



MUSKEGON **COMMUNITY** COLLEGE

Muskegon Community College

2026-27 Catalog

2026-27 Catalog	1
Admissions	5
MUSKEGON COMMUNITY COLLEGE SCHOLARSHIPS	7
Registration Information	8
Catalog's Home Page	9
MUSKEGON COMMUNITY COLLEGE BOOKSTORE	9
COUNSELING AND ADVISING	9
Counseling & Advising Department	10
DISABILITY SUPPORT SERVICES	10
OTHER FEDERAL AND STATE PROGRAMS	10
FINANCIAL AID	10
HENDRICK MEIJER LIBRARY	11
INTERNATIONAL STUDY PROGRAMS	12
International Travel Program Video	12
Internship Program	12
MCC Jayhawk Athletics	12
LOCAL COMMUNITY PROGRAMS	13
STUDENT HOUSING RESOURCES	13
Student Life	13
STUDENT LIFE	13
TESTING CENTER	14
TUTORING SERVICES	14
Veterans Office	15
THE WRITING CENTER	16
Audit Policy	16
Academic/Classroom Conduct	17
Academic Probation	18
Confidentiality of Records	18
Drop/Withdrawal Policy	18
Email Policy	18
Enforcement Procedure	19
False Alarm(s)	19
Final Grade/Attendance Appeals	19
Financial Aid Contract	20
Satisfactory Academic Progress (SAP) Policy for Financial Aid Recipients	20
Freedom of Expression	21
Policies & Procedures	22
General Student Complaints	26
Institutional Governance for Internal Communication	26
Refund Policy	26
Schedule of Refund Days	27
Residency Change Appeals	27
Tuition Refund Appeals Due to Course Related Issues	27
Tuition Refund Appeals Due to Verifiable Error of MCC	28
Tuition Refund Appeal and Withdrawal Illness (WI)	28
Tuition Refund Appeal and Withdrawal Military (WM)	28
Student Code of Conduct	28
Technology Acceptable Use Policy	32
Transferring Credit to MCC	32
Reverse Transfer	35
Transcripts	36
Weapons Policy	36
President's Welcome	36
Catalog Archives	37
Campus Facilities	37
Campus Safety and Security	39
CAREER AND TRANSFER SERVICES	39
Crime Statistics	39
Directory Information	39
Non-Disclosure Form	40
Disclosure of Educational Records	40
Equal Opportunity	40
Equal Opportunity, Harassment, and Nondiscrimination for All Faculty, Students, Employees, and Third-Parties	41
Faculty	42

Faculty	43
About Muskegon Community College	47
HONORS COURSES	48
OFFICE OF INFORMATION TECHNOLOGY	49
Our Mission	49
Our Vision	49
Introduction	49
Accreditation	49
Petitions Committee	49
Right-to-Know	49
STUDENT HONOR SOCIETIES	49
Services for the Community	50
Academic Support Department	51
Accounting Department	51
Alternative & Renewable Energy Department	51
American Sign Language Department	52
Anthropology Department	52
Applied Manufacturing Tech Lab Department	52
Applied Manufacturing Program Video	52
Art Department	52
Arts Program	52
Music Program	52
Digital Music and Audio Production Certificate Program	52
Astronomy Department	53
Automotive Tech Department	53
Biology Department	53
Business Department	54
Chemistry Department	55
Communications Department	56
Comp Info Systems/Business Department	56
Computer-Aided Drafting/Design Department	57
Creative/Perf Arts Dept Department	57
Criminal Justice Department	57
Dance Department	58
Economics Department	58
Education Department	58
Electricity/Electronics Department	59
Engineering Department	59
English Department	59
Foreign Language Dept Department	59
Geography Department	60
Geology Department	60
Graphic Design Department	60
Graphic Design Program	60
Health Education Department	61
Health Sciences Dept Department	61
History Department	61
Humanities Department	62
Machine Tech Department	62
Materials Tech Department	62
Mathematics Department	62
Medical Assistant Department	63
Music Department	63
Nursing Department	65
Mission Statement	65
Accreditation	65
Philosophy Department	65
Physical Ed Activity Department	66
Physical Ed/Professional Department	66
Physical Science Department	66
Physics Department	66
Political Science Department	67
Psychology Department	67
Recreation Department	67

Respiratory Therapy Department	68
Social Science Dept Department	68
Sociology Department	68
Spanish Department	69
Surgical Tech Department	69
Tech Related Department	69
Theater Department	69
Welding Department	70
All Programs	71
Year 1	77
Year 2	77
Option 1 of 3:	135
Year 2	135
Option 2 of 3:	136
Year 2	136
Option 3 of 3:	136
Year 2	136
Year 1	159
Year 1	182
Year 2	182
All Courses	186

Admissions

As an "open door" institution, Muskegon Community College welcomes applications from all who wish to attend. The information requested on the application is used solely to help us serve your educational needs more effectively.

Admission to the College does not guarantee admission to all courses and programs within the College. The special admission requirements to certain courses and programs may be obtained from appropriate sections of this catalog or by inquiring at the departmental office in question.

Students wishing to enter the Nursing, Medical Assistant, and Respiratory Therapy must submit additional applications. Applications for these programs may be obtained through meeting with an MCC counselor.

Orientation

Completing orientation is proven to help students attain a higher GPA and complete more credits. Because MCC is dedicated to helping all students succeed, orientation is mandatory for all new MCC students, transfer students, and returning students who have been out of college for three or more years. Early College students should speak with their Dean or Mentor regarding how to satisfy the orientation requirement. Students will receive an email with instructions for completing orientation *after* they have submitted an application for admission to MCC and received notification of acceptance.

The first part of orientation will cover what students need to know before registering for courses at MCC. At the end of this brief session, students will have the opportunity to sign up for workshops that further detail a variety of additional information and resources. Students will have a registration hold on their account until orientation has been successfully completed. It can take up to 72 business hours to review/confirm orientation completion and remove registration holds from students accounts.

Orientation videos and completion can be found at <https://www.muskegoncc.edu/admissions/orientation/>.

Change of Name or Address

You should promptly notify the Student Welcome Center of any change in name or address that occurs while you are enrolled at the College. Legal proof of name change is required (drivers license, marriage license, social security card, voter registration card). The data change request form can be found here: <https://muskegoncc.jotform.com/250294226545053>. Please note that changing your address does not automatically change your residency.

Residency Policy

Determination of residency status is governed by the following:

- To qualify as an in-district resident, you must have lived within the confines of Muskegon County for six consecutive months *prior* to the first day of classes for any semester.
- To qualify as an out-of-district resident, you must have lived within the confines of the State of Michigan for six consecutive months prior to the first day of classes for any semester. If you have previously registered as a non-resident you may change to in-district resident status upon satisfying the requirements above. When recently married you shall be deemed an in-district or Michigan resident if your spouse satisfies the requirements above. Initial residency status shall be determined by the Office of the Registrar.

It is your responsibility to notify the Student Welcome Center, prior to the first day of classes for any semester, of any change in residence that would affect your residency classification. THE BURDEN OF PROOF LIES WITH YOU, THE STUDENT. The above applies only to American citizens, permanent residents and refugees. Required documentation is listed below. All documentation must have the address and required dates listed.

- Michigan Driver's License
OR
- State-issued I.D.
AND
One of the following:
 - Voter's registration
 - Vehicle registration
 - Vehicle insurance
 - Property tax receipt
 - Property lease
 - Utility bill
 - Notarized verification from an in-district or Michigan resident stating that you have resided with him/her/they for at least six months prior to the start of the semester.

Residency Status for Veterans, Military Personnel, and Eligible Dependents

Residency is based on the location of the present domicile of the applicant with the six-month requirement waived if the applicant can provide any of the following documents. This waiver is extended to the dependents (spouse and children) of the person named on the Department of Defense 214 or 899 who reside at the same address, or to dependents who do not reside at the same address but are identified as a dependent per VA Benefit guidelines. Students seeking a military veteran residency waiver need not have lived in Michigan prior to military service.

Student shall provide one of the following:

- Department of Defense 214, Separation from Active Duty Form
- Department of Defense 899, Change of
- Station Form, showing the Muskegon area as the duty station.
- Department of Defense 899, Change of Station Form, showing a change of duty station for the head-of-household to an overseas destination or as the result of an emergency mobilization.
- Eligible dependents can show relation through birth certificate, marriage license, VA benefit eligibility letter, or other official document dependent on verification by an MCC official.

Additionally, the following individuals shall be charged in-state tuition:

Any individual using educational assistance under either Chapter 30 (Montgomery GI Bill® – Active Duty Program), Chapter 31 (Vocational Rehabilitation), Chapter 33 (Post-9/11 GI Bill®), Chapter 35 (Dependents Educational Assistance), or Chapter 1606 (Montgomery GI Bill® – Select Reserve), of title 38, United States Code, and/or the Marine Gunnery Sergeant John David Fry Scholarship (38 U.S.C. § 3311(b)(9)) who lives in the State of Michigan while attending Muskegon Community College (regardless of his/her formal state of residence).

Student ID

A digital MCC student ID is required. After registering for courses, be on the lookout for an instructional email from ID123. If you have registered for courses and have not received the ID123 email, please stop at the Welcome Center to have it re-sent.

Full-time Student

If you are enrolled for 12 or more credit hours per semester, you are considered a full-time student. Note, however, earning the associate degree (62 credits) in four semesters will mean carrying an average of 15 ½ credit hours per semester. If you wish to graduate in two years you must carry more than the 12 credit hours each semester or plan on attending Summer sessions.

Part-time Student

If you are carrying fewer than 12 credit hours per semester you will be a part-time student. If you are enrolled for 9-11 credit hours per semester, you are classified as “three-quarter” time, and 6-8 credit hours per semester you are a “half-time” student. If you are applying for financial aid as a part-time student, you should consult the Financial Aid Office for details regarding how much help is available to you each semester.

Regular Admission

If you are seeking admission to Muskegon Community College, applications are available online at www.muskegoncc.edu/apply. Submit official high school or GED transcript and include ACT, SAT and/or MME scores. Transcripts are considered official when they are mailed directly from a high school to MCC, sent via email (directly from a high school to MCC) to admissions@muskegoncc.edu or by requesting them through a third party such as www.parchment.com or <https://www.ged.com/>. It is free to apply!

Returning Students

The following information is designed for students who have not attended MCC within the last three years or have earned a degree or certificate from Muskegon Community College. You will need to complete the following information:

- Reapply to Muskegon Community College as a returning student. Your new and previous student information will be merged together. If you have changed any student information please fill out the Student Personal Data Change Request Form and submit it to the Student Welcome Center.

If you haven't already, submit an official high school or GED transcript to MCC, which can be sent to us from a third party such as <https://www.parchment.com/> or www.ged.com. Transcripts can also be emailed or mailed directly from your high school or GED testing center. Additional resources about requesting transcripts can be found here: <https://www.muskegoncc.edu/wp-content/uploads/2026/02/Request-HS-Transcripts-or-GED.pdf>

Please send official transcripts to:

Admissions@muskegoncc.edu

Or mail to:

Muskegon Community College
Attn: Admissions Office
221 S. Quarterline Rd.
Muskegon, MI 49442

High School Guests/Dual Enrollment Admission

High school students may be permitted to enroll as guests while still enrolled in high school. They must first receive a principal's letter from their high school indicating eligibility. Students must submit an MCC online application identifying themselves as a high school guest, send a high school transcript with ACT, SAT and/or MME scores to MCC's Admissions Office, and complete a dual enrollment approval form EVERY SEMESTER that they dual enroll, found here: <https://muskegoncc.jotform.com/242205530759051>

A dual-enrolled student may have to complete Placement Testing. Please look at course prerequisites to determine if Placement Testing is required. Interested students should contact their high school principal or counselor for further information.

Early College Students

Early college blends high school and college in a rigorous yet supportive program, compressing the time it takes to complete a high school diploma and the first two years of college. For additional information please reach out to your Early College Advisor within your local school district or contact Val Shelby at 231-777-0217.

Transfer Student

If you attended another institution and plan to transfer credits to Muskegon Community College please complete the online application as a transfer student and have all official transcripts sent to MCC for an evaluation. All College transcripts must be sent directly to MCC. MCC will not accept transcripts hand delivered. Transfer students who wish to receive a degree from Muskegon Community College must complete no less than 30 or the last 15 hours at MCC and attain a 2.0 or better overall grade-point average. Transcripts should be sent for evaluation directly to:

OfficeoftheRegistrar@muskegoncc.edu

Or mail to:

Muskegon Community College
Attn: Registrar's Office
221 S Quarterline Rd.
Muskegon, MI 49442

College Guest Admission

Students attending other Colleges or Universities within the state may be admitted as guests by filing a Michigan Uniform Undergraduate Guest Application in addition to the online admissions application. Guests should develop a program of study with an advisor at their home institution to insure proper course selection and credit transfer. College Guest status must be renewed each semester.

Please follow the following steps to ensure an effortless college guest experience:

1. Apply for admission, indicate college guest as your program, and complete the Michigan Uniform Undergraduate Guest Application.
2. Complete Part I of the Michigan Uniform Undergraduate Guest Application by printing clearly or typing, then signing the application. The form can be found here: <https://www.muskegoncc.edu/wp-content/uploads/2024/04/MichiganUniformGuestApplication.pdf>.
3. Ask an official at your current institution to complete Part II and submit the application to MCC's Admissions office.
4. Consult your advisor at your primary institution to ensure appropriate course selection to meet your transfer requirements.
5. Register and pay for classes. Guest students pay all tuition and fees as they do not qualify for financial aid.
6. Request an official transcript be sent to your home institution after completion of the class.

Sponsorship Students

Students who are interested in attending MCC being sponsored by their employer should complete an application as well as a Sponsorship Authorization form. More info can be found here: www.muskegoncc.edu/admissions/become-a-student/employer-sponsored-students/.

Apprentice Student

Apprentice students need to complete the application as a community guest student. Regulation of the number of apprentices in any trade is a negotiated item in labor contracts or is set by the Bureau of Apprenticeship and Training. It is not a decision of the College. In addition to applying for admissions, students will also need to submit a completed Sponsor Authorization Request Form each semester; www.muskegoncc.edu/wp-content/uploads/2024/03/MCC-Sponsor-Form-Update-2023.pdf

Community Guest Admission

If you wish to take selected courses without the intent of earning a degree, diploma, or certificate, you may be admitted as a Guest (non-degree) applicant. As a Guest student you will be eligible to change to regular admission status upon submitting your high school transcript, GED test scores or appropriate test results to the Admissions Office. It is your responsibility to initiate the change to regular admission status. Additionally, Guest students are not eligible for financial aid.

If you have not completed high school or the GED, you may be a degree seeking student. Please note students without their diploma or GED credentials are not eligible for financial aid.

International Student Enrollment International Students that would like to be considered for enrollment at MCC must submit necessary documentation, including official translated high school transcripts, proof of funds and English proficiency. The application checklist can be found at www.muskegoncc.edu/admissions/become-a-student/international-students/. Additional information can be obtained by emailing international@muskegoncc.edu or calling 231-777-0516.

Senior Citizen Tuition Waiver Policy

Any legal resident of Muskegon County who is 60 years of age or older before the first day of the semester in which admission is sought, is eligible to receive a Senior Citizen Tuition Waiver. Interested senior citizens must:

1. Present a valid Michigan Driver's license or State ID to the Student Welcome Center for verification
2. Meet all MCC admission requirements
3. Meet all course requirements, which may include placement testing.

Senior citizens may register as degree seeking or auditing (non-credit seeking) students for courses on a space-available basis without payment of tuition. However, students will be responsible for the cost of supplies, course fees, registration fee, technology fee, and infrastructure fee. If degree seeking, students using the Senior Citizen Tuition Waiver must meet the MCC degree requirements and are recommended to attend New Student Orientation. The Senior Citizen Tuition Waiver does not cover secondary admit programs, including Medical Assistant, Nursing, and Respiratory Therapy. This waiver cannot be applied retroactively; verifying documentation must be presented to the Student Welcome Center prior to the first day of the semester in which admission is sought.

Transcripts

High school transcripts are accepted electronically from a third party such as www.parchment.com, <https://www.needmytranscript.com/>, another trusted third party website or mailed directly from the high school to MCC. MCC will not accept hand delivered high school or GED transcripts. SAT and ACT score reports downloaded by the student or sent directly from www.CollegeBoard.com are accepted. GED transcripts can be sent to MCC electronically via <https://diplomasender.com/> or www.GED.com. College transcripts, Advanced Placement (AP), International Baccalaureate (IB), and College Level Examination Program (CLEP) scores must be sent directly to MCC from the awarding college and/or College Board/IB.

Additional resources about requesting transcripts can be found here: <https://www.muskegoncc.edu/wp-content/uploads/2026/02/Request-HS-Transcripts-or-GED.pdf>

MUSKEGON COMMUNITY COLLEGE SCHOLARSHIPS

MCC Adult and Re-entering Scholarship

Amount: up to \$1,000 annually. This scholarship is for non-traditional students. Requirements:

1. Must be in a degree seeking program.
2. Must be enrolled in a minimum of 6 credit hours.
3. If re-entering, there must be a three-year break in your education at Muskegon Community College for you to be considered for this award.
4. Must complete FAFSA to demonstrate financial need.
5. Minimum 2.0 high school or last college attended GPA.
6. General essay required.

Senior Citizen Tuition Waiver

Muskegon County Residents who are 60 years of age or older may enroll under the Senior Citizen Tuition Waiver program. This program waives tuition for both credit and audited courses, except for Medical Assistant, Nursing, Respiratory Therapy. Financial need is not a criterion for this program. You must provide proof of eligibility prior to the start of the semester at the Student Welcome Center. You may still be eligible for Financial Aid. For more details about the requirements and procedures for this tuition waiver, visit www.muskegoncc.edu

Achievement-Based Scholarships In Academic and Performance Areas

This program provides tuition grants to students who demonstrate a particular creative talent (for example: in art, music, drama, dance, creative writing, etc.) or a high level of achievement in a certain academic area. Students are nominated by the faculty of each academic department and each department sets its own guidelines for selection of students. Recipients are normally expected to participate in the activities of the department and/or maintain a specified level of academic achievement within their program of studies.

This program is not based on financial need. Grants may range up to full tuition, and may be renewed upon the recommendation of the department. Information may be obtained by contacting the Chairperson of the academic department in which the student is interested, or on MCC's website under scholarships.

Athletic Grants

These grants, ranging up to full tuition and books, are available to students who demonstrate collegiate-level athletic ability, carry a minimum of 12 credits per semester, and participate in one of the intercollegiate sports offered at MCC. Students must maintain academic eligibility in order to participate in intercollegiate athletics as well as to receive a grant. These scholarships (or grants) are awarded by sport and the amount awarded is at the discretion of the coach of that sport.

Registration Information

Registration at Muskegon Community College takes place three times a year, starting in April for the fall semester, November for the winter semester, and March for the summer session. The fall and winter semesters are 15 weeks in length and the summer session is 12 weeks in length. The summer session generally begins in May and is offered with a variety of start and ending dates. Register as soon as you are eligible to help ensure your place in the classes you desire.

To ensure you are eligible to register, make sure you have:

- Been admitted or readmitted to Muskegon Community College
 - Cleared all financial holds
 - Completed all placement tests or submitted appropriate ACT, SAT or MME scores.
 - Have completed all course prerequisites
 - Completed new student orientation
1. **Testing.** Before registering for classes, send any previous placement exam scores to Muskegon Community College, such as ACT, SAT, Accuplacer, etc. These scores may be used by a Counselor to help place you into the courses that are most appropriate for your current level of knowledge. Please consult a counselor for more information.
 2. **Counseling.** Schedule an appointment to see a counselor early. The counselor can assist you in curricular planning and with other concerns you may have.

Priority Registration

Priority Registration is available exclusively to currently enrolled students. Using the MyMCC, current students have the first opportunity to select courses before registration is open to other individuals. Registration is based on a priority system that allows you to begin registration according to the number of total MCC credit hours completed. Priority begins with students who have earned the most MCC credit hours and ends with the students with the least MCC credit hours. A few weeks before priority registration begins, students will be emailed with their priority registration start times. You may register starting at your assigned time or after, but not before.

Online Registration

To register for classes online:

Step-by-Step instructions for registering for classes online in Self-Service/Student Planning are available online at www.muskegoncc.edu/registration. For additional assistance with online registration, email registration@muskegoncc.edu or call (231) 777-0211.

Adding Courses

Prior to the beginning of the semester, you may add courses from the start of the registration period up to the day the class begins. A student must have written permission of the instructor to add a class once it has met. Regarding online classes, a student must have written permission of instructor to add a class on or after its published start date. Refer to Student Planning in the MyMCC for class information.

Dropping Courses

(Other than complete withdrawal from the College)

The preferred method of dropping courses is through Student Planning in the MyMCC. You may also drop courses by submitting an Add/Drop form in-person, to the Student Welcome Center prior to the withdraw deadline. If changing courses/ sections after the drop period, students may only transfer from one section of a course to another section of the same course. Students attempting to drop and add courses of different names outside of the 100% refund period will be billed for tuition accordingly.

You are strongly encouraged to consult with your instructor and a counselor prior to processing a withdrawal. If you have financial aid or scholarships, it is especially important for you to contact the Financial Aid Office prior to withdrawing. You may drop/withdraw through Student Planning in MyMCC or by submitting an Add/Drop form to the Student Welcome Center.

- No grade will be recorded on your transcript if the course is dropped **during the drop/ refund period**.
- You may withdraw from a course **after the drop/refund period** up to the week prior to examinations. For early-ending courses, you may withdraw from a course after the refund period until one day prior to the end date of the course (prior to the final examination). Withdrawal from a course will generate a grade of "W" on your academic record and tuition/fees are not refunded.

Prerequisites & Co-Requisites

Prerequisites and co-requisites are listed in course descriptions and are subject to change with each new catalog. It is the student's responsibility to meet the prerequisites and / or co-requisites in effect for the term in which a course is taken, regardless of the catalog under which the student entered or will graduate. Students may be stopped from enrolling or may be dropped if prerequisites or co-requisites are not met.

Prerequisite: A prerequisite is a requirement that must be successfully completed before a student may enroll in a course. Prerequisites are based on the essential skills or competencies to be successful in the next level course.

Co-requisite: A co-requisite is a course that is either recommended or required to be taken in combination with another course.

Wait Lists

Once a course has reached the maximum enrollment, students are given the option to be placed on a wait list. This option must be chosen at the time of registration. The wait listed course cannot conflict with other courses in the student's registration schedule and cannot be placed on multiple sections of the same course. Being on a wait list does not mean the student is registered in the course. Once space becomes available in a class, wait listed students will be offered a position in the class based on the student's position on the wait list.

Once the course begins wait lists will no longer be available.

If you wish to attend a class, but do not desire credit or a grade, you may elect to audit a class. If you audit a class, you are required to pay the same tuition and fees as those taking courses for credit.

MCC permits students to register for college credit courses on a non-credit (audit) basis. Those who wish to do so should consult with a member of the counseling staff regarding College policies and procedures for audit status enrollment.

Catalog's Home Page



Catalog Planning

Make a change to the catalog in one place and it's updated everywhere, eliminating manual edits and searching for continuity across catalogs. Publish beautiful catalogs with one click.

It's so much simpler to build the perfect catalog.

Intuitive user-interface to handle all catalog changes with speed and accuracy.

Powerful search and integration with curriculum and schedule.

Embed video, photos or other content to attract prospective students.

MUSKEGON COMMUNITY COLLEGE BOOKSTORE

Located on the Main Campus (231)777-0235

<https://muskegoncc.bncollege.com/>

COUNSELING AND ADVISING

Room 1050 • www.muskegoncc.edu/counseling

Counseling services at Muskegon Community College are available in the Counseling and Advising Center (Room 1050) and virtually via Zoom. The Counseling and Advising Center provides comprehensive academic, career, and personal counseling services that promote student success, well-being, and goal attainment. All MCC counselors have graduate degrees in counseling, psychology, or related fields, and are Licensed Professional Counselors through the State of Michigan.

Central to our mission and daily practice is a commitment to confidentiality, upholding ethical behavior, and providing counseling based on current research and proven standards. All MCC counselors adhere to the professional and ethical guidelines of the American Counseling Association. The Scope of Our Practice serves currently enrolled and prospective students.

Academic advising is central to a student's educational experience. Counselors assist students in selecting and progressing through an academic pathway aligned with their interests, abilities, and long-term career objectives. MCC offers six academic pathways:

- Arts, Humanities & Communication
- Engineering/Manufacturing and Industrial Technology

- Health Services
- Human Services
- Business & Information Technology
- Math & Science

Students are encouraged to indicate their intended academic pathway when scheduling an appointment to ensure they are connected with the appropriate counselor. Those who are undecided are welcome to meet with any counselor for assistance in exploring options and clarifying their academic and career goals.

Counselors work collaboratively with academic departments and transfer institutions to ensure accurate and strategic course selection. Students planning to transfer after completing coursework at MCC are strongly encouraged to meet with a counselor each semester, as transfer requirements vary by college and university. Through individualized educational planning, counselors help students develop a clear and attainable path toward degree completion and career advancement.

Personal counseling services assist students in adjusting to the college environment and addressing concerns that may affect academic performance or personal well-being. Services are free, confidential, and delivered in a professional and supportive setting. Students commonly seek counseling for concerns such as anxiety, depression, stress management, relationship challenges, academic difficulties, and uncertainty regarding major or career direction.

In addition to individual counseling and advising appointments, the Counseling and Advising Center offers workshops, presentations, and initiatives designed to promote student wellness and holistic development. Counselors are available by appointment Monday through Friday. Appointments may be scheduled in Room 1050, by calling (231) 777-0362, or through the MyMCC student portal.

Express Counseling and Advising is available throughout the week to address immediate concerns in brief 5–10 minute consultations. More comprehensive services—including academic planning, career counseling, personal counseling, and transfer advising—require a scheduled appointment. Extended drop-in hours are offered during peak enrollment periods each semester; specific dates and times are available on the Counseling and Advising Center's webpage at <https://www.muskegoncc.edu/departments/counseling-advising/>.

Counseling & Advising Department

DISABILITY SUPPORT SERVICES

Room 2046 Phone number: (231) 777-0309 E-mail: mccdss@muskegoncc.edu Website: www.muskegoncc.edu/student-resources/student-success/disability-support/

Mission

Disability Support Services is committed to providing reasonable accommodations and services to qualified students with disabilities. This commitment is consistent with the legal requirements set by the Americans with Disabilities Act of 1990 (ADA), the Americans with Disabilities Amendments Act of 2008, Section 504 of the Rehabilitation Act of 1973, and other federal and state laws and regulations pertaining to individuals with disabilities.

Accommodations

Muskegon Community College strives to reduce the impact of disability on a student's opportunity to learn by providing accommodations to eligible students. Accommodations must be reasonable and are determined based on the student's documentation and individual need. Disability Support Services will receive accommodation requests at any point in the semester; however, students should allow a minimum of two weeks processing time for accommodations to be implemented once all required documents have been received. Please note that accommodations cannot be provided retroactively.

Auxiliary Aids

The DSS office makes auxiliary aids, such as assistive technology, available to qualifying students.

DSS Counseling & Advising Services

Disability Support Services provides specialized counseling and advising services for students with disabilities. The DSS counselor is a Licensed Professional Counselor (LPC) in the State of Michigan and provides students with comprehensive academic advising, career counseling, group counseling, and short-term personal counseling services. Students who register with Disability Support Services should work with the DSS counselor as their assigned academic counselor regardless of degree pathway.

Perkins Occupational Grant

The Perkins Occupational Grant provides financial assistance to eligible students who are enrolled in occupational programs at Muskegon Community College. To view eligibility requirements and to learn more about applying for a Perkins Occupational Grant, please visit www.muskegoncc.edu/student-resources/student-success/disability-support/.

Service Animals

While not required, it is highly recommended that a student with a service animal register with the Disability Support Services office prior to bringing the service animal on campus.

OTHER FEDERAL AND STATE PROGRAMS

Vocational Rehabilitation Service Program

This state program provides assistance to students who have physical, mental, or emotional disabilities. Information may be obtained by contacting any Michigan Department of Career Development Rehabilitation Services District Office.

Native American Tribal Scholarships

This federal program provides financial assistance for needy Native Americans. Applications may be obtained by contacting your tribal chairman. Students must also apply for financial aid through the College by submitting the FAFSA (Free Application for Federal Student Aid).

Michigan Indian Tuition Waiver

Contact your tribe or the Michigan Department of Civil Rights to determine if you qualify for the tuition waiver.

FINANCIAL AID

Muskegon Community College, through its financial aid programs, attempts to assist students who would not otherwise be able to pursue their educational goals. Numerous federal and state programs, as well as College-sponsored and privately funded programs are available to assist qualified students. Most of these programs are described in the following paragraphs.

Students must meet the criteria for particular programs, be in good academic standing, and make normal progress toward a degree in order for funds to be awarded or renewed.

Federal regulations require that, in order for an award to be renewed under a federal program, the student must not owe a repayment on a previous loan or grant. The College also reserves the right to withhold all services—including the issuing of academic transcripts—from any students who have not met their financial obligations to the College.

Applications, Procedures and Deadlines

In order to be considered for financial assistance, students must do the following:

1. Be accepted for admission to the College as a regular student (new students must submit a completed Application for Admission online at www.muskegoncc.edu).
2. Complete and submit a FAFSA (Free Application For Federal Student Aid). Request that a copy be sent to Muskegon Community College (College Code #002297). This is required for all aid programs based on financial need. See studentaid.gov for more information.
3. Immediately respond to any requests. Additional documentation, including signed copies of Federal tax returns, may be needed to complete your financial aid file.

In order to receive full consideration for financial assistance, completed applications must be on file at the College by the following dates:

for FALL SEMESTER..... May 1

for WINTER SEMESTER..... October 1

for SUMMER SESSION..... March 1

Applications received after these dates will be considered on a first-come, first-served basis, if funds are available.

Most financial aid is awarded for only one academic year at a time. Students must submit new applications in order to receive consideration in a subsequent year.

HENDRICK MEIJER LIBRARY

Room 1065

Formerly the Allen G. Umbreit Library, the Hendrik Meijer Library provides instructional materials and information services to support the curricula offered by the College and to meet the informational needs of students, faculty, staff and administration. The library extends these services to the community and serves as a catalyst in the lifelong learning goals of the citizens of Muskegon County and the greater West Michigan area.

Public Services Desk

Students' MCC ID cards are used as a library card. To activate it as a library card, you must present your MCC ID card to the library along with a valid Michigan driver's license or identification card and fill out a library card application. You must present your card to check out materials.

Most materials may be renewed at the public services desk. You may renew these materials over the telephone by calling (231) 777-0270. If a book you want is already checked out, you may place a hold on it. Holds may be placed at the public services desk.

Instructor-reserved textbooks are also at the public services desk. These materials have varying check-out periods or may be limited to library use only. Also, you may reserve a study room at this desk.

Reference Area

The reference librarians will assist you in learning how to locate and use materials in the library. They can help you select materials, evaluate sources, and properly document your sources. This area contains reference material in print form and also on electronic databases. Ask a reference librarian for assistance in using these tools. There is a librarian available all hours the library is open.

Library Catalog

All books, instructor reserved materials, print periodical subscriptions, video cassettes, DVDs and CDs are listed in the online catalog. The catalog, which is mobile friendly, provides location information which enables users to quickly determine where the material is located and if it is available. If you need assistance in finding materials, ask at the reference desk or the public services desk.

Classification System

A collection of approximately 65,000 volumes is shelved in the library using the Library of Congress classification system. Subject divisions can be used for general browsing. For more specific searching, check the online catalog first or see a reference librarian.

Research Databases

Use the research databases to locate articles, reports, and online books. Many articles may be printed directly from the computers. Most of these databases are also available off campus. Access the library databases via the MyMCC library page. The majority of our periodicals are available only in electronic format via our numerous databases.

Interlibrary Loan

Books and journal articles not available at the MCC library may be requested through Interlibrary Loan.

Archives

The Archive is a collection of historical material about Muskegon Community College. For access to this material, email the Archivist at archive@muskegoncc.edu.

Study Rooms

These nine rooms can be reserved at the Public Services desk. They are available first-come-first-served, unless reserved ahead of time. MCC students have priority use, but all patrons are welcome to check one out.

Quiet Reading Room

The quiet reading room is intended for quiet study.

Computers for Student Use

There are computers connected to printers near the reference desk for all patrons to use. There are additional computers in the connected library computer lab.

Special Facilities

- Wheelchair accessible stations are available for viewing the online catalog and for computer use.
- Book drops are located in various places throughout the campus:

At the public services/circulation desks

In the hall outside the front door of the library

In a drive-up outside the library in the circle drive

- A copy machine is available.
- The Cybercafe with vending machines is on the first floor.

For more information regarding library services, contact:

- Library Information: (231) 777-0269
- Reference Services: (231) 777-0326
- Circulation/Public Services: (231) 777-0270
- Archives: (231) 777-0493

INTERNATIONAL STUDY PROGRAMS

For information on international, travel and study opportunities at MCC, visit <https://www.muskegoncc.edu/campus-life/study-abroad/>. MCC offers a variety of study abroad programs through partnerships with the Illinois Consortium for International Studies and Programs. Program vary in length from two weeks to three months and provide students with exceptional choices of programming and experiences.

International Travel Program Video

Internship Program

INTERNSHIP PROGRAM

MCC realizes that there are important elements of business and industry which cannot adequately be taught within the confines of the laboratory or classroom walls of MCC, and therefore, has an active internship program. The goal of the internship program is to provide the student with on-the-job experiences supervised by successful, experienced professionals. This experience shall directly support the development of a student's technical skills, knowledge, and career path. The employer shall gain a reliable, flexible, and enthusiastic potential employee while assisting in the student's career preparation goals.

For more information, visit the internship page <https://www.muskegoncc.edu/academics/workforce-development/internships/> or contact internship coordinators.

For information on Business and Applied Technology internships - Jared Olson, Workforce Training and Internship Coordinator in the Sturuss Technology Center, Room #120, at (231) 777-0300 or jared.olson@muskegoncc.edu.

For information on Education Department internships - Jennifer Jones at (231) 777-0397 or Jennifer.jones@muskegoncc.edu.

MCC Jayhawk Athletics

Bartels-Rode Gymnasium

MCC has maintained a program of intercollegiate athletics for both men and women for many years, while attempting to maintain teams in a wide variety of competitive fields. MCC is a member of the Michigan Community College Athletic Association, Region 12, and the National Junior College Athletic Association. Men's sports include baseball, basketball, bowling, cross country, golf, soccer, track & field, wrestling and volleyball. Women's sports include basketball, bowling, cross country, soccer, softball, track & field, volleyball and wrestling. In 2022-2023, co-ed Esports was added. Call (231) 777-0381 or (231) 777-0462 for information.

Questions about eligibility should be directed to the Athletic Director. Transfer students should secure a transcript from any college previously attended and have it placed on file in the Office of the Registrar to aid in the determination of eligibility. Athletic scholarships are available in all sports sponsored by the College.

All regular season home contests and games are currently free to the public. Home contests and games that are indoors are held in the Health and Wellness Center. Home baseball and softball games are played on the baseball/softball fields which are south of the gymnasium. Men's and women's soccer and track & field contests are held off-campus at local high schools.

Please check muskegonjayhawks.com/landing/index for up-to-date schedules and other information.

MCC Recreation

The Health and Wellness Center is home to the HPER and Athletic Department offices as well as a state of the art fitness center, weight room, walking/ jogging indoor track, gymnasium, fitness lab, and men's and women's locker rooms. The facility is free to use for current MCC students, staff, and faculty members.

MCC is committed to providing activities that match the interests and desires of its students. The MCC Intramural Sports program shares in those efforts by providing multiple free co-ed sports leagues that include basketball, golf, volleyball, tennis, and bowling.

Athletic Director

Jason Cooper

(231) 777-0690

	HEAD COACHES	
Brian Houts <i>Men's Baseball</i>		Vacant <i>Men's Soccer</i>
Gene Gifford <i>Men's Basketball</i>		Amy Lassanske <i>Women's Soccer</i>
Jason Cooper <i>Women's Basketball</i>		Dave Veihl <i>Women's Softball</i>
Bill Bowen <i>Men & Women's Bowling</i>		Samantha Fehler <i>Women's Volleyball</i>
Nick Marcinkowski <i>Men & Women's Cross Country</i>		Cody Carpenter <i>Men's Wrestling</i>
Ted Tallefson <i>Men's Golf</i>		Nick Marcinkowski <i>Men & Women's Track & Field</i>
Vacant <i>Men's Volleyball</i>	Brandon Smith <i>Co-ed Esports</i>	Cassandra Baranoski <i>Women's Wrestling</i>

LOCAL COMMUNITY PROGRAMS

Many local clubs, businesses, and agencies sponsor scholarship programs. High school students should contact their guidance counselor for information on these sources of financial aid.

Many companies sponsor scholarships for their employees and/or children; students should check with the personnel offices of their own or their parents' employers.

STUDENT HOUSING RESOURCES

Muskegon Community College is a commuter school, so we do not offer on-campus housing. However, we are here to help you access community resources which offer assistance in times of immediate emergency housing needs. Please contact the Jayhawk Hub in Room 2046 or call 231-777-0224.

Student Life

STUDENT LIFE

Jayhawk Hub – Room 2046

The Office of Student Life, housed within the Student Success Department, supports student engagement, leadership development, and a strong sense of belonging at Muskegon Community College.

Student Life engages students through:

- Celebrating Jayhawk pride
- Out-of-classroom programming
- Leadership development opportunities
- Community connections

Students are encouraged to enrich their college experience by participating in college-sponsored events, activities, clubs, and student organizations. These opportunities help students meet peers, learn new skills, connect with campus resources, mentor others, and persist through the challenges of college life.

The Office of Student Life oversees the annual Jayhawk Frenzy welcome events at the beginning of each fall semester and Winter Welcome Days at the start of the winter semester, along with monthly programs and activities throughout the academic year. Student Life is also where students can start or join a student organization or club and develop leadership through involvement.

In addition, Student Life facilitates partnerships with community organizations that support diverse student needs and interests by inviting them onto campus.

Registered Student Organizations and Clubs

Student Life enhances the college experience by offering a variety of student organizations and clubs that reflect diverse interests, identities, and academic pursuits. These groups provide opportunities for social engagement, intellectual growth, cultural involvement, and leadership development.

In many cases, organizations and clubs allow students to participate in projects connected to classroom learning and career interests. Information about current activities is shared on campus each semester.

Students who share a common interest and would like to form a new student organization or club are encouraged to visit the Student Success Department. Each group is overseen by a full-time faculty or staff advisor, and members must be enrolled as students at MCC.

Lists and contact information for currently recognized student groups are available online at www.muskegoncc.edu/campus-life/get-involved/clubs-organizations/

Student Government Association (SGA) – Jayhawk Hub, Room 2046

The Student Government Association (SGA) serves as the official representative body for MCC students. SGA provides a forum for student expression on matters of campus concern and promotes leadership development and student involvement.

The goals of SGA are:

- To convey the student voice to the administration and Board of Trustees
- To provide for discussion, investigation, and resolution of student concerns and ideas

- To retain authority to appoint and remove student representatives to the College's Council System and designated committees
- To promote the interests of the College's student community
- To protect and uphold students' rights
- To plan, encourage, and promote participation in college events and community service activities

TESTING CENTER

Room 1032 • www.muskegoncc.edu/testing

Services

The Testing Center provides the following testing services for students, faculty and guests: placement and waiver tests, make-up tests, online tests, independent study examinations, proctoring services for distance learning programs and CLEP testing. The Testing Center is located in Room 1032 or you may call (231) 777-0394 or email testingcenter@muskegoncc.edu.

Fees

With the exception of CLEP testing and, in some cases, external exam proctoring, testing services are free of charge to MCC students.

Fee schedule for tests with associated fees:

- Exams for other institutions: \$25 charged for test takers without an MCC student ID number or MCC students who have earned less than 50 credit hours from MCC
- Placement tests for other institutions: \$25
- CLEP tests: \$25 proctor fee plus Collegeboard test fee. See clep.collegeboard.org/register for current test fee information

Course Placement

MCC uses a guided self-placement process to help students determine where to begin with math and English courses at the College. To view current placement guidelines and resources, visit www.muskegoncc.edu/course-placement.

Nursing, Respiratory Therapy, Engineering, Dual Enrollment and Early College Program participation may require students to take MCC Placement tests.

Many courses have skill level prerequisites; meet with a counselor to be sure you are enrolling in the appropriate class.

TUTORING SERVICES

Room 3081 • www.muskegoncc.edu/departments/academic-support/

231-777-0393 or email tutoring@muskegoncc.edu

In addition to utilizing your instructor's office hours, we strongly encourage you to take advantage of Tutoring Services. If you find yourself struggling in a course, this is an excellent resource for getting extra support.

Peer Tutoring

If assistance is needed in a specific course, a student can schedule an appointment through TracCloud. This is found by navigating to the MyMCC page, clicking on the Schedule an Appointment link under Student Support, then selecting the Tutoring icon. (<https://muskegoncc.sharepoint.com/sites/MyMCCDocuments/SitePages/Student/Schedule-Appointment.aspx?env=WebView>) Student tutors, recommended by instructors, are available to any current student. Students may schedule up to 2 appointments per subject per week with an MCC tutor and attend unlimited drop-in sessions.

Professional Tutoring

Professional tutors may be hired for specific content areas when peer tutors are not available.

Supplemental Instruction (SI)

Supplemental Instruction is a small group academic assistance program which has shown to help increase student performance. It is offered only in specific introductory classes. Check with Tutoring Services and your instructor for more information.

MCC Online Tutoring

Do you need help from home or work? Online Tutoring is available! When scheduling an appointment, please select "online" as your meeting type. At the time of your appointment, a Zoom link will become available on your TracCloud dashboard.

Brainfuse 24/7* Online

Purchased with College Success Grant funds, we've introduced Brainfuse, an online tutoring platform that offers flexible, on-demand academic help. Students can access live tutoring beyond regular business hours, with many subjects available 24/7. Each student receives 6 hours of Brainfuse tutoring per semester, with the possibility of additional hours if more support is needed. Brainfuse also offers robust academic resources, including study guides, practice tests, and skill-building exercises.

Drop-in Tutoring

Drop-in Tutoring is when a tutor will be available to offer support without an appointment. The schedule is available on TracCloud and updated daily.

General Support

For courses that do not have content specific tutors, Tutoring Services encourages students to meet with a general support tutor. General support tutors can help with time management, study tips, navigating Blackboard, and test taking strategies.

Basic Computer Support

Our tutors are available to assist students with essential computer skills, including using word processors to create and save documents, uploading files, navigating the internet to search for information, and more.

Becoming a Tutor

We are always looking to grow our team! If you are interested in becoming a peer tutor, we invite you to visit the Academic Support Department or email tutoring@muskegoncc.edu to get more information.

Veterans Office

Room 1055

The MCC Veterans Office is here to serve all military-connected students in our community. Whether a current servicemember, a veteran, a reservist, or a child or spouse of military personnel, the office is here for you. The office provides current benefit information, connections to community and national programs, and assistance in completing VA forms for educational benefits. The MCC Veterans Office also provides support for the Student Veteran Organization. The MCC Veterans Office can be reached at (231) 777-0342 or MCCVeteransOffice@muskegoncc.edu.

Our mission

- Aid in connecting veterans with resources, services, and support systems after leaving the military.
- Help clear up any uncertainties about VA's current benefit chapters.
- Aid in applying for your educational benefits through VA.
- Help with certification requests to activate your aid for the desired semester attending.
- Aid with the Military Tuition Assistance programs for active duty and reserve personnel.

Veterans Programs

U.S. military veterans, veteran dependents/ survivors, and Reserve/National Guard personnel may be eligible to receive aid under one or more of the programs listed below:

- Applications for most federal programs are found at www.va.gov.
- Applications for the state program may be obtained by contacting the Michigan Children of Veterans Tuition Grant. Information is also available from the College's Veterans Office.
- MI Veterans Tuition Grants are only available online: <https://www.michigan.gov/mistudentaid/programs/children-of-veterans-tuition-grant>
- The Veterans Office will also assist students in completing forms for other veteran benefits.

Federal G.I. Bill® Chapters and Eligibility Requirements

CHAPTER 30 – This federal program provides educational benefits for veterans who entered military service after July 1, 1985. Veterans who entered military service before January 1, 1977 and served actively for at least two years after July 1, 1985 may also be eligible (Montgomery G.I. Bill).

CHAPTER 31 – This federal program provides education benefits to eligible disabled veterans (Veterans Readiness and Employment - VR&E) with at least 10% service connected disability to be considered for Veterans Readiness and Employment. To get more information regarding this program please go to www.va.gov/careeremployment/vocational-rehabilitation.

CHAPTER 33 – The Post-9/11 GI Bill® is for individuals with at least 90 days of aggregate service on or after September 11, 2001, or individuals discharged with a service-connected disability after 30 days. You must have received an honorable discharge to be eligible for the Post-9/11 GI Bill®.

CHAPTER 35 (DEA) – This federal program provides educational benefits to children (between the ages of 18 and 26), spouses, and widows/ widowers of totally disabled or certain deceased veterans.

CHAPTER 1606 – This federal program provides educational benefits to persons who entered a six year Reserve or National Guard obligation after July 1, 1985 (Selected Reserve/National Guard G.I. Bill®).

For more information visit www.va.gov/education

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government Web site at www.benefits.va.gov/gibill

Michigan Child of Veterans Tuition Grant

This state program provides benefits for children (between the ages of 16 - 26 years) of certain totally disabled or deceased Michigan veterans. Eligible students must enroll at least half-time, and may receive up to \$2,800 per year for tuition and class fees. (Formerly, Children of Veterans Tuition Grant). The grant is administered by the Michigan Department of Treasury. More information available at www.michigan.gov/mistudentaid/programs/children-of-veterans-tuition-grant, or call 888-447-2687. Assistance is also available by making an appointment in the Veterans Office.

MINGSTAP

Public Act 259 of 2014 established the Michigan National Guard State Tuition Assistance Program (MINGSTAP) to provide tuition assistance to members of the Michigan National Guard who are attending any public or private college, university, vocational school, technical school or trade school located in Michigan. Currently, qualified soldiers can apply for up to \$6,000 in tuition assistance per year. For more information about the program, please visit www.michigan.gov/dmva/about/mingstap or call (517) 481-7640.

Responsibilities for Students with VA & Military Education Benefits (GI Bill®)

United States Department of Veterans Affairs (VA), the United States Department of Defense (DoD), the State of Michigan and the Michigan National Guard offer educational benefits to qualified veteran and military students and/or their dependents provided the beneficiary meets guidelines put forth by the program. To use these educational benefits, students must fulfill the responsibilities below.

1. I agree to request official transcripts from all previously attended institutions, including the Joint Services Transcript (JST) or Community College of the Air Force, be sent to the MCC Records Office for evaluation.
2. I agree to choose a valid program at MCC, and understand my benefits will only pay for classes that are within that program. If appropriate, I will officially change my program of study at the Counseling and Advising Center and notify the Veterans Office. I understand that only courses outlined in my program of study will be certified for payment, if the courses are within VA guidelines.
3. I agree to complete a Certification Request for VA Educational Benefits online in MyMCC for every semester I wish to draw VA Educational Benefits. I understand that submitting this request less than eight weeks prior to the term beginning will likely delay my benefit payment.

4. I will meet the MCC Standards of Academic Progress (SAP) and maintain at minimum a cumulative 2.0 GPA (detailed SAP requirements are available on page 319). I understand that if my GPA falls below 2.0 and/or I do not meet SAP, I will be placed on probation and be allowed one semester to get back into good standing. If I fail to do so, the VA will be notified of unsatisfactory progress and I understand that my benefits will be suspended.
5. I will complete the classes I start. I understand that if I stop attending class, withdraw, or drop classes, a debt will be established in my name.
6. I understand that the VA does not permit a course to be repeated in which I have earned a grade of D or better except in special circumstances where a higher grade is specifically required for me to graduate with my degree.
7. I understand that taking courses that start late or end early in the standard semester will impact my pay.
8. It is my responsibility to self-verify attendance monthly through the U.S. Department of Veterans Affairs at www.va.gov/education/verify-school-enrollment or by text message or phone verification at 1-877-823-2378. Chapters that MUST verify are 30, 33, 35, and 1606.
9. I will maintain responsible communication to inform the Veterans Office of any updates or correspondence pertaining to my VA educational benefits to ensure accuracy and efficiency, and I will stay up to date with information posted on the MyMCC Veterans Portal page.

For additional information regarding VA, certification, paperwork, or general information please visit the MCC Veterans website at www.muskegoncc.edu/veterans and in MyMCC.

Veteran Residence

See Residency Policy on page 12.

VA Student Payment Dates

Students who are receiving VA Education Benefits are expected to pay tuition and fees by the payment deadline date established by the College each semester, with exception to the following:

- Students receiving Post 9/11 Benefits and have a Certificate of Eligibility (COE) or Statement of Benefits on file in the MCC Veterans Office will receive a deferment on tuition and fee payment until payment arrives from the VA. Students shall complete a Certification Request in their MyMCC account each semester to indicate plans to use Post 9/11 Benefits.
- Students participating in the Vocational Rehabilitation Program, Chapter 31, and have a current VAF 28-1905 form on file from their Voc Rehab Counselor will receive a deferment on tuition and fee payment until payment arrives. Student shall complete a Certification Request in their MyMCC account each semester to indicate plans to use funding from Vocational Rehabilitation to cover tuition and fees payments.
- Students using Post 9/11 (Chapter 33) or Vocational Rehabilitation & Employment (Chapter 31) shall be entitled to all privileges as a Muskegon Community College student, and shall not be penalized for payments arriving after payment due date so long as Certification Request is submitted by payment due date each semester.

THE WRITING CENTER

Room 3081 • www.muskegoncc.edu/departments/academic-support/
231-777-0406 or email writingcenter@muskegoncc.edu

In addition to utilizing your instructor's office hours, we strongly encourage you to seize support at the MCC Writing Center. The Writing Center provides an excellent opportunity to receive help with an assignment no matter where you are in the writing process, no matter the discipline. Appointments take place on campus in the Academic Support Department, Hendrik Meijer Library (Saturday), or online in 20-minute Zoom meetings. On-campus and online drop-ins are also welcome. In addition, the Writing Center offers asynchronous service via email. Data shows utilizing the Writing Center improves students' work by a full letter grade. If you find yourself struggling with writing in any form, for any discipline, visit the Writing Center.

Writing Center Professional Support

The Writing Center is comprised of writing professionals steeped in writing techniques and specialties. From assisting with the pre-writing process, to developing effective thesis statements, assisting with unity, organization, grammar and punctuation, resumes, and the revision process, the Writing Center offers all the professional insight and quality feedback you need in a welcoming environment to achieve success in your writing.

If assistance is needed, a student can [schedule an appointment through TracCloud](#). This is found by navigating to the MyMCC page, clicking on the Schedule an Appointment link under Student Support, then selecting the Writing Center icon. Professional Writing Consultants are available to any current student and community member. Students may schedule appointments up to 24 hours in advance. Drop-in visits are also welcome, as are asynchronous requests via email at writingcenter@muskegoncc.edu.

On-Campus Professional Support

Stuck in your writing? Writing professionals are available to help on campus at any stage in the writing process, across any discipline, Monday through Saturday. Check the Writing Center hours at the link above to schedule an appointment.

Drop-in Professional Support

Drop-in writing professional hours are a set schedule of times when a Writing Center professional will be available to assist with one's writing without an appointment. Check the schedule by following the link above.

Online Professional Support / Asynchronous Professional Support

If one needs remote help with writing, the Writing Center's writing professionals can assist students via 20-minute Zoom appointments. Follow the link above to submit your writing ahead of time and book an online appointment. Asynchronous requests via email are welcome at writingcenter@muskegoncc.edu.

Updraft: The Jayhawk Field Guide for Writers

The Writing Center also offers writing and studying tips via its adjacent blog, [Updraft: The Jayhawk Field Guide for Writers](#). Visit regularly for new writing tips, as well as to follow literary events on campus, as well as in the surrounding community.

Writing Center YouTube Page

The Writing Center also offers asynchronous writing and studying workshops via its adjacent YouTube page. Visit the [MCC Writing Center YouTube page](#) regularly for helpful writing and studying workshops you can view at a convenient time that works with your schedule. Be sure to subscribe to the page for updates as more workshops are added.

Audit Policy

These policies include the following:

1. Students may audit courses so long as they (a) register specifically for audit status; (b) pay regular tuition and fees as listed in the official publications of the College; and (c) comply with all assignments, projects, tests, and learning experiences required of credit status (regular status) students unless they explicitly make another arrangement that is mutually agreeable to both instructor and student.
2. Audit status students should realize that unless they complete all regular course requirements it will probably not be possible to convert from audit status to credit status at a later date. Audit status students who have completed all regular course requirements to date and wish to change from audit status to credit status must complete a Request to Change from Audit to Credit Form and submit it to Room 1048J. Such petitions must include a note from the instructor stating the student has completed all regular course requirements to date. **This request must be processed prior to the final examination.**
3. Students who register for a credit class cannot change to audit status.
4. For students who complete all requirements, instructors will record the progress of audit students in the same manner as credit students. A grade of "AU" will be recorded on the audit status student's transcript at the end of the semester, and will not be used to compute grade point averages. **Please also note that audit credit cannot be used to complete a degree or transferred to another institution.**

Credit Hour

As a rule of thumb, each credit hour equals one hour of class or two hours of laboratory work per week. Exceptions are noted in course descriptions.

Employment and Class load

Many students find it necessary or even desirable to be employed while attending college. Although enrollment on a full-time basis is very demanding, you may find that you can maintain satisfactory grades even while working part-time. The following table provides general guidelines for those students who plan to work:

Class load/Workload

Credit Hrs. per Semester	Extracurricular Hrs. per Week
13 or more	15 or less
10 - 12	24 or less
7 - 9.....	32 or less
3 - 6.....	40 or less

If you stop attending a course and do not formally withdraw, the instructor has the option of initiating a grade of "W" or a grade of "E".

Attendance

You are expected to attend all sessions of the classes in which you enrolled. You may be withdrawn from the class at the discretion of the instructor if you have excessive absences. Instructors who do not take attendance into account when determining your status in the course must maintain other consistent means of showing participation.

Academic/Classroom Conduct

Muskegon Community College is a community of scholars whose members include administrators, faculty, staff, and students. Mutual respect and civility are expected in the classroom or other college related academic settings, as well as, in any communication.

- MCC has the duty of providing students with privileges, opportunities, and protections that best promote learning;
- Students have the right to a non-threatening learning environment;
- Students have the responsibility to refrain from infringing on the right of others to learn or the right of teachers to teach; and
- Any student whose behavior disrupts learning may be subject to disciplinary action.

Academic Integrity Policy

Muskegon Community College expects that all faculty and students will adhere to high standards of personal and academic honesty. This means that all academic work will be done by the student to whom it is assigned without unauthorized aid of any kind. Faculty members, for their part, will exercise care in the planning and supervision of academic work so that honest effort will be positively encouraged.

Definitions

Academic dishonesty consists of, but is not limited to:

1. **Cheating.** Cheating is defined as using or attempting to use, giving or attempting to give, and obtaining or attempting to obtain, materials or information, including computer material pertaining to a quiz, examination, or other work that a student is expected to do alone.
2. **Plagiarism.** Plagiarism is defined as the use of another's words or ideas without acknowledgement.

Penalties for violation of these standards of conduct may result in sanctions of up to and including suspension or expulsion from MCC.

Dispute Resolution Process

Should a student not agree with a faculty member's decision or actions as they may relate to this policy, the following steps shall be followed:

1. A student suspected of academic dishonesty shall be notified in writing within two school days of the time the violation is discovered. Copies of the written notification shall also be filed with the department chair and the Provost and Chief Student Services Officer.
2. The student should try to reach resolution of the matter through direct discussion with the involved faculty member within three school days of the written notification.
3. If the matter is not resolved in Step B, the student shall bring the matter to the attention of the department chairperson of the involved faculty member
4. If the matter is not resolved at the department chairperson level, the student shall bring the matter to the attention of the Vice President for Academic Affairs who shall render a decision within five school days of the receipt of the dispute information.
5. If a satisfactory solution is not reached at the Step D level, the student may file a written request with the Provost and Chief Student Services Officer for a hearing before the disciplinary board. This meeting shall be held not more than 20 days following the written request. A student may request a hearing before the disciplinary board.

Academic Probation

Academic Probation:

Students are placed on Academic Probation when they have completed at least 12 credit hours at MCC and have failed to meet the minimum cumulative grade point average (G.P.A.) of 2.0. A notification of the student's probation status will be sent to the student's MCC email. An academic probation hold will be placed on their record which will prevent them from registering for future courses or dropping current courses. **To have the hold lifted, students are required to meet with a Counselor to discuss how to improve the G.P.A. by using College resources.**

Academic Dismissal:

Students placed on academic probation for two consecutive semesters **MAY** be dismissed from MCC for one semester. Any student who is dismissed from MCC may appeal to the Petitions Committee for reinstatement.

Confidentiality of Records

Notification to Students of Rights Under FERPA

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their educational records. They are:

The **right** to inspect and review the student's education records within 45 days of the day the College receives a request for access. Students should submit to the Registrar a written request that identifies the record(s) they wish to inspect. The College will make arrangements for access and notify the student of the time and place where the records may be inspected.

The **right** to request the amendment of the student's education record that the student believes is inaccurate or misleading. Students may ask the College to amend a record that they believe is inaccurate or misleading. Student should submit to the Dean of Student Services a written request, clearly identifying the part of the record(s) they want changed, and specify why it is inaccurate or misleading. If the College decides not to amend the record as requested by the student, the College will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing. The **right** to consent to disclosures of personally identifiable information contained in the student's education records except to the extent that FERPA authorizes disclosure without consent. One exception, which permits disclosure without consent, is disclosure to school officials with legitimate educational interests. A school official is a person employed by the College in an administrative, supervisory, academic, research, or support staff position; a person or company with whom the College has contracted (such as an attorney, auditor, or collection agency); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility.

The **right** to file a complaint with the U.S. Department of Education concerning alleged failures by Muskegon Community College to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue SW
Washington, DC 20202-4605

Drop/Withdrawal Policy

Withdrawal from College

Withdrawal from college is defined as the student's formal withdrawal from all courses currently in progress.

Military Withdrawal

Any currently enrolled student who is called for military duty shall be dropped from all uncompleted courses with a grade of "WM" - Withdrawal Military and will be granted a refund of all tuition and fees paid upon receipt of a copy of military orders, completed Tuition Refund Appeal to the Student Welcome Center and deliberations of the Petitions Committee.

Illness Withdrawal

The Petitions Committee may allow a "WI" if a qualified professional (doctor, psychologist, etc.) provides written evidence of physical or mental illness. The initiative for such action rests with you, the student, and should be initiated in the semester in which it occurs, except under extenuating circumstances. All Withdrawal Illness requests must be received no later than one semester from the last date of the semester being appealed. A completed Tuition Refund Appeal form with proper documentation must be turned into the Student Welcome Center for review by the Petitions Committee.

Dropping A Course During The Refund Period

You may drop courses **during the listed 100% refund period** using The MyMCC or by submitting a Add/Drop form at the Student Welcome Center and no grades will be recorded on your transcript.

Withdrawing From A Course After The Refund Period Is Over

You may process withdrawals on The MyMCC or by submitting a Add/Drop form to the Student Welcome Center. You are strongly encouraged to consult with your instructor and a counselor prior to processing a withdrawal. If you have financial aid or scholarships, it is especially important for you to contact the Financial Aid Office prior to withdrawing.

You may withdraw from a course after the drop/ refund period until the Friday before final exams begin. For early-ending courses, you may withdraw from a course after the refund period until one day prior to the end date of the course (prior to the final examination). Withdrawal from a course will generate a grade of "W" on your academic record and tuition/ fees are not refunded.

Email Policy

General Statements

Electronic mail is provided to students, employees, and retirees for the official business and educational purposes of MCC. However, MCC recognizes that use of email will occasionally be personal. Accordingly, MCC authorizes the incidental, noncommercial, and personal use of email services, provided that such use does not interfere with the business or mission of MCC.

MCC is a public institution: legally, email is treated the same as any other form of written communication. Messages are subjected to the same legal restrictions and potential liabilities as those of paper documents. Email messages may be subpoenaed, and are subject to the Freedom of Information Act (FOIA). MCC reserves the right, during an investigation for inappropriate use or compromised accounts, to review the messages sent or received through individual email accounts. This action can be conducted without notice. This is intended to protect the integrity of MCC's information systems and its users against unauthorized or improper use. Users of Muskegon Community College computers, email, accounts, mobile devices, network resources, internet access, and other information systems should have no expectation of privacy, as these systems are subject to monitoring and review.

Specific Guidelines

1. All users of the MCC email system are expected to conduct themselves in a legal, professional, and ethical manner. Messages that may be viewed as harassing or intimidating are prohibited.
2. MCC email shall be used in accordance with all applicable federal, state, and local laws, as well as, all other applicable MCC policies and procedures, including those pertaining to copyrighted material.
3. Altering, dismantling, disfiguring, or other actions intended to hide or disguise the identity of the originator of an email message is prohibited. Any attempt to read, delete, copy, or modify the messages of others is prohibited.
4. MCC email may not be used for commercial purposes, other than those that may be sanctioned by MCC.
5. Users should make every effort to protect themselves and others by keeping their antivirus software up-to-date, and avoiding suspicious emails and attachments. It is also a good idea to only open outside messages that are from a familiar source.
6. Employees should notify their manager and contact the faculty/staff helpdesk if they think email accounts are being abused. Students who suspect email abuse are encouraged to contact the student help desk at (866)718- 5170. Violations of this policy may lead to, or include, withdrawal of email privileges.

Enforcement Procedure

Students

Failure to follow acceptable standards will result in the removal of authorization and privileges to use MCC's computer networks along with associated hardware and software as outlined in the MCC Code of Conduct.

Community Members

Failure to follow acceptable standards will result in the removal of authorization and privileges to use MCC's computer networks.

Reinstatement of lost authorization to use MCC's Technology

When privileges are withdrawn for violation of this policy and the individual feels that he/she has been unfairly treated in the implementation of this policy, the individual may file an appeal with the Provost and Chief Student Services Officer. This will convene a meeting of the relevant parties. His/ her decision will be binding.

False Alarm(s)

A false alarm entails activating the fire alarm system in any MCC building or on the property and/or reporting a fire, bomb threat or tampering with any lockdown device (i.e. The Boot) when no emergency exists. Any student making a bomb threat or reporting a false fire or lockdown alarm will be reported to law enforcement officials. Tampering with fire alarms, The Boot and related devices are a criminal offense, which may lead to criminal charges.

Final Grade/Attendance Appeals

Form available at the Student Welcome Center or on MyMCC

If a student chooses to appeal a grade, he/she must complete a Final Grade Appeal form and follow the steps outlined on the form to attempt to resolve the complaint (also listed below). The appeal MUST include a typed letter of explanation of what is being appealed, why it is being appealed and the requested outcome. Any documentation that is pertinent to the appeal should be included.

Steps of the Final Grade Appeal Process:

1. CONSULT WITH INSTRUCTOR to see if an understanding can be reached. If the instructor denies the request, ask the instructor to provide a written response by completing step one on the back of the Final Grade Appeal form. The instructor's response should include a copy of the course syllabus along with an explanation of how the grade was determined.
2. CONSULT WITH DEPARTMENT CHAIRPERSON if step one is denied by the instructor. Continue the appeal by consulting with the Department Chairperson in which the course was offered. The Department Chairperson should provide a written opinion of the appeal along with any additional pertinent information.
3. CONSULT WITH THE PROVOST AND CHIEF STUDENT SERVICES OFFICER or designee if step two is denied by the Department Chairperson to continue the appeal. The Provost and Chief Student Services Officer or designee will provide a written opinion of the appeal along with any additional pertinent information.
4. FINAL GRADE APPEAL REVIEWED BY PETITIONS COMMITTEE If not satisfied with the outcome of the previous decisions, submit the written appeal with Steps 1-3 completed, the typed letter of explanation of what is being appealed and why, along with any pertinent documents attached to the Student Welcome Center.
5. Once a completed Final Grade Appeal is received at the Student Welcome Center, the Petitions Committee will review the appeal at the next scheduled meeting. If the student plans to attend the meeting, he/she must indicate on the appeal form the request to attend the meeting. The student will be notified of the meeting location, date and time by the Registrar upon receipt of the completed appeal. Only the student submitting the appeal will be allowed to attend the review meeting. The student will be notified of the outcome by email to the students MCC email. The determination of the Petitions Committee is final. No further appeal will be considered.

Financial Aid Contract

By accepting the financial assistance offered to me by Muskegon Community College, I agree to and accept responsibility for the following conditions:

1. I will use the financial aid awarded to me only for my educational expenses at Muskegon Community College, including tuition and fees, books and supplies, transportation, room and board, dependent child care, and other similar costs of attendance.
2. If my financial aid awards are based on full time enrollment, the amount credited to my account may be reduced to reflect actual enrollment status. Federal and state financial aid is based on credit hours, not on contact hours. Your actual award will be determined no earlier than 1) at the semester census date (end of the refund period*) for classes that have started or 2) at the start date of any late start class or 3) at the time of awarding if it is past the semester census date. In addition, classes added after the census date may not be considered for supplementary aid. Finally, if I never attend, cease to attend, drop, withdraw or receive all "E's", my financial aid may be reduced or cancelled, and that I may be liable to repay any amount of assistance already received.
3. If I register for classes in any academic semester, and then decide not to attend, I understand that it is MY RESPONSIBILITY to drop those classes.
4. If I receive any additional financial awards from other sources, I will notify the Financial Aid Office in writing immediately. I understand that the financial aid offered by Muskegon Community College may have to be adjusted if I receive any other awards.
5. I understand that I must make normal progress towards the completion of my degree program, as set forth in the "Satisfactory Progress Policy for Financial Aid Recipients". Failure to make satisfactory progress may result in my being ineligible for further aid. I understand that if a deferred payment is extended to me and I have pending grades from the current or prior semester, my financial aid may be canceled if I have not maintained SAP after grades are posted. I agree that I have read and understand the SAP policy in the Financial Aid Contract.
6. If I borrow through the Federal Direct Loan Program, I understand that I must notify the Financial Aid Office at MCC and my lender immediately if I cease to be enrolled in at least 6 credit hours. I also understand that I must repay the loan when it is due, and that failure to repay my loan may result in my being ineligible for any further assistance at Muskegon Community College or any other school.
7. I understand that if I do not graduate from one program before changing to another program, I may no longer be eligible for a subsidized loan and I may lose the subsidy on Direct Subsidized Loans I have already received.
8. I hereby authorize the College to release information concerning my academic progress and/or financial status to any agency or donor who contributes to my financial assistance, since this information may be essential for the continuation of such assistance.
9. I understand that any violation of the regulations governing the financial aid programs is sufficient grounds for termination of my financial aid and referral for disciplinary action. Violations include, but are not limited to, falsification of any document used to obtain financial aid, using financial aid funds for non-educational purposes, and transfer of financial aid funds to others (e.g. using your book voucher to purchase items for others).
10. I understand that I am not eligible for financial aid if I am still in high school. This includes if you are enrolled as a dual enrolled or early college student.
11. I am not eligible for financial aid if I indicated "guest" student status on my admissions application at MCC.
12. I understand that if I fail to meet any or all of the above conditions, my financial aid may be cancelled or revoked, and that I may be liable to repay any amount of assistance already received.

Ombudsman for students

The U.S. Department of Education provides an Office of the Ombudsman to help resolve loan disputes and problems. The following options are available for contacting the office: call toll free at (877) 557-2575, visit the Web site at studentaid.gov/feedback-ombudsman/disputes/prepare, or write to:

Office of the Ombudsman
 Student Financial Assistance
 U.S. Department of Education
 Room 3012, ROB #3, 7th and D Streets, SW
 Washington DC 20202-5144

Satisfactory Academic Progress (SAP) Policy for Financial Aid Recipients

To qualify for financial aid, a student must make satisfactory academic progress toward the completion of an eligible certificate or associate degree program. This policy applies to all students who apply for help from any federal or state financial aid program. It also applies to any other program administered by the College which requires satisfactory academic progress as a criterion for eligibility.

Standards for Eligibility

Students are making "Satisfactory Academic Progress" if they meet the following conditions:

1. Maintain a cumulative grade point average (GPA) of not less than the following:

Credit Hours Completed	Minimum GPA Required
1 - 11	1.50 cumulative
12 and above	2.00 cumulative

2. Complete with a passing grade (that is, an A, B, C, D, or P, including a grade with a "+" or "-") two-thirds of the cumulative hours attempted. All withdrawal grades, incompletes, no-credit grades, transfer credits and repeat classes are considered as hours attempted.
3. Complete their declared program within the maximum limit. For federal aid programs, once you have attempted 150% of the number of credits normally required to complete a degree or certificate, you will not be eligible for any additional federal aid at MCC. Transfer credits classes do not count in the calculation of the GPA, but are included in the calculation of the maximum limit.

Degree Type	Credits Required	150% limit
Regular ASA/AAS	62	93
Nursing ASA	84	126
Respiratory Therapy	101	151

Additional Standards and Definitions

- Transfer credits, incompletes and withdrawal grades do not count in the calculation of the GPA.
- Repeating a class – a student may receive financial aid for a previously passed course only one additional time. You are allowed to repeat a failed or withdrawn course until it is passed, if otherwise maintaining SAP.
- Up to 30 remedial credits may be eligible for financial aid if they are required by the student’s academic degree program provided the total doesn’t exceed the maximum number of credits allowed by the maximum time frame standard.
- SAP calculations include all cumulative attempted credits (regardless who paid for them) registered for at the semester’s or course’s census date.
- Financial aid eligibility status - students are evaluated for SAP at the end of each semester enrolled. Eligibility status is categorized as Satisfactory, Warning or Suspension.
- The Pace of Progression is calculated by dividing the cumulative hours successfully completed by the cumulative hours attempted. Monitoring the pace of progression will ensure completion of the program within the maximum time frame.
- Only courses that apply to a student’s declared program are eligible for financial aid.
- The financial aid SAP Policy is separate from the College’s general probation/dismissal policy.

Explanation of Eligibility Status

1. **Satisfactory Status:** The student is in good standing and meets all conditions of the SAP policy standards.
2. **Warning Status:** The student has failed to meet one or more conditions of the SAP policy standards at the end of a semester. A student placed on warning will be allowed to receive aid for one additional semester.
3. **Suspension Status:** The student has failed to meet one or more conditions of the SAP policy standards after two consecutive semesters. A student placed on suspension is not eligible for additional aid until they 1) raise the cumulative GPA up to the minimum required, and/or 2) earn enough credits to meet the minimum cumulative completion rate required. The student would be responsible to pay for any additional classes needed to bring them back into good standing.
4. **Financial Aid Probation Status:** A student placed on probation has successfully appealed their suspension status by demonstrating that they have the ability to earn a cumulative 2.00 GPA and 67% completion rate by the end of their next semester. If after one semester on probation the student is not back to satisfactory status, they would not be eligible for future aid unless they were successfully following a Financial Aid Academic Plan.
5. **Financial Aid Academic Plan:** A student on suspension that cannot return to a satisfactory status within one additional semester must meet with an MCC counselor and develop a Financial Aid Academic Plan. The Plan must be strictly followed and the conditions set forth must be met. The student will remain on the Plan until returning to a satisfactory status. If the conditions are not met, all future aid will be canceled. The student would be responsible to pay for any additional classes needed to bring them back into good standing.

Loss of Eligibility, Appeal, and Reinstatement

If you are denied aid under this Policy, you have the right to appeal. If you feel there are mitigating circumstances in your case, you must complete the “Appeal Form for Satisfactory Academic Progress (SAP) and Loan Denial”. The appeal form must be submitted to the Student Welcome Center before the beginning of the semester you wish to attend. You must address the problem(s) of why you have been unsuccessful in the past and what has changed that will allow you to be successful in the future. The Committee will normally consider such things as illness, a change in job schedule, or other extenuating circumstances (which were beyond your reasonable control) as grounds for a successful appeal. Be sure to include documentation (for example, a doctor’s statement) and a Financial Aid Academic Plan, if appropriate. To complete a Financial Aid Academic Plan, contact the Counseling and Advising Center at (231)777-0362.

Students that successfully appeal are placed on either Financial Aid Probation OR placed on a Financial Aid Academic Plan that ensures they will meet SAP standards by a specific point in time.

If you want federal aid to earn a second degree, you must appeal in writing, stating your academic goal, and provide a Financial Aid Academic Plan including documentation (such as a “graduation audit”) of the classes needed to accomplish your goal.

This policy states the minimum required for most financial aid programs. However, some scholarship and loan programs require a higher standard (usually a higher GPA). Therefore, you may qualify for most aid programs by meeting the above conditions, but be denied a specific scholarship or loan unless you raise your GPA or pass additional credit hours.

Financial Aid Refunds

Financial Aid recipients who withdraw from classes will have their tuition accounts adjusted according to the College’s regular tuition refund policy (see “Refund Policy”). If you find it necessary to withdraw during a semester, you should notify the Student Welcome Center in person as soon as you can.

Federal aid recipients who withdraw from ALL classes before they complete 60% of the semester may have to repay a prorated portion of the federal aid they received.

Freedom of Expression



MUSKEGON COMMUNITY COLLEGE

Muskegon Community College is committed to protecting freedom of expression, freedom of speech, and the right to peaceably assemble. The College supports individuals and groups exercising these rights on its campuses, consistent with applicable laws and college policies. The purpose of this policy is to facilitate expressive activities while ensuring that such activities do not interfere with college operations, campus safety, or the learning environment.

For individuals lawfully present on MCC campuses, outdoor common areas are designated as venues for free expression, including spontaneous expression, speeches, demonstrations, and distribution of information. Individuals or groups wishing to engage in commercial solicitation must reserve time and space in accordance with college procedures.

For purposes of this policy, examples of expression include, but are not limited to:

- Group activities
- Speeches, performances, demonstrations, parades, marches, rallies, vigils, and similar events
- Distribution of informational materials such as circulars, newspapers, leaflets, and pamphlets
- Any other expression protected by the First Amendment to the U.S. Constitution

Requests related to Freedom of Expression activities should be directed to the Chief Compliance & Title IX Officer, Kenneth James, at kenneth.james@muskegoncc.edu or the Dean of Student Services, Patti Davignon, at patti.davignon@muskegoncc.edu. Requests should be submitted at least two business days in advance when possible.

MCC retains its jurisdiction to regulate the time, place, and manner of expressive activities when enforcing this policy but shall not restrict students' expression based on concerns about other person(s)' negative reaction to the expression. MCC will also take reasonable steps to ensure campus safety while allowing expressive activities to continue unless College operations are materially and substantially disrupted.

For purposes of this policy, outdoor common areas include lawns, sidewalks, benches, and other outdoor spaces not otherwise reserved.

The peaceful distribution of informational materials in outdoor common areas does not, by itself, constitute a substantial or material disruption of the learning environment.

Expressive activities are permitted during periods when College facilities are open to the general public.

For purposes of this policy, examples of prohibited conduct include, but are not limited to:

- Violating the rights of others
- Defaming individuals
- Threats or harassment
- Invasion of privacy or confidentiality interests
- Blocking access to campus buildings or facilities
- Impeding pedestrian or vehicle traffic
- Obstructing entry or exit to College property or events
- Using audio amplification devices without College authorization
- Using fire or pyrotechnics
- Attaching materials to College buildings, equipment, fences, trees, or property without College authorization

MCC does not assume responsibility for the content of expressive activities or distributed materials. Individuals engaging in expressive activities are responsible for any property damage, cleanup following activities, and compliance with applicable College policies and local, state, and federal laws.

Policies & Procedures

General Academic Policies

Class Standing

For the purposes of records and reporting, students are classified as freshmen if they have completed 25 credit hours or less, sophomores if they have completed 26 credit hours or more.

Graduation Credential Requirements

To receive an associate degree, diploma, or certificate at Muskegon Community College, a student must meet the following requirements:

A. All candidates must maintain a cumulative 2.0 grade point average. Health programs may have a different GPA requirement.

B. A minimum Muskegon Community College credit requirement (Residency Requirement).

1. Associate Degrees - A student must complete not less than 30 credit hours or the last 15 credit hours at Muskegon Community College in order to receive an associate degree.

2. Diplomas - A student must complete 26 credit hours at Muskegon Community College in order to receive a diploma.

3. Certificates - A student must complete 6 credit hours at Muskegon Community College in order to receive a certificate.

C. Students returning to Muskegon Community College after a three (3) year absence or longer will be under the requirements of the current catalog.

Any exceptions to these graduation requirements must be brought before the Petitions Committee with the full concurrence of the department(s) involved.

Associate in Science and Arts Degree Requirements

The Associate in Science and Arts (ASA) Degree is primarily a transfer-oriented degree. In order to receive the degree, each student must complete a minimum of 62 credit hours of course work and meet all of the program requirements as listed in the Muskegon Community College catalog.

Associate in Applied Science Degree Requirements

The Associate in Applied Science (AAS) Degree is awarded for successful completion of an occupationally oriented curriculum. It may also be used as a transfer degree to certain baccalaureate programs. Please note, developmental credits can not be used toward graduation.

Candidates for this degree must complete a minimum of 62 credit hours of course work and all course requirements for a specific associate in applied science program as outlined in the Muskegon Community College catalog.

Graduation requirements for the associate degree may include two credits in physical education. Refer to program pages for specific courses which will fulfill graduation requirements.

The maximum number of cooperative internship credit hours that may be applied toward an associate degree is 12 and many programs permit even fewer.

Program Evaluation (Degree Audit)

My Progress is a tool in Student Planning that shows the requirements for students' academic program as outlined in the catalog for the year they were admitted and their progress toward completing those requirements. The audit shows both the courses transferred in from other institutions and courses completed at Muskegon Community College. It includes their grades and GPA.

Under My Progress in Student Planning, students may select “view a new program” to compare their academic record/progress to any program they might indicate, without changing their academic program. This can be a very helpful tool for students considering a change of program, but does not know how their record might apply to the requirements of the new program.

Students are encouraged to review My Progress in Student Planning by logging into MyMCC. My Progress is the primary tool used during counseling/advising and in preparing for graduation.

Application for Graduation

To graduate from Muskegon Community College with a degree or a certificate, you begin the process by completing an Application for Graduation online in Student Planning. You must have completed at least 47 credit hours if you are applying for an associates degree. The application deadline dates are as follows:

- Fall Semester Graduation.....November 1
- Winter Semester Graduation..... March 1
- Summer Semester Graduation..... June 1

The graduation audit will be based on the requirements in effect at the time of the student’s initial enrollment, unless updated catalog requirements are specifically requested. (Students may not apply for graduation under requirements that were printed for a year they were not in attendance at the College.) Students returning to Muskegon Community College after an absence of THREE YEARS OR LONGER will be under the requirements of the current catalog.

When your Application for Graduation is complete, a review of your academic record will be conducted by the Office of the Registrar to determine if graduation requirements have been met. You will be notified through MCC email.

Students are not eligible for graduation until all delinquent tuition, fees, and fines have been paid. The student is responsible for meeting all graduation requirements.

Multiple Degrees

You may earn and be awarded two or more degrees (and/or certificates), provided that all academic requirements for the degrees have been met. A graduation audit will be conducted for each degree requested. Multiple diplomas or certificates will be awarded when appropriate.

President’s List - The names of those students who have completed 12 credit hours with a 4.0 grade point average in any semester are published by the College, subject to permission of the student. Those so recognized are designated as President’s List Students.

Dean’s List - The names of those students who have completed 12 credit hours with a 3.5 grade point average or higher in any semester are published by the College, subject to permission of the student. Those so recognized are designated as Dean’s List Students.

Academic Honors List - The names of those students who have completed at least 6 credit hours and fewer than 12 credit hours with a 3.5 grade point average or higher in any semester are published by the College, subject to permission of the student. Those so recognized are designated as Academic Honors List Students.

Academic Forgiveness

(Re-evaluation of Grades for An Entire Semester)

The College permits students within specific and defined guidelines to petition for Academic Forgiveness for an entire semester by submitting a “Performance Agreement” form. You must see a counselor to discuss and initiate the agreement.

Students granted academic forgiveness will have their cumulative grade point averages recalculated. While the forgiven grades will continue to appear on the official transcript, they will be noted on the transcript as forgiven.

Repeated Courses

The Muskegon Community College Course Repeat Rule was developed to provide fair access to classes. It allows the student to repeat the course once. Instructor permission is required to take a course more than twice.

To repeat a course, a student must register for and pay all necessary fees. Each grade received will appear on a student’s record, but only the last grade awarded is used in computing a GPA. Keep in mind that if you retake a class and receive a lower grade, the last grade is still the one that counts. When transferring to another college or university, you may be held accountable for all attempts and grades associated with a course taken at Muskegon Community College.

Substitution Waiver

A substitution waiver is the substitution of a required course in a degree or certificate with an alternate course. Substitution waivers do not reduce the total number of credit hours required in a degree or certificate or in general education requirements. Course substitution waivers are granted for a specific degree or certificate and a specific catalog year. The granted substitution waiver will not automatically apply toward other degrees and certificates you are pursuing.

You may request a substitution waiver by contacting an academic counselor.

Grading System

Final grades are posted on your academic record and can be found through the MyMCC under your Planning & Registration, Student Planning & Registration, click on the Academics tab, and then choose Grades.

Quantitative Grade Values

A.....4.0	B-.....2.7	D+.....1.3
A-.....3.7	C+.....2.3	D.....1.0
B+.....3.3	C.....2.0	D-.....0.7
B.....3.0	C-.....1.7	E.....0.0

Non-quantitative Grades (not computed)

- P..... Pass
- NP..... No Pass
- W.....Withdrawal
- WI.....Withdrawal—Illness
- WM.....Withdrawal—Military Activated

CS.....Community Service

AU..... Audit

I.....Incomplete

Pass/No Pass - These grades are not optional but a standard grading system for particular courses.

“Incomplete” Policy - When you are unable to complete all of the required work for a course because of illness or other unpredictable circumstances, you may request an Incomplete (I) grade. When requested by the student, the instructor’s judgment will determine whether the incomplete grade will be assigned. If the instructor does not deem the circumstances to be appropriate for an Incomplete (I), you may elect to withdraw from the course according to the withdrawal policy.

Although shorter time periods may be assigned on a case-by-case basis, “I” grades must be completed within one year of the official occurrence of the grade.

Once you complete the necessary requirements for the class, a Change of Grade Form must be submitted for you by the instructor to receive a grade greater than an “E.” Any “I” (incomplete) grades that are not changed within one year of the official occurrence of the grade will default to an “E.”

Grade Point Average (GPA) - Each letter grade has a point value as indicated above. The number of grade points earned for each course is found by multiplying the credit value of the course by the point value of the final grade. For example, a student with a final grade of “B” in Political Science (PSCI) 111 would earn 12 grade points, since a “B” has a point value of 3, and Political Science 111 is a 4-credit course.

The semester grade point average is calculated by adding the total points for ALL courses and dividing by the total number of credit hours taken during the semester.

Example:

Course	Credits	Grade	Grade Points
ENG 101	3	A	12
PSCI 111	4	C	8
PHSC 101A	4	B	12
ART 198	3	D	3
TOTAL	14	35	

35 Grade Points divided by 14 Credits equals 2.50 Grade Point Average (GPA)

$$(35 \div 14 = 2.50)$$

The cumulative grade point average is found by dividing the total of all points earned in all semesters by all credits taken to date.

Academic Load - Students are not permitted to enroll for more than 18 credit hours without the approval of a counselor.

Academic Probation

Academic Probation: Students are placed on Academic Probation when they have completed at least 12 credit hours at MCC and have failed to meet the minimum cumulative grade point average (G.P.A.) of 2.0. Students will be notified of probation status by email. An academic probation hold will be placed on their record which will prevent them from registering for future courses or dropping current courses. **To have the hold lifted, students are required to meet with a Counselor to discuss how to improve the G.P.A. by using College resources.**

Academic Dismissal: Students placed on academic probation for two consecutive semesters **MAY** be dismissed from MCC for one semester. Any student who is dismissed from MCC may appeal to the Petitions Committee for reinstatement.

Registration Information

Registration at Muskegon Community College takes place three times a year, starting in April for the fall semester, November for the winter semester, and March for the summer session. The fall and winter semesters are 15 weeks in length and the summer session is 12 weeks in length. The summer session generally begins in May and is offered with a variety of start and ending dates. Register as soon as you are eligible to help ensure your place in the classes you desire.

To ensure you are eligible to register, make sure you have:

- Been admitted or readmitted to Muskegon Community College
- Cleared all financial holds
- Completed all placement tests or submitted appropriate ACT, SAT or MME scores.
- Have completed all course prerequisites
- Completed new student orientation

A. Testing. Before registering for classes, send any previous placement exam scores to Muskegon Community College, such as ACT, SAT, Accuplacer, etc. These scores may be used by a Counselor to help place you into the courses that are most appropriate for your current level of knowledge. Please consult a counselor for more information.

B. Counseling. Schedule an appointment to see a counselor early. The counselor can assist you in curricular planning and with other concerns you may have.

Priority Registration

Priority Registration is available exclusively to currently enrolled students. Using the MyMCC, current students have the first opportunity to select courses before registration is open to other individuals. Registration is based on a priority system that allows you to begin registration according to the number of total MCC credit hours completed. Priority begins with students who have earned the most MCC credit hours and ends with the students with the least MCC credit hours. A few weeks before priority registration begins, students will be emailed with their priority registration start times. You may register starting at your assigned time or after, but not before.

Online Registration

To register for classes online: Step-by-Step instructions for registering for classes online in Self-Service/Student Planning are available online at www.muskegoncc.edu/registration. For additional assistance with online registration, email registration@muskegoncc.edu or call (231) 777-0211.

Adding Courses: Prior to the beginning of the semester, you may add courses from the start of the registration period up to the day the class begins. A student must have written permission of the instructor to add a class once it has met. Regarding online classes, a student must have written permission of instructor to add a class on or after its published start date. Refer to Student Planning in the MyMCC for class information.

Dropping Courses

(Other than complete withdrawal from the College)

The preferred method of dropping courses is through Student Planning in the MyMCC. You may also drop courses by submitting an Add/Drop form in-person, to the Student Welcome Center prior to the withdraw deadline. If changing courses/ sections after the drop period, students may only transfer from one section of a course to another section of the same course. Students attempting to drop and add courses of different names outside of the 100% refund period will be billed for tuition accordingly.

You are strongly encouraged to consult with your instructor and a counselor prior to processing a withdrawal. If you have financial aid or scholarships, it is especially important for you to contact the Financial Aid Office prior to withdrawing. You may drop/withdraw through Student Planning in MyMCC or by submitting an Add/Drop form to the Student Welcome Center.

- No grade will be recorded on your transcript if the course is dropped **during the drop/ refund period**.
- You may withdraw from a course **after the drop/refund period** up to the week prior to examinations. For early-ending courses, you may withdraw from a course after the refund period until one day prior to the end date of the course (prior to the final examination). Withdrawal from a course will generate a grade of "W" on your academic record and tuition/fees are not refunded.

Prerequisites & Co-Requisites

Prerequisites and co-requisites are listed in course descriptions and are subject to change with each new catalog. It is the student's responsibility to meet the prerequisites and / or co-requisites in effect for the term in which a course is taken, regardless of the catalog under which the student entered or will graduate. Students may be stopped from enrolling or may be dropped if prerequisites or co-requisites are not met.

Prerequisite: A prerequisite is a requirement that must be successfully completed before a student may enroll in a course. Prerequisites are based on the essential skills or competencies to be successful in the next level course.

Co-requisite: A co-requisite is a course that is either recommended or required to be taken in combination with another course.

Wait Lists

Once a course has reached the maximum enrollment, students are given the option to be placed on a wait list. This option must be chosen at the time of registration. The wait listed course cannot conflict with other courses in the student's registration schedule and cannot be place on multiple sections of the same course.

Being on a wait list does not mean the student is registered in the course. Once space becomes available in a class, wait listed students will be offered a position, via their MCC email, in the class based on the student's position on the wait list. Students will have 48 hours to register in the course before the position will be offered to the next student on the wait list.

Audit Policy

If you wish to attend a class, but do not desire credit or a grade, you may elect to audit a class. If you audit a class, you are required to pay the same tuition and fees as those taking courses for credit.

MCC permits students to register for college credit courses on a non-credit (audit) basis. Those who wish to do so should consult with a member of the counseling staff regarding College policies and procedures for audit status enrollment.

These policies include the following:

1. Students may audit courses so long as they (a) register specifically for audit status; (b) pay regular tuition and fees as listed in the official publications of the College; and (c) comply with all assignments, projects, tests, and learning experiences required of credit-status (regular status) students unless they explicitly make another arrangement that is mutually agreeable to both instructor and student.
2. Audit status students should realize that unless they complete all regular course requirements it will probably not be possible to convert from audit status to credit status at a later date. Audit status students who have completed all regular course requirements to date and wish to change from audit status to credit status must complete a Request to Change from Audit to Credit Form and submit it to Room 1048J. Such petitions must include a note from the instructor stating the student has completed all regular course requirements to date. **This request must be processed prior to the final examination.**
3. Students who register for a credit class cannot change to audit status.
4. For students who complete all requirements, instructors will record the progress of audit students in the same manner as credit students. A grade of "AU" will be recorded on the audit status student's transcript at the end of the semester, and will not be used to compute grade point averages. **Please also note that audit credit cannot be used to complete a degree or transferred to another institution.**

Credit Hour

As a rule of thumb, each credit hour equals one hour of class or two hours of laboratory work per week. Exceptions are noted in course descriptions.

Employment and Classload

Many students find it necessary or even desirable to be employed while attending college. Although enrollment on a full-time basis is very demanding, you may find that you can maintain satisfactory grades even while working part-time. The following table provides general guidelines for those students who plan to work:

Classload/Workload

13 or more Cr. Hr. per Semester.....	15 or less Extracurricular Hrs. per Week
10 - 12 Cr. Hr. per Semester.....	24 or less Extracurricular Hrs. per Week
7 - 9 Cr. Hr. per Semester.....	32 or less Extracurricular Hrs. per Week
3 - 6 Cr. Hr. per Semester.....	40 or less Extracurricular Hrs. per Week

If you stop attending a course and do not formally withdraw, the instructor has the option of initiating a grade of "W" or a grade of "E".

Attendance

You are expected to attend all sessions of the classes in which you enrolled. You may be withdrawn from the class at the discretion of the instructor if you have excessive absences. Instructors who do not take attendance into account when determining your status in the course must maintain other consistent means of showing participation.

General Student Complaints

The General Student Complaint Form is available on MyMCC under the Care and Concern Request link.

Student complaints regarding College operations not otherwise covered in the catalog's Petitions section should report in writing the concerns to the Provost and Chief Student Services Officer or designee. Student complaints shall not be the basis for any discipline against a supervisor, staff member, or faculty member. There are separate academic and disciplinary appeal processes and procedures to resolve academic and disciplinary issues.

The following procedures shall apply for general student complaints:

1. The Provost and Chief Student Services Officer or designee will receive a student's verbal or written complaint, consider the merit of the complaint, and will take any action considered appropriate or necessary. At this level, the student has the right to remain anonymous.
2. If the student's verbal or written complaint is not resolved to the student's satisfaction and the student wishes to continue to pursue the complaint, the student must submit a request in writing to the Provost and Chief Student Services Officer or designee requesting further resolution. The written request must include the specific nature of the complaint, reasons for filing the complaint, and specific remedy requested. At this level, the student may no longer remain anonymous. The Provost and Chief Student Services Officer or designee will seek a resolution by contacting the appropriate College employee who is responsible for the College operation complained about and arrange a meeting between the parties involved to discuss a possible resolution. The written complaint will be forwarded to all appropriate parties involved in the conflict prior to the meeting.
3. Should resolution not be reached, the Provost and Chief Student Services Officer or designee will review the complaint and all supporting material and render a written decision regarding the complaint with rationale.
4. In the event that the Provost and Chief Student Services Officer or designee is unable to resolve the complaint, the complaint will be forwarded to the Student Services Council for review and action. The student has the option to attend the meeting to provide verbal explanation. If the student plans to attend the meeting, they must indicate on the appeal form the request to the meeting. The student will be notified of the meeting location, date and time by the Registrar upon receipt of the completed appeal. Only the student submitting the appeal will be allowed to attend the review meeting. The student will be notified of the outcome by mail. The determination of the Student Services Council is final. No further appeal will be considered. In considering all other types of petitions/appeals, the Council reviews requests and refers students to the appropriate campus office for action. These referrals may be accompanied by the recommendation of the Council. Students may present questions regarding any regulation or policy of MCC.

Institutional Governance for Internal Communication

MCC has five permanent advisory councils, representative of the major service functions of the college: Instructional Affairs Council, Student Services Council, Business Administration Council, Information Technology Council, and the Joint Sustainability Council. A sixth council, the Coordinating Council, serves as the clearinghouse for all actions put forth by the advisory councils. The Coordinating Council expedites and implements recommendations made by the five councils.

These councils, in cooperation with the administration, Faculty Association, Student Government Association and non-teaching associations, provide orderly channels for seeking opinions, expressing ideas and developing recommendations. It is expected that these councils will be primarily policy-planning and recommending in their functions. However, it is conceivable that the councils may, on occasion, serve as sounding boards for determining the merit of a new idea or to discuss the feasibility of calling for a review of established policies, practices and/or procedures. Individuals who have proposals for consideration should forward them to the appropriate council through the Council Chairperson.

Council by-laws, meeting agendas, and meeting minutes may be reviewed through Campus Governance on MyMCC.

Procedural Guidelines for All Councils

1. Each Council will act to adopt its agenda as the first order of business.
2. Councils will take action by consensus rule or vote, as determined by individual councils.
3. Council meetings will be scheduled according to each council's bylaw.
4. Representatives are expected to attend all meetings.
5. A quorum will consist of a simple majority of voting membership.
6. Term of membership will be one (1) academic year and is renewable. Vacancies will be filled through appointments by the respective group.
7. Chairperson is to be elected according to each council's bylaw.
8. Chairperson's Duties:
 1. Presiding Officer
 2. Appoint Chairperson and members of sub-committees
 3. Ex-officio member of all sub-committees
 4. Council representative to Coordinating Council
9. Members of Ad-hoc committees or subcommittees need not be members of any Council.
10. Each Council shall decide their own voting membership.

Refund Policy

(Subject to change—refer to MyMCC)

Muskegon Community College believes that students should be allowed to attend at least one class meeting without penalty. During that class meeting you can review the detailed requirements of the course syllabus and estimate the workload required. This should enable you to make an informed judgment about the course and increase your probability of success.

Refunds will first be applied to any outstanding debts owed to the College by the student; the balance will be sent in an electronic disbursement through the student's "My MCC OneCard" no later than 10 business days after the award date (typically Census date) or loan disbursement. For Find more information on the "My MCC OneCard" visit www.mymcconecard.com.

Schedule of Refund Days

Fall and Winter Semesters:

Class Length (in weeks)	Number of Business Days to Drop a Class for Tuition Refund
15 Weeks	10 days from the start date of the Semester
13-14 Weeks	7 days from the start date of the class
11-12 Weeks	6 days from the start date of the class
9-10 Weeks	5 days from the start date of the class
7-8 Weeks	4 days from the start date of the class
5-6 Weeks	3 days from the start date of the class
3-4 Weeks	2 days from the start date of the class
1-2 Weeks	1st day of the class

Summer Semester:

Class Length (in weeks)	Number of Business Days to Drop a Class for Tuition Refund
12 Weeks	10 days from the start date of the Semester
11 Weeks	6 days from the start date of the class
9-10 Weeks	5 days from the start date of the class
7-8 Weeks	4 days from the start date of the class
5-6 Weeks	3 days from the start date of the class
3-4 Weeks	2 days from the start date of the class
1-2 Weeks	1st day of the class

Residency Change Appeals

Form available at the Student Welcome Center or on MyMCC.

MCC Board Policy states a student must live within the confines of Muskegon County for at least six months prior to the start of the semester in order to receive In-County Tuition or within the confines of the State Michigan in order to receive Out-of-County Tuition. If a student has proper documentation, but requests the change after the start of the semester, a Tuition Refund Appeal for Residency Change must be completed with the following requirements:

1. A complete Student Personal Data Change Request form with proof of residency (see form for allowable documents) for at least six months prior to the start of the semester being appealed.
2. If the student received financial aid for the semester being appealed, the appeal must first be reviewed by a Financial Aid representative.
3. Once a completed Tuition Refund Appeal is received at the Student Welcome Center, the Petitions Committee will review the appeal at the next scheduled meeting. The student has the option to attend the meeting to provide verbal explanation. If the student plans to attend the meeting, he/she must indicate on the appeal form the request to attend the meeting. The student will be notified of the meeting location, date and time by the Registrar upon receipt of the completed appeal. Only the student submitting the appeal will be allowed to attend the review meeting. The student will be notified of the outcome by email to the students MCC email. The determination of the Petitions Committee is final. No further appeal will be considered.

Tuition Refund Appeals Due to Course Related Issues

Form available at the Student Welcome Center or on MyMCC.

If a student withdraws from a class after the refund period has ended due to a Course Related Issue, he/she can appeal for a refund. A Tuition Refund Appeal form must be completed. The appeal MUST include a typed letter of explanation of what is being appealed, the reason for the appeal, and any specific remedy being requested. Any documentation that is pertinent to the appeal should be included.

1. Discuss the issue with the instructor to see if an understanding can be reached. If an agreement cannot be reached, ask the instructor to provide a written response.
2. To continue the appeal, consult with the Department Chairperson in which the course was offered. Ask the Department Chairperson to provide a written opinion of the appeal along with any additional pertinent information.
3. If step two does not resolve the issue, consult with the Vice President or designee to continue the appeal. Ask the Vice President for Academic Affairs or designee to provide a written opinion of the appeal along with any additional pertinent information.
4. If not satisfied with the outcome of the previous discussions, submit the written appeal with Steps 1-4 completed, a typed letter of explanation of what is being appealed, the reason for appeal, and the requested remedy, along with any pertinent documents to the Student Welcome Center. Note: If the student received financial aid for the semester being appealed, the appeal must first be reviewed by a Financial Aid representative before being submitted to the Student Welcome Center.

5. Once a completed Tuition Refund Appeal is received at the Student Welcome Center, the Petitions Committee will review the appeal at the next scheduled meeting. The student has the option to attend the meeting to provide verbal explanation. If the student plans to attend the meeting, he/she must indicate on the appeal form the request to attend the meeting. The student will be notified of the meeting location, date and time by the Registrar upon receipt of the completed appeal. Only the student submitting the appeal will be allowed to attend the review meeting. The student will be notified of the outcome by email to their MCC email account. The determination of the Petitions Committee is final. No further appeal will be considered.

Tuition Refund Appeals Due to Verifiable Error of MCC

Form available at the Student Welcome Center or on the MyMCC.

Students may appeal for a tuition refund due to a Verifiable Error of MCC when information was given to the student by a MCC staff member that was incorrect. A Tuition Refund Appeal form with the steps outlined on the form in an attempt to resolve the complaint (also listed below) must be completed. Any documentation that is pertinent to the appeal should be included.

1. The appeal MUST include a typed letter of explanation of what is being appealed, the reason for the appeal, and any specific remedy being requested.
2. A detailed account of the problem and relevant documents on College letterhead from the College Office involved or advisor indicating that incorrect information was given by a College representative.
3. If the student received financial aid for the class(es) being appealed, the appeal must first be reviewed by a Financial Aid representative.
4. Once a completed Tuition Refund Appeal is received at the Student Welcome Center, the Petitions Committee will review the appeal at the next scheduled meeting. The student has the option to attend the meeting to provide verbal explanation. If the student plans to attend the meeting, he/she must indicate on the appeal form the request to attend the meeting. The student will be notified of the meeting location, date and time by the Registrar upon receipt of the completed appeal. Only the student submitting the appeal will be allowed to attend the review meeting. The student will be notified of the outcome by email to the students MCC email. The determination of the Petitions Committee is final. No further appeal will be considered.

Tuition Refund Appeal and Withdrawal Illness (WI)

Form available at the Student Welcome Center or on the MyMCC.

Students may request to have a grade changed to Withdrawal Illness (WI) due to an illness or injury of the student or a close family member in addition to requesting a refund/credit for amount due. In the case of a death of a close family member, students can also appeal for a Withdrawal Illness (WI) due to bereavement. The Tuition Refund Appeal must be completed with the following requirements:

1. The appeal MUST include a typed letter of explanation of what is being appealed, the reason for the appeal, and any specific remedy being requested.
2. FOR ILLNESS/INJURY – A signed statement on letterhead from the health care provider must describe in writing the medical condition (whether injury or illness), how it has incapacitated the student, and recommending withdrawal of all classes or specific classes and why. Excuse slips, copies of invoices, appointment confirmations, statements of insurance payments, etc. are not acceptable documentation.
FOR BEREAVEMENT - Documentation that clearly indicates the name and date of the deceased and includes the name of the student and the relationship. The relationship must be clearly indicated within the documents. Example: Death certificate of deceased parent and birth certificate of student should show the relationship.
3. If the student received financial aid for the class(es) being appealed, the appeal must first be reviewed by a Financial Aid representative.
4. Once a completed Tuition Refund Appeal is received at the Student Welcome Center, the Petitions Committee will review the appeal at the next scheduled meeting. The student has the option to attend the meeting to provide verbal explanation. If the student plans to attend the meeting, he/she must indicate on the appeal form the request to attend the meeting. The student will be notified of the meeting location, date and time by the Registrar upon receipt of the completed appeal. Only the student submitting the appeal will be allowed to attend the review meeting. The student will be notified of the outcome by email to the students MCC email. The determination of the Petitions Committee is final. No further appeal will be considered.

Tuition Refund Appeal and Withdrawal Military (WM)

Form available at the Student Welcome Center or on the MyMCC.

Students may request to have a grade changed to Withdrawal Military (WM) due to induction into the US Military. The Tuition Refund Appeal must be completed with the following requirements:

1. The appeal MUST include a typed letter of explanation of what is being appealed, the reason for the appeal, and any specific remedy being requested.
2. An induction letter or orders from the US Military including the date of induction or call up.
3. If the student received financial aid for the class(es) being appealed, the appeal must first be reviewed by a Financial Aid representative.
4. Once a completed Tuition Refund Appeal is received at the Student Welcome Center, the Petitions Committee will review the appeal at the next scheduled meeting. The student has the option to attend the meeting to provide verbal explanation. If the student plans to attend the meeting, he/she must indicate on the appeal form the request to attend the meeting. The student will be notified of the meeting location, date and time by the Registrar upon receipt of the completed appeal. Only the student submitting the appeal will be allowed to attend the review meeting. The student will be notified of the outcome by e-mail to their MCC email account. The determination of the Petitions Committee is final. No further appeal will be considered.

Student Code of Conduct

Article I: Statement of Purpose

The Board of Trustees, administration, faculty, and staff of Muskegon Community College have a primary concern for the academic achievement standards and personal integrity of our students. We recognize our obligation to protect MCC property and we take a special interest in the mental and physical health and safety of our community.

We are committed to preserving the peace, uplifting campus morale, and creating a civil climate on our campus. Students enrolling in MCC as well as visitors on campus assume an obligation to behave in a manner compatible with the MCC's function as an educational institution. MCC has adopted the following policies and procedures as an expression of its expectations of student conduct.

Article II:

Section A:

Jurisdiction of MCC

College jurisdiction extends to individuals and conduct on college premises as well as student conduct which occurs off college premises or online and which adversely affects members of the MCC community and/or the pursuit of the MCC mission

Section B:

Conduct-Rules and Regulations

Any student or organization found to have committed or to have attempted to commit any of the following acts of misconduct is subject to the disciplinary sanctions outlined in Article IV.

Section 2.01

Acts of being dishonest or facilitating academic dishonest, including, but not limited to:

- (a) Cheating, including cyber cheating
- (b) Fabricating
- (c) Plagiarizing, including internet plagiarizing
- (d) Committing acts of forgery
- (e) Bribing, purchasing or receiving another's work and using or submitting it as one's own
- (f) Submitting the same assignment to more than one instructor without the permission of the instructors

Section 2.02

Violation of any provisions of the professional and/or ethical codes of programs in the fields of respiratory therapy, nursing, or any other applicable programs.

Section 2.03

Interference with the college-approved operation of any college-recognized student organization.

Section 2.04

Disorderly conduct affecting (but not limited to): administration, disciplinary proceedings, disruption or obstruction of teaching, research, and other college and campus activities.

Section 2.05

Conduct which alarms, threatens, or in some manner unreasonably disrupts the learning process of another student and/or the ability of faculty to teach.

Section 2.06

Physical abuse, verbal abuse, threats, intimidation, stalking, coercion and/or other conduct which threatens or endangers the health, well-being, or safety of any person.

Section 2.07

Sexual misconduct. (See the Sexual Misconduct Policy)

Section 2.08

Harassment which serves to degrade the status of another person. Most often, harassment focuses on a personal attribute, singling it out for ridicule, attack, or disparagement. Such attributes include, but are not limited to age, economic class, gender, gender identity, transgender status, physical or mental disability, race or ethnic origin, religion, and sexual orientation, gender identity and transgender status. Harassment may include physical contact, written, electronic or verbal comments or suggestions, obscene or offensive pictures or jokes, hostile or threatening gestures or other forms of degradation. This includes acts of harassment carried out by one or more students on behalf of and/or at the request of another student.

Section 2.09

Theft or unauthorized use or possession of and/or damage to property of MCC, property of a member of the MCC community, or other personal or public property.

Section 2.10

Hazing, which is an act which endangers the mental or physical health or safety of a student, or involves the forced consumption of liquor or drugs, or which destroys or removes public or private property for the purpose of initiation, admission into, affiliation with, or as a condition for continued membership in a group or organization. Consent of the participants is not a defense against a complaint of hazing.

Section 2.11

Failure to comply with directions of an MCC employee, or emergency or service personnel acting in performance of their official duties.

Section 2.12

Failure to identify oneself to an MCC employee, or emergency or service personnel acting in performance of their official duties when requested to do so.

Section 2.13

Unauthorized possession, duplication or use of keys, combinations, or access cards or codes to any MCC premise, or unauthorized entry to or use of MCC property.

Section 2.14

Violation of published MCC policies, rules, or regulations found in, but not limited to, the college course catalog.

Section 2.15

Use, possession, or distribution of illegal drugs, narcotics or other controlled substances, and drug-related paraphernalia, except as permitted by federal, state, and/or local law. (See the Drug-free Campus Policy.)

Section 2.16

Public intoxication or the use, possession or distribution of alcoholic beverages except as expressly permitted by federal, state, and/or local law and MCC regulations (See the Drug Free Campus Policy.)

Section 2.17

Possession of firearms, explosives, or other weapons, or unauthorized use of dangerous chemicals or substances on MCC premises. (See the Weapons Policy.)

Section 2.18

Participation in a campus demonstration which disrupts the normal operations of MCC and infringes on the rights of other members of the MCC community; leading or

inciting others to disrupt scheduled, and/or normal activities within any campus building or area.

Section 2.19

Intentional obstruction of the free flow of pedestrian or vehicular traffic on MCC premises or at MCC sponsored or supervised functions.

Section 2.20

Conduct which is disorderly, lewd, or indecent; a breach of peace; or aiding, abetting, or procuring another person to breach the peace on MCC premises or at functions sponsored by, or participated in, by MCC.

Section 2.21

Theft or other abuse of computer resources, including, but not limited to:

- (a) Commercially using computing resources
- (b) Intercepting data
- (c) Committing acts of forgery
- (d) Willfully engaging in practices that place undue burdens on MCC resources (spamming, for example) Engaging in or disseminating defamatory, discriminating, privately embarrassing, fraudulent, harassing, illegal, intimidating, obscene, threatening, or unwelcome electronic communications
- (e) Unauthorized copying, modifying, or destroying the MCC network or Internet-based files
- (f) Accessing or attempting to access or use the MCC network or Internet resources for which the user is not authorized or granted explicit permission

Section 2.22

Abuse of the disciplinary, including but not limited to:

- (a) Failing to comply with the directive to appear attend or attend a meeting with an administrator after having received appropriate notification of such directive, falsifying, distorting, or misrepresenting information.
- (b) Disrupting or interfering with the orderly conduct of a disciplinary proceeding
- (c) Influencing or attempting to influence another person to commit an abuse of the disciplinary system
- (d) Attempting to discourage an individual's proper participation in, or use of the disciplinary system
- (e) Attempting to influence the impartiality of a disciplinary administrator during the course of a disciplinary proceeding
- (f) Harassing (verbal or physical), threatening, intimidating, and/or retaliating against any person involved in a disciplinary proceeding
- (g) Failing to comply with a sanction imposed under the Student Rights and Responsibilities (h) Failing to comply with an agreed upon informal resolution

Section 2.23

Engaging in gambling activities defined as illegal by federal, state or local law and/or MCC regulations.

Section 2.24

Engaging in behavior prohibited by federal, state, and/or local laws.

Article III:

Disciplinary Procedures

Student misconduct may be handled in one of two possible ways: counseling or disciplinary action. Counseling will occur when a student appears to have behavioral problems that stem from emotional or psychological difficulties. Disciplinary action may be taken immediately in an emergency situation by the Dean of Student Services or designee if the welfare of the individual or other is endangered. Action taken should be documented to the Provost and Chief Student Services Officer of MCC.

Section A:

Complaints and Resolution

Section 3.01

Any member of the MCC community may file a complaint against a student for allegedly violating the Code of Conduct. The person who files the complaint shall be the reporting party. The student alleged to have violated the code of conduct shall be the responding party.

Section 3.02

All complaints shall be prepared in writing and directed to the Dean of Student Services or designee. A complaint shall contain:

- (a) The identity of the reporting party and the responding party;
- (b) The specific element(s) of the code of conduct alleged to have been violated;
- (c) The date, time, and place of the alleged violation(s);
- (d) Supporting documentation if any exists; and
- (e) The names of any witnesses.

Section 3.03

All reports or complaints should be made as promptly as feasible after the concurrence. A delay in reporting may be reasonable under some circumstances, as determined on a case-by-case basis. An unreasonable delay in reporting, however, may be taken into consideration in evaluating the complaint or report.

Section 3.04

The Dean of Student Services or designee shall determine if the alleged conduct may constitute a violation of the code of conduct. If so, the case shall proceed for adjudication.

Section B:

Resolution

Section 3.05

Filing a complaint shall not always require a formal adjudication process. In the event that the Dean of Student Services or designee elects to seek an informal resolution, he/she may review all relevant information, interview pertinent witnesses and bring together the reporting party and responding party, if desirable.

Section 3.06

Resolution shall be achieved when the Dean of Student Services or designee, reporting party, and responding party, are satisfied that the behavior at issue has been addressed and a mutually acceptable outcome has been achieved. The resolution shall be written by the Dean of Student Services or designee and emailed to both parties.

Section 3.07

A party's failure to respond to a request by the Dean of Student Services or designee's request to participate in an informal resolution or the failure to appear or participate

in an informal resolution may result in a letter to both parties, warning that failure to respond may result in a referral of the complaint to the disciplinary board for a hearing.

Section 3.08

If the Dean of Student Services or designee is unable to resolve the complaint to the mutual satisfaction of both the reporting party and the responding party, the Dean of Student Services or designee shall advise the reporting party and responding party of his/her rights to proceed formally.

Section C:

Findings of Fact and Recommendations

Section 3.09

After reading statements, interviewing responding party, witnesses, and reviewing evidence, a member of the Behavioral Intervention Team shall either dismiss the complaint or find that the responding party violated the code of conduct.

Section 3.10

Finding that the responding party violated the code of conduct shall be made on the basis of whether it is more likely than not that the responding party violated the code of conduct.

Section 3.11

The responding party shall be presumed not responsible for a violation of the code of conduct until it has been demonstrated through credible information and evidence that it is more likely than not that the student committed the violation.

Section 3.12

If the Behavioral Intervention Team member determines that the responding party violated the Code of Conduct, they shall recommend a sanction for the violation.

Section D:

Appeal Procedure

Section 3.13

A student may appeal the outcome of the matter. A review of the matter will be prompt. A party may seek review only on the following grounds.

- (a) To consider new information sufficient to alter the decision, or other relevant facts not brought out in the original hearing, because such information was not known or knowable to the person appealing during the time of the hearing.
- (b) To allege a procedural error within the process that may have substantially impacted the fairness or outcome of the investigation.

Section 3.14

Appeals must be submitted in writing to the Provost and Chief student Services Officer or designee within 7 business days from the day of the parties are notified about the outcome of the Formal Resolution. Upon receipt of an appeal the Provost and Chief Student Services Officer or designee will appoint an appellate review panel of 3 members from a pool of trained Behavioral Intervention Team members. The panel will review the material within 15 days of receipt of the appeal. The panel will examine all documentation of the process and report to determine if there is a reasonable basis for changing the outcome. The panel will issue a written determination of the appeal, which could include:

- (a) Affirm the original finding and sanction
- (b) Affirm the original finding but issue a new sanction, which may be of greater or lesser severity, based on the new information.
- (c) Change original finding to not responsible for violation of the code of conduct due to a procedural or factual defect. All sanctions are dismissed.

Section 3.15

The panel's determination is final. The student shall receive written notice of the outcome of the appeal which will include any change to the result that occurs prior to the time that such results become final; and when such results become final.

Section 3.16

Potential student sanctions will be applied based upon the facts and circumstances of the case. Possible student sanctions may include those listed in Article IV Section A but may include counseling and/or disciplinary action including but not limited to: reprimand, warning, no contact order, loss of privileges, suspension, probation, or dismissal from the College.

Section 3.17 Recommended sanctions will not be imposed while the appeal is being reviewed unless the nature of the conduct under review or other circumstances involved dictate otherwise.

Article IV: Sanctions

Section A:

Interim Suspension of Privileges

Section 3.18

Faculty members retain the right to remove from the classroom (for the duration of that class period) any student demonstrating disruptive behavior. It is the responsibility of the faculty member to report the incident to the Dean of Student Services or designee and to indicate if they do not want the student to return to class (interim suspension) and the rationale for that request. This request will be acted upon by the Dean of Student Success or designee prior to the next class session.

Section 3.19

The Dean of Student Services or designee may issue an interim suspension of privileges for the following reasons. (a) To insure the safety and well-being of members of the MCC community or to preserve MCC property; (b) To insure a student's safety or wellbeing; or (c) If a student poses a threat of disruption or interference with the normal operations of MCC.

Section 3.20

During the interim suspension, a student may be denied access to MCC activities, facilities, classes, or other privileges for which the student might otherwise be eligible, as the Dean of Student Success or designee may determine to be appropriate.

Section 3.21

The decision to suspend privileges for an interim period shall be communicated by the Dean of Student Success or designee in writing to the responding party and shall be effective immediately. Notification shall either be delivered via students MCC email account or sent by certified mail. Failure or refusal to take receipt of notification shall not negate or postpone said action. The appropriate MCC officials shall be notified of the interim suspension including those directly involved in the pending complaint.

Section 3.22

The interim suspension of privileges shall remain in effect until a final decision has been made regarding pending complaints or until the Dean of Student Success or designee determines that the reason for imposing the interim suspension of privileges no longer exists. Absent exigent circumstances, or unless otherwise agreed to by both parties, an expedited hearing shall take place within 10 business days of notification of the interim suspension.

Section B:

Other Sanctions

Section 3.23

The following sanctions may be imposed individually or in combination for any violation(s) of the code of conduct:

- (a) Reprimand. A verbal or written reprimand may be issued for minor forms of misbehavior. The reprimand will be recorded in the Office of the Provost and Chief Student Services Officer but will not become part of the student's official record.
- (b) Warning. A written notice to the student, identifying the nature of the code of conduct violation(s). The warning shall be placed in the student's official record.
- (c) Loss of privileges. Revocation of specified privileges for a specified time period (use of MCC facilities, co-curricular activities, and work study, for example).
- (d) Restitution. Compensation for loss, damage, or injury. Restitution may be monetary, an appropriate form of service, or the replacement of specific materials, as dictated by the situation.
- (e) Educational project. Completion of a project specifically designed to help the student understand why the violation of the code of conduct was inappropriate.
- (f) Probation. A written reprimand for violation of a specified item in the code of conduct. Probation is for a designated period of time and includes the probability of more severe disciplinary sanctions if the student is found responsible for violating the code of conduct during the probationary period.
- (g) Suspension. Separation from MCC for a specified period of time after which the student is eligible to return or the organization may resume its activities.
- (h) Permanent separation from MCC.

Section 3.24

The proper MCC authorities shall be notified of any sanction imposed.

Section 3.25

Sanctions shall be recorded in the student's official file and a record of it will be maintained in the office of the Provost and Chief Student Services Officer. (Minor forms of misbehavior will not become part of the student's official record.). To the maximum extent permitted under FERPA, all records are considered educational records.

Section 3.26

The following sanctions may be imposed upon student clubs or organizations:

- (a) The sanctions are listed above in Section B: Other Sanctions
- (b) Deactivation or loss of recognition for a specified period of time.

Article V: Withdrawal and Readmission

The Provost and Chief Student Services Officer shall be advised of any student who voluntarily withdraws from MCC while a complaint is pending. The student must present adequate evidence of permission to re-enroll. Permission for reenrollment may be granted only after the complaint has been resolved, unless circumstances dictate otherwise. If the complaint cannot be resolved because the complainant, witnesses or evidence are not available, such permission may be denied by the Provost and Chief Student Services Officer.

Technology Acceptable Use Policy

The purpose of the technology acceptable use policy is not to restrict educational use of technology but to protect employees, students, and the institution from malicious and illegal actions. This policy applies to all technology systems, which includes computers, email, websites, and the wireless system.

The college expects that all use of technology resources will be used in a responsible and ethical manner. All use must not violate local, state, federal, or international laws or regulations.

By using MCC technology, individuals agree not to use the technology to gain access to information they are not authorized to use, bypass or disable security controls, misrepresent themselves or others, harass others, commit illegal actions, cause disruptions to network systems, send spam messages, intentionally infect systems with malware, remove security controls or change administrator passwords, make unauthorized copies of copyrighted or licensed material, or to make visible or audible material that may be reasonably construed as offensive to other individuals.

Safeguarding the college's information resources is the responsibility of all individuals. By using and having access to MCC technology, individuals agree to take reasonable action to protect college data. Such action includes not sharing account passwords with anyone and never giving access to computers or sensitive information to others. Only MCC Information Technology (IT) personnel are permitted to repair college owned devices or change information security controls. Suspicions of data loss or malware on devices must be immediately reported to the IT department Help Desk.

Personal use of MCC technology is permitted where such use does not interfere with the educational goals of the college. Personal use must adhere to this policy and will be subject to the same monitoring and disciplinary action as institutional uses, which includes the possibility of Freedom of Information Act (FOIA) requests. Personal use is restricted to the tools available as part of the delivered technology. Configuration changes will not be made to accommodate personal use.

Access to technology at MCC is a privilege that can be withdrawn when an individual abuses it. By using MCC technology you agree to the above standards of technology acceptable use. Failure to comply with this policy may result in loss of access, loss of employment, or removal from academic programs.

Users of Muskegon Community College computers, email, accounts, mobile devices, network resources, internet access, and other information systems should have no expectation of privacy, as these systems are subject to monitoring and review.

Transferring Credit to MCC

Transferring Guidelines

Muskegon Community College welcomes transfer students. We may award transfer credit for coursework from accredited institutions of higher education and the United States Military Service. Transfer credits may also be awarded for some Advanced Placement (AP), College Level Examination Program (CLEP), and International Baccalaureate (IB) examinations, as well as for Life Experiential Learning (LEAP), and Industry Recognized Credentials.

Muskegon Community College will award equivalent course credit when applicable, and when direct equivalencies are not available, elective credit in appropriate academic subjects may be awarded.

Transfer credit to MCC is determined on an individual basis using these guidelines:

- Apply Online for Admission to Muskegon Community College.
- Official Transcripts and Official Score Reports must be sent directly from each college or national testing service to:

Transfer Evaluation, Room 1048-H
Muskegon Community College
221 S. Quarterline Rd
Muskegon, MI 49442

- **International**-credits must be evaluated through wes.org or ece.org to be accepted for evaluation.
- **Regionally-accredited College or University** - Transfer credit must be from a regionally-accredited college or university sent directly from the College/University or Testing Service.
- **Grades** - Only courses in which a student received a grade of C or better will be considered for transfer credit.
 - Credits only, not grades are accepted in transfer. Grades are not entered on the official MCC transcript or calculated in the cumulative grade point average.
 - The total amount of transfer credit accepted from another institution will appear on the student's MCC transcript, but not the specific credit accepted.
 - Students who transfer a course which has a higher number of credit hours than the Muskegon Community College equivalent course may be awarded the "excess" credit.
- **Residency Requirement** - A student may transfer any number of credits to MCC, however, a student must complete at least 30 credit hours, or the last 15 credit hours of a degree, at MCC in order to receive a Muskegon Community College degree.
- **Course Descriptions/Syllabi** - If a determination cannot be made on the credit a student should receive, the student may have to obtain a copy of course descriptions and/or course syllabi with objectives. The Office of the Registrar will contact the appropriate academic department for determination.
- **Evaluation Time** - Transcripts will be evaluated within approximately three to five weeks. Transcripts older than five years or from out-of-state institutions may take an extended amount of time to be evaluated due to obtaining needed course descriptions and course syllabi.

Time Limits on Transfer Credits

In most cases, credits will be accepted without a time limit from any regionally-accredited institution. In certain courses, where a program or the academic department requires that current knowledge is essential, a time limit may be imposed on the applicability of earned credit toward satisfying a degree requirement. Such a time limit must be approved by the department. The following courses must have been taken within the time limits specified:

- Accounting Courses – Must have been taken within ten years prior to the evaluation.
- Information Technology/Computer Science Courses – Must have been taken within five years prior to the time of the evaluation.
- Liberal Arts – Liberal Arts courses generally don't have a time limit when used toward an Associate in Science and Arts Degree at Muskegon Community College.
- Medical Assistant – All non-medical assistant courses required for the medical assistant degree, must be taken within eight years prior to the time of the evaluation. If testing/coursework is over eight years old, competency must be validated on established examinations or by repeating the course. As noted on the admission checklist, Computer Science courses must have been taken within the five years prior to the time of evaluation. Medical Assistant (MA) courses cannot be transferred to MCC from another institution.

Advanced Placement Credit (AP)

AP has enabled millions of students to take national standardized exams and earn college credit.

We only accept official score reports sent directly from College Board to MCC. Please contact AP Score Reporting Services at www.collegeboard.org.

Only scores of 3 or higher will be considered for credit.

College Level Examination Program (CLEP)

CLEP is a national standardized testing program which offers tests in various academic areas. Passing scores may be accepted for college credit. The acceptance and determination of minimum scores for the CLEP exams will be determined by the department authorizing credit for that subject. Students may earn a maximum of 30 semester hours of credit through the CLEP/DANTES examinations. For more information regarding CLEP, check their website at www.collegeboard.org.

International Baccalaureate (IB)

Students who participated in an International Baccalaureate (IB) program may receive credit for completion of the Higher Level exam(s), depending on the subject area and exam score. Equivalent course credit may be granted for IB scores at the discretion of the corresponding academic department at Muskegon Community College. Due to the requirements of the Michigan Transfer Agreement (MTA), IB credits may not be used to fulfill MTA requirements at this time. Students must request for official IB examination scores to be mailed to Muskegon Community College. Official IB scores may be ordered online at <https://rrs.ibo.org>.

Credit for Industry - Recognized Credentials

Muskegon Community College recognizes that industry-recognized credentials, such as professional licensures and certifications, represent a level of learning and competency for which college credit may be granted. Students enrolled in a degree or certificate program at MCC may submit a current industry-recognized credential and the Credit for Industry-Recognized Credentials Application Form to the Office of the Registrar. The Office of the Registrar will forward the credential and application form to the appropriate academic department at MCC. Equivalent course credit may be granted at the discretion and approval of the corresponding academic department Chair.

Credit granted for industry-recognized credentials is intended to fulfill academic program requirements at MCC and is not intended to transfer to other institutions. Due to the requirements of the Michigan Transfer Agreement (MTA), credit granted for industry-recognized credentials may not be used to fulfill MTA requirements at this time. While there is not a maximum number of credits a student may be granted for industry-recognized credentials, students must complete at least 30 credit hours, or the last 15 credit hours of a degree, at MCC in order to receive a MCC degree.

Defense Activity for Non-Traditional Education Support (DANTES)

DANTES is a national standardized test in selected areas and is accepted for college credit. The acceptance and determination of minimum scores for DANTES examinations will be determined by the department authorizing credit for that subject. Students may earn a maximum of 30 semester hours of credit through the CLEP/DANTES examinations.

Military Experience

Muskegon Community College (MCC) will evaluate your military credits for possible award of transfer credits after your official military transcript has been received and you have been admitted to the College.

Joint Services Transcript (JST)

JST is the Joint Services Transcript that has replaced the Coast Guard Institute Transcript, the Army/American Council on Education Registry Transcript (AARTS) and the Sailor/ Marine American Council on Education Registry Transcript (SMART). JST is an academically accepted document approved by the American Council on Education (ACE) to validate a service member's military occupation experience and training along with the corresponding ACE college credit recommendation. For additional information on Military Transcript Evaluation visit ACE | Military Programs and check out Joint Service Transcript (JST) Video.

Army

Email your inquires to: usarmy.knox.hrc.mbx.tagd-jst@mail.mil or Call Toll Free: 1.888.276.9472 Login at JST.DODED.MIL to order transcript Veterans now have access to electronically submit their official JST to Muskegon Community College after they register for an account on the JST website (jst.doded.mil). The steps for submitting an official transcript via the JST website are listed below:

Step 1: Register for an account with JST, if you have not done so already via jst.doded.mil.

Step 2: Log into the JST system via jst.doded.mil

Step 3: Click on the 'Transcripts' tab at the top of the page, and then select the 'Official Transcript request' tab.

Step 4: Type in the institution name or part of the name and click 'search' or hit the enter key. For example instead of typing in the 'Some Name University' you could type in 'Some Name'. You may need to scroll through the entire list to ensure you have the correct location.

*QUICK TIP: Do not use any punctuation when typing in the name of an institution. If you receive 'no matches found', try using a smaller part of the institution's name.

Step 5: This will bring you to the order page that will show your name, rate/rank, etc., and the institution name. You will be asked if this is the institution you wish to have a transcript sent to. Please ensure you pay attention to the delivery method.

Please have your official military transcripts sent directly to:

Office of the Registrar
Transfer Evaluations, Room 1048H
Muskegon Community College
221 S. Quarterline Road
Muskegon, MI 49442

Air Force

Please send a request to the College of the Air Force (CCAF) at:

CCAF/RRR
130 West Maxwell Blvd
Maxwell AFB, AL 36112-6613
<https://www.airuniversity.af.edu/Barnes/CCAF/>

Coast Guard

To receive your Coast Guard Transcript, you must complete a for 1560/04e (Educational Assessment Worksheet.) If your Educational Assessment Worksheet has already been completed, please request your Coast Guard Transcript by sending your completed 1560/04e to

USCG Institute

E-mail: CGI-PF-ed_transcripts@uscg.mil
Fax: 405.954.7249

Login at: JST.DODED.MIL to order your transcript

Navy/Marine Corp

Email your JST requests to:
JST Technology Operational Center
Email: jst@doded.mil

The Joint Military Transcript will be sent to the appropriate academic department for their review and possible approval.

Military transcripts will be evaluated within approximately six to eight weeks and may take an extended amount of time to be evaluated due to sending recommendations to departments for approval.

Muskegon Community College will try to award direct course equivalencies. When direct equivalencies are not available, an elective in an appropriate academic subject may be awarded. MCC is unable to grant credit for military specific credit.

Request for Transfer Course Equivalency Reevaluation

Muskegon Community College has established the following procedure for students requesting reevaluation of their transfer equivalency. The reevaluation guidelines are:

- Only courses from a regionally accredited institution with a "C" and above will be considered. An Official transcript must be on file before a reevaluation will be considered.
- Complete one request form for each department and include a copy of course descriptions and course syllabi which includes course objectives & outcomes for the semester and year the course was taken.
- Return form, course description and syllabus to the Registrar's Office
- Results of your reevaluation are final and are based on documentation you submitted. Final results will be mailed to you within four weeks.
- Incomplete Reevaluation Forms and lack of documentation will not be considered for reevaluation.
- Approval of Registrar is required to start process.

Articulated Credit

Apply to Muskegon Community College online at www.muskegoncc.edu.

To apply for articulated credit students need to apply through their high school's counseling office.

Submit official final high school transcripts to:

Admissions

Muskegon Community College
221 S. Quarterline Road
Muskegon, MI 49442
admissions@muskegoncc.edu

Submit completed Articulated Credit Application form with signed competency checklists to:

Office of the Registrar, Room 1048-H
Muskegon Community College
221 S. Quarterline Road
Muskegon, MI 49442
officeoftheregistrar@muskegoncc.edu

Enroll within 24 months following high school graduation.

To finalize your articulation credit, please contact the Office of the Registrar at (231) 777-0240 or email officeoftheregistrar@muskegoncc.edu when at least six credit hours of 100 level courses or above have been completed with a cumulative 2.0 GPA at Muskegon Community College.

Students may earn a maximum of 15 credit hours toward a certificate program and 30 credit hours for an Associate degree program.

Michigan Transfer Network

The Michigan Transfer Network at <https://www.mitransfer.org/> is a valuable "single source" website that students, counselors and the public may use to check transfer equivalencies for courses among colleges and universities in Michigan. It is sponsored by the Michigan Association of Collegiate Registrars and Admissions Officers in partnership with Michigan State University.

Non-Conventional Credit

Some course requirements may be met by methods other than completing courses. Students may wish to explore with a counselor the following options:

- **Life Experiential Learning** - Credit may also be granted to students who are unusually well-prepared in a particular discipline if they can demonstrate that preparation through a process called the Life Experience Assessment Program (LEAP). Consult a counselor for information. Applications are available on MCC's website at <https://www.muskegoncc.edu/departments/registrar-office/>. There is a non-refundable \$20 per credit hour fee that must be paid before submitting LEAP application material. Students may pay LEAP application fees by calling the Financial Services office at (231) 777-0249 or by visiting the Financial Services office on the Main Campus. A maximum of 30 credits may be awarded through LEAP.
- **Proficiency Examination** - Credit may be granted for students seeking credit by departmental examination. Applications are available from department chairpersons.

Individual Study Courses

Students may work with a faculty member or a department chairperson in designing special courses to meet their individual needs. A form is available from the Academic Affairs Office to apply for such an individual study course. The criteria for approval are also available in that office. A student should not begin work on such a course until all approvals are completed and tuition has been paid.

A student may take, as part of his or her regular program, a maximum of ten (10) credit hours in "individual study." The application of these credits towards a given major or minor will be judged by the institution accepting these credits. Each Individual Study Course will carry variable credit (1/2 – 6) as contracted between the faculty member and the student.

Individual study course options are available to replace existing coursework for the purpose of meeting graduation requirements, to provide additional opportunities within a discipline to a student who has taken all available courses add/or their equivalent in a subject area, or to supplement transfer credit to meet program requirements.

Reverse Transfer

What is Reverse Transfer?

Reverse transfer is an agreement between Muskegon Community College and other four-year universities within Michigan that allows students to receive an associate degree by combining credits completed at Muskegon Community with credits earned at the four-year university. An associate's degree from MCC requires 62 credits, with various requirements, depending on your elected program. Reverse transfer is not applicable to certificates offered at MCC, only associate's degrees.

What are the benefits of Reverse Transfer?

Reverse transfer provides students with an opportunity to add a marketable credential to their resume that will help give them an edge in the workforce. Obtaining an associate degree also allows students to receive full credit for their academic achievements. Students who receive their associate's degree are more likely to finish their bachelor's degree, increase their earning power, and increase their hire ability by showing competency and a dedication to finishing an educational milestone.

Reverse Transfer Partners:

<i>Institution</i>	<i>Minimum MCC Credits</i>
Aquinas College	30
Oakland University	30
Davenport University	30
Ferris State University	30
Grand Valley State University	30
Western Michigan University	30

How do I know if I am eligible?

If you recently transferred to a four year institution from Muskegon Community, the university's Registrar Office will notify you via email that you are eligible for review based on the number of credit hours you have completed, typically at the end of a semester.

What happens next?

If you are eligible, fill out the Reverse Transfer Release Form, included in your email and turn it into your university's Registrar Office. The form and your transcripts will be released to Muskegon Community College and they will be reviewed to see if you have qualified to be awarded the associates degree. All correspondence regarding the results of the review will be sent directly to you from Muskegon Community College.

Am I guaranteed a degree from Muskegon Community College?

No. The sending of your transcript to MCC does not guarantee the granting of a degree. The courses you have completed will be evaluated and is subject to the degree and residency requirements of Muskegon Community College, which will be the degree granting institution. A minimum grade point average of a 2.0 is required.

How will I be notified to know if I qualify?

You will be informed by the email address submitted with the reverse transfer form if you meet or do not meet the degree requirements.

For more information:

Muskegon Community College

Email: officeoftheregistrar@muskegoncc.edu

Transcripts

Transcripts must be requested online at <https://www.muskegoncc.edu/student-resources/student-records/transcripts/>. Transcripts that are released to the student are unofficial. Transcript requests are normally processed within two or three days, but may require more time to process at the end of a semester. Your signature is required before we can release your transcript. Official transcripts must be sent directly to a college/university or business. "Sealed transcripts" are available but are "issued to student."

Unofficial transcripts may be printed online using MyMCC, under Self-Service then Academics.

OR

Official transcripts are issued DIRECTLY to an institution or place of business with the official college seal and registrar's signature. They are used for college or university transfers, job applications, scholarships, etc. Official transcripts are issued only after students have fulfilled all financial obligations to the College. If a transcript request is for pick up or mailed directly to the student, it will be unofficial. Official transcripts must be ordered online through the Parchment at <https://www.muskegoncc.edu/student-resources/student-records/transcripts/>.

No Exceptions

Muskegon Community College does not fax transcripts. Transcript requests cannot be accepted verbally or from friends, spouse or relatives in accordance with the Family Educational Rights and Privacy Act of 1974.

Weapons Policy

It is the policy of Muskegon Community College that no person employed by MCC or any student or visitor to the MCC buildings, facilities, grounds, vehicles, or other MCC property shall possess a weapon in an MCC building, on MCC grounds, during an MCC-sponsored activity, or during such times as students are under the supervision of MCC authorities.

Each student enrolled in Muskegon Community College shall abide by the terms of the MCC policy respecting a weapon-free zone.

Any student who violates the terms of this policy shall be subject to immediate removal from MCC property, and the matter shall be referred to the appropriate law enforcement agency for possible prosecution. MCC reserves the right to impose such sanctions as shall be called for by MCC administrative policies, procedures, and regulations.

This policy is not intended to apply to on or off-duty law enforcement personnel under performance of their duties, armed carriers, and others who have legal cause to carry a weapon and have the President's permission.

President's Welcome

Welcome to Our Thriving Community!

On behalf of our entire faculty and staff let me be the first to say welcome to Muskegon Community College (MCC)!

We're glad you're here. Our #1 goal in everything we do is to provide you with a first-rate education as you pursue your dreams. Whether you attend classes online or in person, MCC's professors and academic team make your success their top priority.

MCC offers classes at times that fit your busy schedule. We offer over 80 programs of study to earn an Associate in Applied Science (AAS), Associate in Science (AS), Associate in Arts (AA) degree, or certificates of completion as well as numerous personal enrichment/continuing education courses.

Our programs will get you ready for university transfer, prepare you to enter the workforce, or advance your career. Enjoy the beauty and high-quality learning environments on our main campus with our state-of-the-art Science Center, Health and Wellness Center, Automotive Center, and Art and Music Building, or gain hands-on technical experience at our downtown Sturrus Technology Center. You may find online learning or attending class at one of our extension centers to be even more convenient. Regardless of where you attend class, MCC will provide a high-quality and affordable education with many innovative experiences including study abroad.

Dive-in! Get involved! I encourage and invite you to participate in the many activities we offer, such as athletics (including esports), student clubs, student government, art, theater, music, and other campus events. Our faculty and staff are also here to provide guidance and support along the way to help you reach your educational and professional goals.

Take the first step today by calling us at 231-773-9131 or explore our video viewbook at <https://www.muskegoncc.edu/admissions/discover-mcc/>.

We appreciate your interest in MCC and look forward to working with you to achieve your goals.

Sincerely,



Dr. John Selmon, President
Muskegon Community College



Catalog Archives



[2025-2026 Course Catalog PDF](#)

The catalogs below range from the 2004-2005 academic year through the 2024-25 academic year.

[Archived Catalogs](#)

Campus Facilities

Art and Music Building

The state-of-the-art, Art & Music Building is home to MCC's Music and Visual Arts. The art wing has studios for painting, drawing, ceramics as well as lecture presentation rooms. The music wing houses a computer music and piano lab, soundproof recordable practice rooms, music teaching suites, music library, recording studio and rehearsal halls.

Bartels-Rode Gymnasium

The Bartels-Rode Gymnasium is a separate building, south of the main parking lot. In addition to housing a large, multipurpose gymnasium, this

building also houses coaching offices. The baseball and softball fields are located south of the gymnasium.

Carr-Fles Planetarium

The Carr-Fles Planetarium has been in operation since 1972, assisting in the study of astronomy with sky movies and projections of the stars, planets, and constellations on a domed ceiling. A \$4 million renovation in 2012 upgraded the facility to a digital theater with seating for 44 theater-style seats and 5 spaces for those who use wheelchairs. Free public shows, suitable for ages 8 and up, are available on Tuesday and Thursday evenings at 7:00 p.m., September-June. A complete schedule is available on the MCC website for these 35-minute shows, and no reservations are needed. Private shows may be also scheduled for groups of 15-44, and teachers or group leaders are encouraged to schedule two to three weeks in advance. For more information, or to schedule a private show, please call (231) 777-0289 or email tamera.owens@muskegoncc.edu

Classrooms

More than 100 classrooms, laboratories and conference facilities are available on campus, completely furnished to meet the needs of their particular disciplines.

Collegiate Hall

Collegiate Hall is located on the second floor. It offers students a quiet place to study where they may also eat. On occasion, this space may be utilized for conferences and workshops. When this occurs, students should use the first-floor hallway as an alternate route to classrooms.

Observatory

Located at the property of the Muskegon County Wastewater System, 8301 White Road, Muskegon, the observatory is used for MCC's Astronomy and Cosmology students doing project work and by the Muskegon Astronomical Society

Distribution and Display of Materials

Advance approval must be obtained from the Director of Student Success (or designee) for the distribution or display of posters, signs, pamphlets and handbills, newspapers or other form of printed material or visual aids originating from sources not connected with the college. Material should be brought to room 1055 for approval in distribution.

Elevators

Elevators are located in the lobby of the Hendrik Meijer Library and Information Technology Center, by the Welcome Center, at the Stevenson Center for Higher Education on the first floor near the main entrance, at the northwest corner of the main building near the English department, and in the Overbrook Theater lobby.

Frauenthal Foundation Fine Arts Center

At the heart of the Fine Arts Center is the 300- seat Overbrook Theater and adjacent Art Gallery, where works by students, faculty, and guest artists are exhibited. The Center also includes two large rehearsal rooms for theater and a studio equipped with a Marley floor and mirrors for dance.

Gerber Lounge

Gerber Lounge is located on the first floor directly across from the main entrance of MCC. It serves as a meeting place, study area, and rest stop for students and visitors. As a courtesy to all, there are some restrictions on the use of the lounge. No card playing, no food or beverages, and no loud or boisterous behavior are allowed in the Gerber Lounge.

Golf Course

University Park Golf Course is a public golf course owned and operated by Muskegon Community College. Established in 1968 and located across the street from the main campus, the nine-hole course was designed by Bruce Matthews. The course features two different tee-off areas to make for an interesting and challenging 9-holes of golf. Open seven days a week from April until October, the course has a driving range and putting green. University Park Golf Course is home to numerous leagues, catering to every caliber of player.

Health and Wellness Center

The 52,400 square foot Health and Wellness Center is next to the gymnasium. It includes classroom and learning space for Physical Education, Recreation, Nursing, and Respiratory Therapy.

John Bartley Science Museum

The John Bartley Science Museum opened in 2017 as part of MCC's promotion of STEM education and awareness. Free and open to the public, the museum honors the legacy of Dr. John Bartley, who taught geology and math at MCC for many years, and his strong commitment to scientific outreach. Located near our popular planetarium, the museum offers interactive, "hands-on" exhibits that engage children and adults alike. For more information, please email tamera.owens@muskegoncc.edu or call (231) 777-0289.

Kasey Hartz Natural Area

The diversity of the wooded forest immediately north of the Muskegon Community College campus provides an ideal setting for our educational Natural Area. The Natural Area and associated nature trail are suitable for all ages. Reservations for group tours with guides need to be at least two weeks in advance, and can be made by calling the Life Science Department at (231) 777-0273. Spring tours are available starting mid-April through June, and Fall tours are September through October, depending on weather. Individuals are free to explore on their own.

Lockers

Lockers for students' use are available in the Student Union. Lockers are free. Students may purchase locks in the Bookstore. Please place valuables in the lockers. At the conclusion of each semester all items and locks must be removed.

Lost and Found

Found items can be turned in at the Security Desks, located in the Main Lobby or the Stevenson Center. Lost items can be reported at either location or you can call (231) 777-0545.

Overbrook Gallery

Overbrook Gallery, located in the Frauenthal Fine Arts Center on the campus of Muskegon Community College, exhibits work by local, Michigan, and out-of-state artists and MCC art students in a variety of solo, group, and thematic shows throughout the year. Exhibits are always free and open to the public. Visiting artist presentations are scheduled in connection with shows. Gallery hours are 9:00- 4:00 weekdays with special weekend and evening hours during theater performances, receptions, and gallery talks. Call (231) 777-0324 for details.

Parking

Two large parking lots serve the campus. The main lot is located south of the Main Building, and may be entered from Marquette Avenue or from Quarterline Road. The east entrance is located north of the James L. Stevenson Center for Higher Education, and may be entered from Quarterline Road.

Parking - Handicapped

Handicapped parking spaces are available near all main entrances. Students needing special parking are urged to apply for a reserved space in this area through the Physical Plant Office, Room 1356.

Parking Permits

Register your vehicle at the Student Welcome Center. Parking permit decals are required on all vehicles. Protect your vehicle. You may get a parking sticker at the Student Welcome Center or in Room 1356.

Restricted parking areas are few, but they are well marked. Roadways are considered emergency vehicle areas and should never be blocked. Citations are written, ranging from \$3.00 to \$25.00 for violations. Excessive violations will result in loss of parking privileges or cars being towed at the owner's expense.

All applicable City of Muskegon ordinances are enforced in MCC parking areas. Report any accidents or incidents to the Physical Plant (Room 1356) immediately or call Security at either (231) 777-0545 or their cell phone at (231) 557-5648. Prevent problems by keeping your vehicle locked and taking valuables with you.

Printing Services

A coin-operated copy machine is located in the library. Students can also send a Printing Request through MyMCC and pick it up the next day in the Quick Copy Center.

Room Numbers

The 1000's will run sequentially across the main floor of the main campus, with the 2000's in the same sequence below on the second floor and the 3000's in the same order beneath on the third floor. The 1200's will be located in the Art and Music Building. The 1300's, 2300's and the 3300's are on the Stevenson Center first, second and third floors, respectively. The 1400's are in the Science Center. The 1500's are located in the Automotive Building. The stairwells are denoted with capital letters, from A-L. The main entrance to the Stevenson Center for Higher Education can best be accessed by utilizing the east parking lots (second entrance off of Quarterline Road).

Stevenson Center for Higher Education

Named for MCC's 8th president James L. Stevenson this 93,500 square foot building is contiguous to the main academic facility on campus. The Center contains 40 classrooms/conference rooms including computer classrooms, a large conference room, a large lecture hall, and a science room. The Stevenson Center is also the home of MCC TV and the Quick Copy Center. Technology advancements allow for a variety of instructional delivery system.

Sturris Technology Center

The Sturris Technology Center (STC) is an extension site of MCC located in downtown Muskegon at 388 W. Clay Ave. STC houses Applied Technology, Entrepreneur (Lakeshore Fab Lab), and Experiential learning programs. Over 75,000 square feet of finished space include machining, welding, materials testing, computer aided design, foundry and numerous other classrooms.

Vending Services

Vending machines are located throughout all MCC buildings and campuses. Vending offers hot and cold beverages and snacks. All vending machines accept cash and credit cards.

In addition to the traditional vending machines, Muskegon Community College offers three fresh food vending machines. These machines are conveniently located on the second level in the Student Union in the Main Building, the first level in the Stevenson Center, and at the Sturris Technology Center, in the Student Lounge. These machines offer a variety of take and heat meals, sandwiches, salads, and breakfast items.

The College Bookstore also offers convenient options, such as fresh food options, take and heat meals, cold and hot beverages, and snacks.

Campus Safety and Security

In compliance with the "Jeanne Clery Disclosure of Campus Security Policy and Campus Statistics Act," formerly known as the Crime Awareness and Campus Security Act of 1990, a guide is issued each year to provide information regarding safety and security procedures and crime statistics. Refer to our webpage at www.muskegoncc.edu/safety. If a threat to human welfare or security of personal or college property should occur, please report it to the Physical Plant office, Room 1107. For non-emergency situations, please dial Security at 7545 on a MCC phone or 231-777-0545 on a cell phone. For emergency situations, please 911. Keep your vehicle locked at all times.

CAREER AND TRANSFER SERVICES

Career Services

Room 1050

We provide personalized guidance and assistance in the career decision making process by helping you identify your talents, interests and values while setting clear educational goals. For more information please visit <https://www.muskegoncc.edu/departments/counseling-advising/>

Transfer Services

Room 1050

The transfer process can be complex with information coming from all directions: admissions applications, college visits, official transcripts, credit evaluation, essays, references, academic requirements, financial aid, housing arrangements, major choice, etc. We can help with it all.

We can provide the following services:

- Help determining which college or university will best meet your needs
- Assist you with creating a plan to ensure you meet the transfer requirements of your chosen institution
- Navigate the application process and offer tips on essays and references
- Provide resources such as transfer guides, course equivalencies, scholarship information, college directories and catalogs to help you make the best choice
- Connect you with representatives on campus from four-year colleges and universities during Transfer Fairs and Information Sessions

For more information please visit <https://www.muskegoncc.edu/departments/counseling-advising/>

Crime Statistics

Muskegon Community College is a very safe place to be, as indicated by the statistics stated below. However, you need to be aware that the college is subject to many of the same problems that occur in the community in which it is located. The following information has been prepared to increase your awareness of any problems that may exist.

Refer to the Annual Safety Report page 15 on the Web for our Crime Statistics:

www.muskegoncc.edu/crime

Directory Information

The College designates certain information as "directory information." This may be disclosed without violating FERPA. It includes:

1. Student's name
2. Major field of study
3. Weight and height of athletes
4. Participation in officially recognized activities and sports
5. Dates of attendance, degrees, date of graduation and awards
6. Photographs

Directory information does not include student identification numbers, Social Security numbers, or other personally identifiable information.

MCC considers student mailing address and email address to be Limited Directory Information that may be disclosed, without the student's written consent, only for educational purposes and at the discretion of College administration. This includes (but is not limited to):

1. MCC may disclose eligible students' mailing address and email address to the Phi Theta Kappa (PTK) Honor Society for the purpose of PTK inviting students to join the honor society and receive the benefits of PTK membership.

2. MCC may disclose student mailing address and email address to representatives from other colleges and universities who are seeking to offer educational and/or scholarship opportunities to MCC students or graduates.

MCC will not disclose student contact information to outside organizations seeking to use such information for noneducational, commercial purposes.

Non-Disclosure Form

Students wishing the College to withhold directory information on them may do so during the first week of classes by submitting the Non-Disclosure form to the Registrar. Forms are available online or at the counter in the Student Welcome Center.

Disclosure of Educational Records

Muskegon Community College will not disclose student records to anyone other than the student (including the student's parents), without the student's written permission. However, FERPA does establish several exceptions that allow the institution to disclose student records without the student's prior written consent. Some of these exceptions are:

1. To other school officials with a legitimate educational interest.
2. To officials of other schools in which the student seeks to enroll.
3. In connection with a student's application for, or receipt of financial aid, as necessary to determine the eligibility, amount or conditions of the financial aid, or to enforce the terms and conditions of the aid.
4. If disclosure is necessary to protect the health or safety of the student or other persons in a health or safety issue.
5. To comply with a judicial order or to respond to a lawfully issued subpoena, provided the College first make a reasonable attempt to notify the student.
6. Directory information as defined by Muskegon Community College. You should always contact the Dean of Student Services before releasing student records to a third party, even if you think one of these exceptions applies.
7. To certain officials of the U.S. Department of Education, the Controller General, and the state or federally supported education programs.
8. To organizations conducting certain studies for or on behalf of the College.
9. To accrediting organizations to carry out their accrediting functions.
10. To parents of an eligible student who claim the student as a dependent for income tax purposes – IRS Code of 1986, Section 152.
11. To an alleged victim of any crime of violence of the results of any institutional disciplinary proceeding against the alleged perpetrator of that crime with respect to that crime.
12. Veterans Administration Officials in response to requests related to VA programs.
13. Representative of the Immigration and Naturalization Services (INS) for purposes of the coordinated interagency partnership regulating international students (SEVIS).
14. As of January 3, 2012, the U.S. Department of Education's FERPA regulations expand the circumstances under which your education records and personally identifiable information (PII) contained in such records – including your Social Security Number, grades, or other private information – may be accessed without your consent. First, the U.S. Comptroller General, the U.S. Attorney General, the U.S. Secretary of Education, or
15. State and local education authorities ("Federal and State Authorities") may allow access to your records and PII without your consent to any third party designated by a Federal or State Authority to evaluate a federal – or state-supported education program. The evaluation may relate to any program that is "principally engaged in the provision of education," such as early childhood education and job training, as well as any program that is administered by an education agency or institution. Second, Federal and State Authorities may allow access to your education records and PII without your consent to researchers performing certain types of studies, in certain cases even when we object to or do not request such research. Federal and State Authorities must obtain certain use-restriction and data security promises from the entities that they authorize to receive your PII, but the Authorities need not maintain direct control over such entities. In addition, in connection with Statewide Longitudinal Data Systems, State Authorities may collect, compile, permanently retain, and share without your consent PII from your education records, and they may track your participation in education and other programs by linking such PII to other personal information about you that they obtain from other Federal or State data sources, including workforce development, unemployment insurance, child welfare, juvenile justice, military service, and migrant student records systems.

Equal Opportunity



MUSKEGON COMMUNITY COLLEGE

Muskegon Community College is an equal opportunity employer and educational institution. MCC does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender identity or expression, national origin, marital status, age, disability, height, weight, veteran or military status, or any other characteristic protected by federal or state law in its educational programs, activities, admissions, or employment. MCC encourages applications from individuals of diverse backgrounds, including women, veterans, and persons with disabilities. In accordance with applicable law, MCC provides reasonable accommodations to qualified individuals with disabilities. Individuals who require accommodations or assistance in the application or employment process should contact the MCC Office of Human Resources mccofficeofhumanresources@muskegoncc.edu.

This catalog is for informational purposes only and is not to be considered a binding contract between Muskegon Community College and individual students.

The information in this catalog was accurate as of February 2026 and is subject to change without notice. This publication - which details policies, procedures, rights, responsibilities, programs, and course descriptions - is intended to be used along with MyMCC and the schedule that is published each semester to provide current information on registration and course offerings.

Equal Opportunity, Harassment, and Nondiscrimination for All Faculty, Students, Employees, and Third-Parties

Commitment to Our Campus Community

Muskegon Community College (MCC) is committed to developing and sustaining a healthy learning and working environment that recognizes the value of each individual. MCC advances a safe, pleasant and respectful culture for all, free from prohibited discrimination and harassment.

EEO Statement

It is the policy of Muskegon Community College to provide equal opportunities and not discriminate in enrollment, education, employment, public accommodations, activities, or services, and the College prohibits discrimination based on the basis of age, citizenship, color, disability, ethnicity, gender identity or expression, genetic information, height, marital status, national origin, political persuasion, race, religion, sex (including the condition of pregnancy), sexual orientation, veteran status, weight, or other legally protected categories.

Title IX Coordinator and Deputy Coordinators

Ken James, Chief Compliance/Title IX Officer 231-777-0617, Room 2109F

Jason Cooper, Dean of College Services and Athletics

231-777-0690, Room HWC 124A

Donielle Nichols, Director of Human Resources

231-777-0698, Room 2109N

Dr. Patti D'Avignon, Dean of Student Services

231-777-0341, Room 1055B

Kristine Anderson, Chief Human Resources Officer

231-777-0447, Room 2109M

Tonette Brown-Garner, Evening College Services Coordinator

231-777-0654, Room 1353

332 - 2024 - 2025 Muskegon Community College Catalog

Classroom Speech and Content

MCC's sexual harassment policies do not prohibit instructors from bringing relevant sexual content into their courses. It is understood that the academic setting is distinct from the typical workplace in that latitude is required in determining the appropriate content of academic material. However, speech that is not necessary to teach the material, or is objectively offensive and severe or pervasive is prohibited by College Policy and may lead to discipline.

Amnesty to MCC Student Code of Conduct to Encourage Reporting

Students who in good faith report incidents of sexual assault or other sexual violence may be granted immunity for drug and alcohol use violations provided that such violations did not or do not place the health or safety of any other person at risk. The College, may, however, initiate an educational program or discussion with the individual regarding alcohol or drug use.

Faculty

FACULTY	
ANDERSON, LISA <i>Library</i> BA Lake Superior State University MLIS Wayne State University MA Western Michigan University	BATES, KATHLEEN <i>Nursing, RN, CNE</i> BSN Grand Valley State University MSN Michigan State University DNP Indiana Wesleyan University
BEALS, GAYL <i>Automotive</i> DNP Indiana Wesleyan BS, MA Ferris State University	BENDER, NATHAN <i>Machine Technology</i> BS Ferris State University MA Western Michigan University
BENSON, HOLLIE <i>College Success Center - Reading</i> BA University of Michigan MEd Grand Valley State University ACUE Certified in Effective Online College Instruction	BUCHMAIER, DIANE <i>Nursing</i> BSN University of Sydney MSN Aspen University
BURRELL, KARIN <i>Mathematics</i> BS, MA Western Michigan University ACUE Certified in Effective College Instruction	BURRIS, YOLANDA <i>Nursing</i> ADN West Shore Community College BSN University of Phoenix MSN University of Phoenix DNP Chamberlain University
CARBALLIDO, ERIC <i>Geography</i> BA, MA Western Michigan University	CHELESVIG, TREFNY <i>Counseling</i> BA University of Northern Iowa MA Western Michigan University
CHURCH, IRENE <i>Business Communication</i> BS, MA Central Michigan University ACUE Certified in Effective College Instruction	COLCLEASURE, SEAN <i>English</i> BA California State University MA California State University
COLLINS, SHAE <i>Nursing, RN</i> ADN Muskegon Community College BSN Ferris State University MSN Ferris State University	CORRELLO, CLAYTON <i>Business/Computer Information Systems</i> BS Northern Michigan University MS Grand Valley State University
CUMMINGS, AMY <i>Nursing</i> ADN, BSN, MSN Ferris State University ACUE Certified in Effective Online College Instruction	DATTA, ARUN K <i>Chemistry</i> BS University of Utah MS Auburn University PhD University of Utah
DICKINSON, ANN <i>Theater</i> BA Purdue University MFA University of Wisconsin (Madison)	DUNN, NATALIE <i>Chemistry</i> BS Aquinas College PhD University of Tennessee
EVANS, REBECCA L <i>English</i> BA, MA Western Michigan University	GORDON, RACHEL <i>Political Science</i> BA Pepperdine University MA, PhD Western Michigan University
GREENE, DARRYL <i>Business</i> BA Dakota Wesleyan University MBA Heidelberg University	HAYES, SHAUNA <i>English</i> BA Grand Valley State University MA College of Charleston
HAYES, SYLVIA M <i>Counseling, LPC, NCC</i> BA Western Michigan University MA Michigan State University	HENRY, THOMAS <i>English</i> BA Northern Arizona University MA Northern Arizona University PhD Michigan Technological University

<p>HOFFMAN, ERIN E Art BFA University of Northern Iowa MFA University of Georgia</p>	<p>JOHNSON, HEATHER Medical Assistant BS Ferris State University MSN Capella University ACUE Certified in Effective Online College Instruction</p>
<p>JOHNSON, MICHAEL C English BA Michigan State University MA Western Michigan University ACUE Certified in Effective College Instruction</p>	<p>JOHNSTON, JEFFERY Computer Aided Design BS, MS Michigan State University</p>
<p>JONES, JENNIFER Education BBL Baker College MEd Grand Valley State University ACUE Certified in Effective College Instruction</p>	<p>KENDALL, SCOTT Biology BS Central Michigan University MS University of Georgia</p>
<p>KILBURN, MICHAEL Math and Science BS Northern Michigan University PhD Michigan State University ACUE Certified in Effective College Instruction</p>	<p>KLINGENBERG, JENNIFER L English BA Lake Superior State University MA Northern Michigan University ACUE Certified in Effective College Instruction</p>
<p>KNUE, KEEGAN Respiratory Therapy BA Grand Valley State University MBA Southern New Hampshire University</p>	<p>KORATICH, JOANNE Mathematics BS Kettering University MA, MS Georgia Institute of Technology</p>
<p>KROLL, ELIZABETH Nursing, CMSRN BSN Wayne State University MSN Michigan State University</p>	<p>KUMPF, AMBER Geology BS Michigan Technological University MS University of Rhode Island</p>
<p>KYSER, KEVIN Graphic Design BFA Grand Valley State University</p>	<p>LARSON, JONATHAN Electronics BS Electrical Engineering Kettering University BS Mechanical Engineering Kettering University MS Engineering Kettering University</p>
<p>LEWIS, CAMILLE BS University of Michigan MS Michigan State University MLIS Wayne State University</p>	<p>LIEFER, KATHLEEN Advanced Technology BS Michigan State University MS Western Michigan University</p>
<p>LOCKARD, MEGAN Center for Teaching and Learning BA, MA Grand Valley State University Ph.D. New Mexico State University</p>	<p>MACAULEY, SHAWN P Biology BS, MS, PhD University of Florida College of Medicine ACUE Certified in Effective College Instruction</p>
<p>MANIATES, GEORGE History BA University of Wisconsin - Madison MA DePaul University</p>	<p>MASON, KIM Nursing BS University of Phoenix MS Michigan State University</p>
<p>MATTONE, DARREN C Biology BS, MEd Aquinas College MS Columbia University</p>	<p>MEEUWENBERG, JON B College Success Center Math AS Muskegon Community College BS, MEd Grand Valley State University Ed.D. Ferris State University</p>
<p>MOLESKI, TOBIAS B Physics BS Grand Valley State University MS Oregon State University</p>	<p>NONNEMACHER, GARY S Mathematics BA Cedarville University MS Miami University MEd Ohio State University</p>
<p>PALMER, NICHOLAS Arts & Humanities BA University of Chicago MA University of Chicago ACUE Certified in Effective College Instruction</p>	<p>PAPPAS, JACOB Psychology BS Eastern Michigan University MS, PhD Oakland University</p>

<p>PLATT, DAWN Medical Assistant ADN Baker College BSN Ferris State University MSN Capella University</p>	<p>POLLOCK, KATHY R Biology BS Oakland University MS, MA Michigan State University ACUE Certified in Effective Online College Instruction</p>
<p>RIBBE, LISA Counselor, LPC BS Grand Valley State University MA Western Michigan University</p>	<p>RIGGS, JENNIFER Respiratory Therapy BA Ferris State University MEd Ferris State University ACUE Certified in Effective College Instruction</p>
<p>RODDY, CONOR Philosophy BA Trinity College MA University of Hawaii at Manoa PhD University of Texas at Austin</p>	<p>RODKEY, EVIN Social Sciences BA Indiana University PhD University of Illinois at Chicago ACUE Certified in Effective College Instruction</p>
<p>RORICK, LES (JAMES) Theater BA Biola University MFA University of Virginia ACUE Certified in Effective College Instruction</p>	<p>RYPMA, DAN E HPER BS, MS Grand Valley State University</p>
<p>SCHUELLER, TERESA Biology BS Purdue University University of Hawaii at Manoa University of Wisconsin (Madison)</p>	<p>SHARP, GEORGE Counseling, LLC BA Northern Arizona University MEd Grand Valley State University</p>
<p>SHAUGHNESSY, JASON HPER BA Western Michigan University MA Azusa Pacific University ACUE Certified in Effective Online College Instruction</p>	<p>SMITH, MELISSA Nursing BSN University of Detroit Mercy MSN Arizona State University DPN Grand Valley State University</p>
<p>SOMERVILLE, JOSHUA Nursing, RN BSN, Lake Superior State University MSN Grand Canyon University</p>	<p>SPANIOLO-DEPOUW, ANGELA Psychology BS, MA Central Michigan University EdD Eastern Michigan University</p>
<p>STUCKY, JESSICA Psychology BA Franciscan University of Steubenville MA University of West Georgia</p>	<p>SUMERIX, THOMAS Welding AAS Muskegon Community College BS Western Michigan University M.Ed. Concordia University</p>
<p>SYTSEMA, REBECCA Nursing BSN Calvin College MSN Grand Valley State University</p>	<p>TRUAX, JONATHAN C Astronomy/Mathematics BS Grand Valley State University MS Michigan State University</p>
<p>VANDERWIER, CHIP Art BFA Grand Valley State University ME Aquinas College</p>	<p>VANDERZANDEN, HEATHER Nursing, RN ADN Westshore Community College BSN University of Phoenix MSN Michigan State University ACUE Certified in Effective Online College Instruction</p>
<p>VANOOSTERHOUT, CHRISTOPHER T Business/Computer Information Systems BSBA, MBA Cornerstone University</p>	<p>VANOTTEREN, PATRICK Electronics BS, MS Ferris State University</p>
<p>VERHOEVEN, MARK Business BCS, MBA Baker College ACUE Certified in Effective Online College Instruction</p>	<p>VOUGHT, LANCE Business BS Eastern Michigan University MA Eastern Michigan University JD University of Toledo MS University of Oregon</p>

<p>WIBLE, ANDREW D <i>Philosophy</i> <i>BA Hanover College</i> <i>MA Ohio University</i> <i>PhD Wayne State University</i></p>	<p>WOLFE, JORDAN <i>Counselor, LLC</i> <i>BA University of Michigan</i> <i>MA Central Michigan University</i></p>
<p>WRIGHT, JAMIE <i>English</i> <i>BA Grand Valley State University</i> <i>MA Mercy College</i></p>	<p>YORK, SETH <i>Counselor LLPC</i> <i>BA Aquinas College</i> <i>MA Western Michigan University</i></p>
<p>YOUNG, CLIFFTON <i>English/Communications</i> <i>BA, MA Grand Valley State University</i></p>	

ADMINISTRATION - PRESIDENT'S CABINET	
<p>PRESIDENT <i>Selmon, John</i> <i>BS University of Nebraska at Lincoln</i> <i>MA, EdD Eastern Michigan University</i></p>	<p>CHIEF MARKETING AND COMMUNICATIONS OFFICER <i>Tank, Kristin</i> <i>BA Michigan State University</i> <i>MA Western Michigan University</i></p>
<p>PROVOST & CHIEF STUDENT SERVICES OFFICER <i>Brown, Tucker</i> <i>BS Pennsylvania State University</i> <i>MS, PhD Arizona State University</i></p>	<p>CHIEF INFORMATION OFFICER <i>Wilson, Steve</i> <i>BS, MS Ferris State University</i> <i>PhD Capella University</i></p>
<p>CHIEF FINANCIAL OFFICER <i>Dick, Beth, CPA</i> <i>BA Western Michigan University</i></p>	<p>CHIEF COMPLIANCE AND TITLE IX OFFICER <i>James, Ken</i> <i>BA Kentucky State University</i> <i>MA Grand Valley State University</i></p>
<p>CHIEF HUMAN RESOURCES OFFICER <i>Anderson, Kristine</i> <i>BS Western Michigan University</i></p>	<p>CHIEF ADVANCEMENT OFFICER <i>Samaniego, Sue</i> <i>BS, MA Eastern Michigan University</i></p>

ADMINISTRATION - EXTENDED LEADERSHIP	
ASSOCIATE DEAN OF WORKFORCE TRAINING & INTERNSHIP SERVICES <i>Briggs, Stephanie</i> <i>BS Grand Valley State University</i> <i>MM University of Phoenix</i> <i>Ed.D Ferris State University</i>	DIRECTOR OF AUXILIARY SERVICES <i>DeBrot, Stacey</i> <i>BS Kaplan University</i>
COUNSELING DEPARTMENT CHAIR <i>Sharp, George</i> <i>BA Northern Arizona University</i> <i>MEd Grand Valley State University</i>	DIRECTOR OF FINANCE <i>Duff, Bruce</i> <i>BA Michigan State University</i> <i>CPA</i>
DEAN OF ACADEMIC AFFAIRS <i>Rinsema-Sybenga, Dan</i> <i>BA Calvin College</i> <i>MEd Grand Valley State University</i>	DIRECTOR OF FINANCIAL AID <i>Zerlaut, Jody</i> <i>BS Ferris State University</i>
DEAN OF COLLEGE SERVICES AND ATHLETICS DIRECTOR <i>Cooper, Jason</i> <i>BA Hillsdale College</i>	DIRECTOR OF HUMAN RESOURCES <i>Nichols, Donielle</i> <i>BBA Grand Valley State University</i>
DEAN OF INSTRUCTION AND ASSESSMENT <i>Breitenbach, Edward</i> <i>BA Cornerstone University</i> <i>MEd Grand Valley State University</i> <i>PhD Western Michigan University</i>	DIRECTOR OF INSTITUTIONAL EFFECTIVENESS <i>Strauts, Erin</i> <i>BA Illinois Wesleyan University</i> <i>MA University of Connecticut</i>
DEAN OF NURSING AND HEALTH PROGRAMS <i>Gatti-Arnold, Lisa</i> <i>BSN Wayne State University</i> <i>MSN Walden University</i> <i>EdS Walden University</i>	DIRECTOR OF PHYSICAL PLANT <i>Houts, Brian</i> <i>BS, MS Walden University</i>
DEAN OF STUDENT SERVICES <i>D'Avignon, Patti</i> <i>BA Northwood University</i> <i>MS, EdD Ferris State University</i>	DIRECTOR OF STUDENT SUCCESS <i>Sanocki, Steve</i> <i>BA, MA Aquinas College</i> <i>Ph.D. Western Michigan University</i>
DIRECTOR OF ACADEMIC OPERATIONS <i>Flannery, Cheryl</i> <i>BS Grand Valley State University</i> <i>MA Central Michigan University</i>	DIRECTOR OF USER SERVICES <i>Pickard, Candy</i> <i>AAS Muskegon Community College</i>
DIRECTOR OF ADMISSIONS <i>Luker, Sarah</i> <i>BA Grand Valley State University</i>	REGISTRAR <i>Shirey, April</i> <i>BS Aquinas College</i> <i>MS Western Michigan University</i>
GOVERNANCE	

MCC is governed by a seven-member Board of Trustees who are elected for six-year terms on an "at large" basis from throughout the district (Muskegon County). The College's chief executive is the President, appointed by the Board of Trustees. Serving the institution at the 2023 printing of this catalog are the following persons:

Diana Osborn Chair	Asaline Scott Trustee	Kathy Moore Treasurer	Nancy Frye Secretary
Donald Crandall, M.D. Trustee	Shon Cook Trustee	Roy J. Portenga Vice-Chair	John Selmon, EdD President

About Muskegon Community College

The fourth oldest community college in Michigan, Muskegon Junior College was established in 1926 by the Muskegon Board of Education.

Originally housed in Muskegon Senior High School, enrollment had grown beyond capacity by 1934. The Junior College moved into the former Hackley School in downtown Muskegon across from Hackley Park. The building was presented to Muskegon Public Schools by its namesake, local businessman and philanthropist Charles H. Hackley.

Post-World War II enrollment quickly climbed, and the campus had to grow accordingly. The Muskegon Board of Education, which still operated the College, utilized available space in many of its buildings and rented other community facilities when enrollment exceeded the capacities of those buildings.

Until June 1951, Muskegon Junior College was primarily geared to those students intending to complete at least four years of college. After an enabling act by the Michigan Legislature, the name and educational scope of the College changed. Muskegon Junior College was renamed Muskegon Community College to reflect the expanded nature of the College's programs.

The College now served a larger number of students with a wider variety of interests. Courses were added in retailing, the vocations, the technical fields, public health, and the trades. These courses enabled young men and women to prepare themselves for a specific field of employment with their two years of training beyond high school.

By the early 1960s, enrollment had topped 2,000. The College was operating full-time at Hackley, Vanderlaan, and Wilson schools and part-time at eight other locations. The Board of Education formed a Special Citizens Committee to study the entire program and make recommendations. The Committee proposed that the College be separated from the public school system; that a county-wide community college district be created and a board of trustees be elected to plan, build, and operate the school; and that a millage be voted in sufficient amount and for enough years to build and operate the College.

In April 1963, Muskegon County overwhelmingly approved the recommendations of the committee and elected the first Board of Trustees, which went to work immediately and by September had purchased the tract of land upon which the College exists today.

Alden B. Dow and Associates was named as the architect. By the summer of 1965, drawings were completed and construction had begun. The Vocational Technical Wing was finished and occupied in the fall of 1966. The following September the entire complex was placed in service. Formal dedication ceremonies were held October 22, 1967.

The first addition to the new campus was the Frauenthal Foundation Fine Arts Center, which was completed in 1968 and named for A. Harold Frauenthal, the Muskegon industrialist whose gift made the Center possible.

When the new district was created, the name of the College was changed to Muskegon County Community College. In the spring of 1969, at the request of the Board of Trustees, the State Board of Education approved changing the name once again to Muskegon Community College.

In January 1995, a new era of educational opportunity opened with the completion of the Center for Higher Education addition to provide upper-level courses and programs offered by Ferris State, Grand Valley State, and Western Michigan universities. The 90,000 square foot facility, named in honor of former MCC President James L. Stevenson, is home to classrooms, a lecture hall, MCC-TV, Graphics and Printing.

In January 2006, the 40,000 square foot Hendrik Meijer Library Information Technology Center was added to the main building to offer students and the community the latest in communication capabilities, including wireless internet access, state-of-the-art library facilities/technologies and classrooms, and an internet café.

In 2012, MCC and the Muskegon Area Intermediate School District (MAISD) launched the Early College of Muskegon County offering select high school students an intense five-year program leading to both a high school diploma and an associate degree. The concept was expanded and MCC offered Early College of Newaygo County, North Ottawa County Early College and South Ottawa Early College.

In November 2013, Muskegon voters approved \$24 million to support four MCC facilities expansion projects outlined in the College's 2010-2015 Master Plan. MCC signed a purchase agreement in September 2014 to acquire the former Muskegon Chronicle building and an adjacent parking lot for a downtown campus. In December 2017, the Peter and Carolyn I. Sturuss Technology Center opened as the new home to MCC's Applied Technology programs as well as to MCC's Experiential Learning Program.

In June 2015, local developer Jonathan Rooks donated the former Masonic Temple to MCC for its Entrepreneurial Studies program and related business-generating activities. Nick Sarnicola, a West Michigan native and highly successful entrepreneur, created a \$200,000 permanent endowment through his Next Gen Foundation to the Foundation for Muskegon Community College. The funds support an annual \$10,000 cash award for the best business idea generated by an MCC entrepreneurial program graduate. The Rooks-Sarnicola Entrepreneur Institute opened in June 2018 and is home to the Lakeshore Fab Lab.

In August 2015, MCC opened its \$9.6 million Science Center, home to the MCC Life Sciences Department and the College's biology labs and research areas. The facility earned the Leadership in Energy and Environmental Design (LEED) Gold Certification - one of only four buildings in Muskegon to have received this high honor - for its sustainable strategies used in its design and construction.

The same year, MCC purchased the Muskegon Family YMCA's West Western Avenue property on Muskegon Lake. The former YMCA facility was re-opened in 2016 as the MCC Lakeshore Fitness Center. In February 2021, the Boys & Girls Club of the Muskegon Lakeshore Board of Directors voted unanimously to approve the purchase of the Lakeshore Fitness Center as the new home for its youth and teen Clubhouse.

In November 2018, the 52,000 square foot MCC Health and Wellness Center opened on the main campus. The facility houses the College's Health, Physical Education and Recreation Department; the Medical Assistant Program; the Athletic Department Office; a state-of-the-art Health Simulation Lab; the Ron Gaffner Multipurpose Room; a gymnasium; a running track; and a fitness center.

In August 2019, the \$9 million renovation project that transformed the vacated Applied Technology Building into a state-of-the-art Art and Music Building was completed.

Building upon its more than two decades of offering classes in Grand Haven, MCC opened its Ottawa Center there in 2019. The College also offers courses in Ottawa County in Holland and Coopersville, and in Newaygo County at NCRESA.

MCC earned acclaim as a national trailblazer in student success as an Achieving the Dream (ATD) Leader College from 2015 to 2021. MCC was named the top-ranked Michigan community college in 2017 by BestColleges.com for its gainful employment, graduation rates, and earnings outcomes.

In 2021, MCC was ranked as the 19th best community college in the United States and best choice nationally for community college nursing programs by Intelligent.com. MCC has earned acclaim as a national trailblazer in student success as an Achieving the Dream Leader College.

In 2023, MCC was recertified as an ATD Leader College. MCC is also consistently recognized as a Veteran-Friendly School by the Michigan Veterans Affairs Agency and for its Licensed Practical Nurse (LPN) program.

Most recently, MCC outranked all other colleges in Michigan for the rate of students who received federal financial aid and then transferred to continue their education at a four-year institution. The college's 34% transfer-out rate was the highest in Michigan, 7 percentage points above the state average, and outpaced the average transfer rate across the nation.

HONORS COURSES

Muskegon Community College offers Honors credits to eligible students in an attempt to add an extra dimension to the education of academically motivated students.

Honors options will permit you, if eligible, to earn an additional credit in certain MCC courses. To earn this additional credit, you must complete the requirements outlined by the instructor.

The basic purpose of honors options is to enable instructors to make challenging and enriching assignments for students to gain a more sophisticated knowledge of the discipline. The additional work required on the student's part should typically require an average of two to three hours per week during the semester.

You may register for honors options when you receive instructor permission. Registration for the honors options can take place up to two weeks after the semester begins to allow time for you to meet with your instructor to discuss the requirements of your Honors coursework. Note: exceptions can be made for students to register for an honors class up to four weeks after the semester starts, but the honors class will not be eligible for financial aid if added after the two-week period.

If you earn a B or better in both the regular course and in your Honors credit, you'll be reimbursed for the tuition you paid for the Honors credit after grades are posted. (The reimbursement process will take several weeks after semester grades are due.)

You will receive separate grades on your transcript for the regular course and for the one-credit honors course. Honors options are designated on your transcript as "HON" after the course number.

For additional information, contact the Office of Academic Affairs by email at academicaffairs@muskegoncc.edu or by calling (231) 777-0254.

OFFICE OF INFORMATION TECHNOLOGY

Room 1031

MCC students should call the Student Technology Helpdesk at (866) 718-5170 for all technology-related issues. The technicians at the Student Helpdesk are specially trained to work with students' technology needs and are available 24/7/365.

Our Mission

Muskegon Community College, dedicated to excellence, prepares students, builds communities, and improves lives.

Our Vision

An educated, thriving community.

Introduction

Aspiring To Be The Best, Muskegon Community College's five-year Strategic Plan, focuses on increasing access to higher education and becoming an excellent place to learn and grow. Students come to MCC for many reasons: to finish an associate degree and transfer to a four-year university, to complete a certificate or degree to enter the workforce, to build skills for career advancement, to enrich the experience of high school, to engage in learning for the joy of learning, and, sometimes, to explore various career paths. Whatever your reason for choosing MCC, please know that you, your goals, and your MCC experience are vitally important to us. We have many educational and career pathways, and we have many people and services in place to help you select the one that is best for you, support you as you start and stay on your path, and celebrate with you as you complete important milestones. Every member of the MCC community, from facilities staff to the college president, will be rooting for you when times get tough, when things are going well, and when you have accomplished all you came to do at MCC. Located near the shores of Lake Michigan, MCC is a vital part of a growing community, providing learning opportunities on our main campus, at our Sturris Technology Center in downtown Muskegon, our Ottawa Center in Grand Haven, and at our off-campus locations in Ottawa and Newaygo Counties. MCC also offers many online and hybrid classes, with synchronous and asynchronous options.

Accreditation

Muskegon Community College is accredited by the Higher Learning Commission, 230 S. LaSalle Street, Suite 7-500, Chicago, Illinois, 60604. The Commission may be contacted by phone, (800) 621-7440, by fax, (312) 263-7462, or by email, info@hlcommission.org. They may also be contacted online at www.hlcommission.org. Interested persons may review a copy of the accreditation documents online at www.muskegoncc.edu/academic-affairs/accreditation.

Petitions Committee

The Petitions Committee, a standing committee of the Student Services Council, is composed of faculty members, staff, and students. The Committee exists to consider the appeals of students with respect to any MCC rule, regulation, or grade. All refund appeals must be received no later than one semester from the last date of the semester being appealed, or for grade appeals, one year from the date the grade was officially recorded. Special considerations will be given on a case-by-case basis outside of the application deadline. Forms are available on the MyMCC or at the Student Welcome Center. All appeals must be submitted at least one week prior to the scheduled meeting to be reviewed. The Committee meets on the third Tuesday of each month to consider requests submitted. The Student Services Council has empowered the Petitions Committee to take direct action in the following: Final Grade/Attendance Appeals, Residency Change Appeals, Tuition Refund Appeals Due to Course Related Issues, Tuition Refund Appeals Due to Verifiable Error of MCC, Tuition Refund Appeal and Withdrawal Illness (WI), and Tuition Refund Appeal and Withdrawal Military (WM).

Right-to-Know

Legal completion persistence rates

For the latest graduation rate and other performance-related data of MCC, please see the college dashboard at www.muskegoncc.edu/dashboard.

To get more information on MCC's tuition and price of attendance relative to other colleges, you can visit the College Affordability and Transparency Center of the US Department of Education at <https://collegecost.ed.gov/>.

STUDENT HONOR SOCIETIES

Phi Theta Kappa Room 1055

Phi Theta Kappa is the international honor society for community college students. Eligibility requirements include:

- Earn 12 or more 100-level college credits at Muskegon Community College OR six or more 100-level college credits at MCC if in a certificate program
- Earn and maintain a 3.25 GPA or higher
- Be currently enrolled
- Pay the one-time \$80 membership fee

Interested students can contact advisors at PTK@muskegoncc.edu.

Sigma Kappa Delta Room 1003

Sigma Kappa Delta (SKD) is the national English honor society for two-year colleges. Membership in SKD's Sigma Zeta Chapter at Muskegon Community College is open to two-year college students of any major who meet the following criteria:

- Currently enrolled at Muskegon Community College
- Completed a minimum of one college level course in English language or literature, excluding developmental or remedial courses
- Earned a grade of "B" or better in all English classes
- Have a minimum grade point average of 3.0 (on a 4.0 scale) in general scholarship
- Have completed at least one semester or two quarters of college coursework for a cumulative of 12 semester hours
- Pay the one-time \$40 membership fee

Gamma Theta Upsilon (Geo Club) Room 2316

Gamma Theta Upsilon is an international honor society in geography. The MCC GTU Chapter is called Geo Club. Students interested in furthering their professional training in geography through academic experiences (other than those of the classroom and laboratory) may be interested in joining.

GTU is open to two-year college students of any major who meet the following criteria:

- Currently enrolled at Muskegon Community College
- Completed a minimum of one college-level course in English language or literature, excluding developmental or remedial courses
- Earned a grade of "B" or better in all English classes
- Have a minimum grade point average of 3.0 (on a 4.0 scale) in general scholarship
- Have completed at least one semester or two quarters of college coursework for a cumulative of 12 semester hours
- Pay the one-time \$X membership fee

Services for the Community

The College offers courses, workshops, seminars, and special events to meet the lifelong learning needs of the community. These non-credit educational offerings emphasize career development, personal growth, cultural enrichment, and the solution of community problems.

Alumni Relations

MCC is very interested in maintaining life-long relationships with alumni. Former students are encouraged to keep Alumni Relations informed as they earn additional degrees, move, accept new jobs, get married, or reach other milestones. Updates can be sent to Alumni Relations at (231) 777-0571 or alumni@muskegoncc.edu. Alumni and other community members are invited to receive a free subscription to Reflect magazine; simply contact the Alumni Relations office to be included in the mailing list.

The MCC Alumni Relations Committee holds an Alumni Awards Dinner annually before Commencement and celebrates two awards given to select alumni. The Distinguished Alumni Award is the highest honor that Muskegon Community College bestows upon an alum. The award salutes the achievements of outstanding alumni whose personal lives, professional achievements, and community service exemplify the objectives of their alma mater. The Alumni Achievement Award honors those alumni within 15 years of graduation who have made their mark in the world with professional achievement.

Award recipients are selected based on the following criteria:

- **MCC College Career** - The nominee must have earned an associate's degree, certificate, or completed a minimum of 50 credit hours at Muskegon Community College and have demonstrated a record of excellence in academics and extracurricular participation.
- **Professional Achievement** - The nominee must have distinguished himself or herself through achievement or advancement in his or her career, earned degrees, professional training, professional recognition and/or outstanding contributions to his or her field.
- **Service to the Community** - The nominee shall have demonstrated a record of community participation and involvement.
- **Advocacy of Higher Education** and/or support of MCC - The nominee shall have a successful record in one or both of these areas.
- **Availability** - In addition to the above criteria, the nominee must be available to attend the Alumni Awards dinner and participate in the commencement ceremony.

For more information about these alumni awards, Reflect magazine, or other ways to engage with the MCC alumni community, please contact us at alumni@muskegoncc.edu or visit www.muskegoncc.edu/alumni.

Center for Theater

The Center for Theater operates with the Arts and Humanities Department. It provides theater classes for MCC students as well as a diversified schedule of performances. Performances are presented on the Overbrook Theater stage and include a season of plays produced by the Overbrook Players, music and dance concerts by the MCC Music and Dance Departments, and various lectures, speakers, and performers. The Center for Theater offers something for every MCC student, whether it be the development of artistic talents, investigation of a career in professional theater, or simply the enjoyment and excitement of a live performance. All MCC students are encouraged to participate in the activities of the Center.

Continuing Education

The Continuing Education Office provides lifelong learning opportunities to meet the needs of the community. These non-credit classes emphasize professional development, personal enrichment and community outreach. These courses are offered on campus, as well as online.

- **Continuing Education Courses:** Selected courses developed, offered on campus, as well as online to enrich your life, learn new information, or earn a certificate of completion.
- **State Continuing Education Clock Hours (SCECHs)** may be earned by professionals who require regular certification upgrading. Trainings or professional development workshops, approved by the State of Michigan Department of Education, may be arranged by calling 231-777-0456. Your program must be approved by the State of Michigan and MCC before you begin your training.
- **Continuing Education Unit credits (CEUs)** may be offered for professions that require regular upgrading for certification. Special seminars to meet the training needs of specific organizations can be arranged by calling at (231) 777-0456.

Information about courses, workshops, seminars, and special events can be viewed online at www.muskegoncc.edu/ce.

The Foundation for Muskegon Community College

The Foundation for Muskegon Community College helps Muskegon Community College (MCC) achieve its mission by devoting financial resources to strengthen the high quality education that benefits every MCC student. Contributions allow us to build and renovate facilities, expand academic programs, purchase instructional equipment, provide scholarships, and overall advance the mission of Muskegon Community College. For more information about the Foundation, joining the Foundation Board, or supporting our fundraising efforts, please contact us at foundation@muskegoncc.edu or visit www.muskegoncc.edu/foundation.

Workforce Development

The Muskegon Lakeshore area has a long history of creating prosperity for residents through meaningful employment. MCC's Workforce Development continues this proud tradition. Workforce Development offers businesses connections to many services including custom training, internships and technical related apprenticeships. For information as to the various services available, visit the Workforce Development website as www.muskegoncc.edu/workforce-training/ or contact Stephanie Briggs, Associate Dean of Workforce and Talent Development in the Sturris Technology Center, at (231) 777-0456 or stephanie.briggs@muskegoncc.edu.

Academic Support Department

Room 3081

<https://www.muskegoncc.edu/departments/academic-support/>

The Academic Support Department's goal is to assist students in attaining academic success. We do this by helping them understand how they learn best and how to effectively use resources to maximize their learning. We meet students where they are and support them on their academic journeys.

Courses are offered in traditional classroom settings, hybrid, and synchronous online formats and include the following:

- Reading 090, an integrated reading and writing course that is taken as co-requisite support for English 101
- CSS 100A, a college success strategies course

The Academic Support Department is open at convenient times to provide students with flexibility in their scheduling. A variety of **academic support services** are offered both in-person and online at no additional cost.

Orientation and First-Year Experience

Getting off to a great start is proven to help students succeed in college. MCC has a brief, mandatory online orientation that shows students what they need to know before registering for classes. Students can then choose from a variety of workshops and events designed to help them thrive at MCC.

Math Support

The Academic Support Department provides math support for students of all experience and skill levels. These include access to free self-guided reviews, customized math refresher workshops, and one-on-one and group tutoring sessions. Students also receive individualized assistance with ALEKS PPL for math placement.

Tutoring Services

In-person and online tutoring services are available for all MCC students. Tutors can provide individual support to help students better understand assignments and course material.

The Writing Center

Whether you are amazing at writing or need a little help, MCC's Writing Center is here for you at any stage of the writing process for any writing assignment! Services are offered both in-person and online.

In-person and online Tutoring and Writing Center appointments can be made by navigating to the MyMCC page, clicking on the Schedule an Appointment link under Student Support, then selecting the desired appointment type.

Accounting Department

Accountants and auditors are in high demand with a projected job growth of 10 percent from 2016 to 2026. Accountants and auditors prepare and examine financial records. They ensure that financial records are accurate and that taxes are paid properly and on time. Accountants and auditors assess financial operations and work to help ensure that organizations run efficiently. Most employers require a candidate to have a bachelor's degree in accounting or a related field. Certification within a specific field of accounting improves job prospects. For example, many accountants become Certified Public Accountants (CPAs). The national median annual wage for accountants and auditors was \$69,350 in May 2017

Programs

ACCBK.AAS - Accounting and Bookkeeping Services- A.A.S.

Courses

ACC100 - Fundamentals of Accounting

ACC201 - Principles of Accounting I

ACC202 - Principles of Accounting II

ACC206 - Quick Books Computerized Accounting

ACC220 - Federal Taxation I

Alternative & Renewable Energy Department

Energy is a big part of our lives. It is purchased and used in the forms of electricity, automotive fuel, and heating fuel. A lot of the sources include fossil fuels, carbon based structures. Many of the decisions for production and use are based on economics – but there is a renewed interest of looking into other aspects of energy production and fuels used. Carbon footprint, availability of resources, contribution to the greenhouse effect, health impacts, small scale independence, and total efficiency are some of the areas of interest.

It is important for students to understand current production methods as well as alternative methods – of which some use renewable resources. With data and understanding of processes and total costs, informed decisions can be made regarding viability as well as more effective methods and outcomes. The study of electricity production, bio fuels, aerobic and anaerobic processes for fuel production – as well as energy efficiency measures – are all very important for energy professionals, technicians, scientists, and those that implement various technologies in structures and vehicles.

American Sign Language Department

American Sign Language is the fourth fastest growing foreign language in the US. During this course you will learn ASL grammatical structure, signed vocabulary, fingerspelling, non-verbal elements, and Deaf Culture. Students learning the basis of American Sign Language can use their skills in numerous career settings, especially those wanting to pursue a career in Sign Language Interpretation.

Courses

ASL101 - American Sign Language I

ASL102 - American Sign Language II

Anthropology Department

"Anthropology is the study of humans, past and present. To understand the full sweep and complexity of cultures across all of human history, anthropology draws and builds upon knowledge from the social and biological sciences as well as the humanities and physical sciences. A central concern of anthropologists is the application of knowledge to the solution of human problems. Historically, anthropologists in the United States have been trained in one of four areas: sociocultural anthropology, biological/physical anthropology, archaeology, and linguistics. Anthropologists often integrate the perspectives of several of these areas into their research, teaching, and professional lives." American Anthropological Society Job Opportunities: Anthropologists find good jobs in a number of sectors, from colleges and universities to government agencies, nongovernmental organizations, businesses, and health and human services.

Courses

ANTH103 - Cultural Diversity in Contemp. Society

ANTH105D - Intro to Phys Anthropology/Archaeology

ANTH110 - Introduction to Cultural Anthropology

Applied Manufacturing Tech Lab Department

Applied Manufacturing Technology Lab (AMT) specializes in advanced manufacturing processes. This area focuses on providing hands-on experience and training in modern manufacturing techniques and technologies. AMT is designed for students, engineers, and industry professionals to learn about the latest manufacturing processes, design principles, and problem-solving skills.

Applied Manufacturing Program Video

Courses

CAD211 - Introduction to Inventor

CAD252 - CAD252 Advanced SolidWorks

CAD256 - Special Topics in SolidWorks

ELTC102 - Circuits and Systems

ELTC201 - Non-Linear Electronics

ELTC202 - Controls for Automation

ELTC230 - Advanced PLC and Automation

MT218 - 5-Axis CNC & CMM

Art Department

Since 2007, seventeen MCC art students have won significant scholarships totaling nearly \$160,000 to attend Kendall College of Art and Design in Grand Rapids. These scholarships were awarded based on the strength of their MCC art portfolios.

MCC art students also successfully transfer to many other colleges, universities, and art academies all across the country. These include: the School of the Art Institute of Chicago, Western Michigan University Frostic School of Art, the University of Michigan School of Architecture, the School of Visual Arts in New York City, the College of Creative Studies in Detroit, and Grand Valley State University.

Former MCC art students are now engaged in varied successful careers. These include: architects, studio art teachers, museum professionals, gallery owners, ceramicists, graphic designers, animators, fashion designers, sculptors, digital illustrators, industrial designers, filmmakers, painters, interior designers, cartoonists, printmakers, furniture designers, and art historians.

Arts Program

Music Program

Digital Music and Audio Production Certificate Program

Programs

DMUS_CERT - Digital Music/Audio Production

EVART.AAS - Visual Art Entrepreneurial - A.A.S

Courses

ART100A - Art Appreciation
ART104 - Drawing I
ART105B - Two-Dimensional Form and Surface
ART107 - Painting I
ART108 - Ceramics I
ART109 - Sculpture I
ART117 - Three-Dimensional Form and Space
ART119 - Beginning Printmaking
ART198 - Art History I: Ancient Art - Renaissance
ART199 - Art History II - Renaissance Art/Modern
ART202 - Contemporary Art History
ART204B - Drawing II (Transfer Portfolio Prep)
ART207 - Painting II
ART208 - Ceramics II
ART209 - Sculpture II
ART220 - Figure Drawing
ART240 - Professional Practices in Art
ART250 - Gallery/Collection Practicum
ART290CI - Cooperative Internship

Astronomy Department

This course will help meet science requirements for a college degree. For a person majoring in Astronomy, they will be well equipped to move into a junior level course at transfer institution. The students will learn to identify the contents of the known universe and their currently accepted place in it. Their knowledge will be tested through exams, quizzes, and a variety of homework assignments. Students will understand the scientific method and the differences between a hypothesis, theory, and law as they are presented with astronomical discoveries and interpretations from the history of this science. Students will perform field projects designed to engage the real universe in which they collect specified astronomical data, analyze it, and present findings in a written project. Students will clearly communicate current viable arguments and present clear reasoning on a variety of recent astronomical discoveries, through written exam essay questions. Students will be exposed to a number of ideas from related fields such as physics, chemistry, geology, geography, and philosophy. They will see connections between these fields and will clarify and justify some of their own beliefs about how the universe began.

Courses

ASTR101 - General Astronomy
ASTR105A - Cosmology

Automotive Tech Department

You love the sound of a finely tuned engine, you love cars. You want to know how to make a car run well and repair it properly. Your passion can become a great paying, fulfilling career. The Muskegon Community College A.A.S. degree in Automotive Technology is a blend of scientific examination and practical application. You will become skilled in theory, operation, diagnosis, testing and repair of the modern automobile.

Programs

AUTE_CERT - Automotive Technician Certificate
AUTO.AAS - Automotive Technology-Associate in Applied Science

Courses

AT114 - Automotive Power Plants - Engine
AT120 - Introduction to Electrical Systems I
AT121 - Electrical Systems II
AT122 - Fuel Systems and Emission Controls
AT123 - Engine Tune Up (drivability)
AT150A - Automotive Brakes
AT160A - Automotive Air Conditioning
AT210 - Power Trains (Manual Drive Trains)
AT211 - Automatic Transmissions
AT212 - Alignment and Suspension
AT214 - Service Management
AT223 - Advanced Engine Performance
AT230 - Automotive Service

Biology Department

Why study biology? If you have ever asked any of the following questions, you should take a biology course.

- Which courses are the foundation for a degree in biology? (BIOL 130, BIOL 131)
- Why and how do we have so many different species? (BIOL 113)
- What is this illness or organ that my doctor is explaining to me? (BIOL 113, BIOL 115, BIOL 152, BIOL 207, BIOL 252)
- How can I improve my food preparation for my family? (BIOL 109, FS 101)

- How can small cells such as bacteria grow, replicate, and cause illnesses? (BIOL 207)
- I like going outside but what courses have field trips? (ENV 110)
- What type of foodborne illnesses can make me sick? (BIOL 109, BIOL 207)
- Biology courses are critical for careers in biology, molecular biology, microbiology, genetics, biochemistry, botany, ecology, fish and wildlife, natural resources, agriculture, animal science, earth science, horticulture, marine biology, and especially any career in the medical and health fields, including nursing.

Programs

AGRIC.AAS - Agriculture AAS

BIOPW.ASA - Biology Pathway Associate in Science and Arts

FOODS_CERT - Food Science Certificate

FOPRT.AAS - Food Processing Technology AAS

UFMGM.AAS - Urban Forest Management

Courses

BIOL101BELH - ICS Belize -HONORS

BIOL105CSUP - BIOL 105C 1 CREDIT LAB

BIOL105LABS - Biol-105labsup

BIOL110LAB - Environmental Science Lab

BIOL115 - Intro to Anatomy and Physiology

BIOL115L - Introduction to Anatomy & Physiology Lab

BIOL121LAB - Plant Biology Laboratory

BIOL121LEC - Plant Biology Lecture

BIOL152HON - Human Anatomy Honors

BIOL152LAB - Human Anatomy Lab

BIOL152LEC - Human Anatomy Lecture

BIOL152SUP - Human Anatomy-Supplemental Instruction

BIOL200 - Introductory Evolution

BIOL207A - Microbiology Lab

BIOL207LEC - Microbiology Lecture

BIOL207LECH - Microbiology-Honors

BIOL280 - Applied Research in Biology 1

BIOL281 - Applied Research in Biology II

BIOL297ARM - Research Methods in Biology

BIOL297UA - Urban Agriculture Production Methods

BIOL299BE - Biological Evolution

BIOL299HP - Human Physiology Lecture

BIOL299M - Anatomy & Physiology Lecture

BIOL106L&L - Anatomy and Physiology II

BIOL106L&LH - Anatomy & Physiology II Honors

BIOL109L&L - Food Technology

BIOL113L&L - Introductory Biology

BIOL121L&L - Plant Biology

BIOL130L&L - General Biology I

BIOL131L&L - General Biology II

BIOL152L&L - Human Anatomy

BIOL252L&L - Human Physiology

BIOL252L&LH - Human Physiology-Honors

BIOL299HRB2 - Herbarium Digitization

ENV297 - Aquatic Ecology

ENV110L&L - Environmental Science

FS101L&L - Introduction to Food Science & Process

Business Department

With a degree in business you enter the working world with versatility, which can be approached from multiple angles. You will be armed with the knowledge to start your own business, or work for many companies on a variety of levels. This includes inter-related fields, like marketing, research and development, accounting, human resources, advertising, public relations, and so on. Employment of business and financial operations occupations is projected to grow 10 percent from 2016 to 2026, faster than the average for all occupations.

Programs

ADMIC_CERT - Administrative Medical Assistant Certificate

ADOMG.AAS - Administrative Office Management AAS

ADOMM.AAS - Administrative Office Management Medical AAS

BCMP.ASA - Broadcasting/Multimedia/Performance ASA

BCMT.AAS - Broadcasting and Multimedia/Technical - AAS

BUSPW.ASA - Business Pathway Associates in Science and Arts

CUST_PROF - Customer Service Specialist-Professional Development Cred

ENTRE_CERT - Entrepreneurship

EWSD.AAS - Website Development Entrepreneur - AAS

MGMT.AAS - Management-Associate in Applied Science

MKTG.AAS - Marketing-Associate in Applied Science

OFASS_CERT - Office Assistant-Certificate

Courses

ACC203 - Payroll Accounting
BCOM102 - Adv Business & Technical Communications
BUS108 - Introduction to Project Management
BUS114 - Personal Finance
BUS121 - Introduction to Business
BUS122 - Principles of Management
BUS122HON - Prin of Management Honors
BUS123 - Business Law I
BUS125 - Supervision
BUS126 - Business Mathematics
BUS127 - Human Relations
BUS131 - Intro to Entrepreneurship
BUS161A - Effective Selling
BUS162 - Principles of Retailing
BUS166 - Quality Customer Service
BUS167 - Professionalism in Your Career
BUS179 - Keyboarding
BUS180D - Introduction to Word Processing-Part I
BUS181C - Office Procedures I-Document Formatting
BUS182C - Office Procedures II-Document Production
BUS195 - Medical Records Management
BUS200 - International Business
BUS204 - eMarketing
BUS220 - E-Business
BUS222 - Fundamentals of Organizational Behavior
BUS223 - Starting Your Business Plan
BUS240 - Entrepreneurship Capstone
BUS260 - Principles of Marketing
BUS262 - Social Media
BUS263 - Advertising Dynamics
BUS266 - Quality Customer Service II
BUS273A - Human Resource Management
BUS280C - Word Processing - Part II
BUS290CI - Cooperative Internship Program
BUS290CI1 - Cooperative Internship
BUS290CI2 - Cooperative Internship
CIS216 - Introduction to Data Science
CIS297AI - Introduction to Artificial Intelligence
GRD299UX - Foundations of Ux Design & Implem.

Chemistry Department

Chemistry is the study of matter and energy and the interaction between them. There are many reasons to study chemistry, even if you aren't pursuing a career in science. Chemistry is everywhere in the world around you! It's in the food you eat, clothes you wear, water you drink, medicines, air, cleaners... you name it. Chemistry sometimes is called the "central science" because it connects other sciences to each other, such as biology, physics, geology and environmental science.

Courses

CHEM100A - Chemistry Fundamentals Lab
CHEM100LEC - Chemistry Fundamentals - Lecture
CHEM100LECH - Chemistry Fundamentals Lec - Honors
CHEM101A - General and Inorganic Chemistry Lab
CHEM101LEC - General and Inorganic Chemistry Lecture
CHEM101LECH - General & Inorganic Chem Lecture Honors
CHEM101SUP - Chemistry 101 Fundamentals
CHEM102A - General and Inorganic Chemistry-Lab
CHEM102LEC - General and Inorganic Chemistry-Lecture
CHEM109A - Chemistry for Health Science Lab
CHEM109LEC - Chemistry for Health Science
CHEM201E - Organic Chemistry I - Lecture
CHEM201F - Organic Chemistry I - Lab
CHEM202F - Organic Chemistry-Lecture
CHEM202G - Organic Chemistry-Lab
CHEM299O - Aquatic Inva. Species Research

Communications Department

Communication as an academic field relates to all the ways we communicate: reading, writing, speaking, and listening. It also addresses the essential skills necessary for a successful work and personal life. Whether you're interested in improving your public speaking and relationship skills or you want to have a communication-specific career, MCC has the communication offerings for you. Communication majors may move into fields such as business, advertising, electronic media/radio/television broadcasting, journalism, public relations, theatre and performing arts, government and politics, communication education, healthcare, international relations and negotiations, law, and social services. Many students begin their communication major here at MCC with our courses in Oral Communication, Mass Media, Into to Journalism, Audio Production, Practical Radio, Public Speaking, Intro to Cinema, Television Production, and Social Media.

Programs

COMPW.ASA - Communications Pathway Associate in Science and Arts

Courses

COM101 - Oral Communications

COM102 - Mass Media

COM107 - Introduction to Journalism

COM112 - Audio Production

COM113 - Practical Radio

COM201 - Public Speaking

COM203 - Introduction to Cinema

COM212 - Television Production

COM290CI - Cooperative Internship

COM290CI1 - Cooperative Internship - 1 Cr.

COM290CI4 - Communication Internship - 4 C

Comp Info Systems/Business Department

Employment of computer and information technology occupations is projected to grow 13 percent from 2016 to 2026, faster than the average for all occupations. These occupations are projected to add about 557,100 new jobs. This area offers degrees in Technology Support, which is in high demand, and Software Development, which will help students become familiar with several programming languages and prepare students for entry-level positions as programmers and developers.

Programs

CISCO_CERT - CISCO_CERT - Networking CISCO Certificate

CISC_CERT - C/Java Computer Programming-Certificate

CISDS_CERT - Data Science Certificate

CISNS.AAS - Networking and Cybersecurity Associate in Applied Science

CISSD.AAS - Software Development AAS

CISIU.AAS - Information Technology Support - AAS

WEBD.AAS - Web Design-Associate in Applied Science

Courses

CIS100 - Introduction to PC's-Windows

CIS101EW - Intro to Electronic Spreadsheets

CIS102EW - Intermediate Electronic Spreadsheets

CIS104A - Intro to Networks (CISCO 1)

CIS105A - Switching, Routing & Wireless (CISCO 2)

CIS108 - Intro to AI

CIS109A - Comptia A+ Part A

CIS110 - Computer Concepts

CIS119PP - Introduction to Presentation Graphics

CIS120A - Intro to Computer Information Systems

CIS142 - Windows Client Administration

CIS143A - Windows Server Admin I

CIS153A - Introduction to Data Base Management

CIS183 - Networking Technologies

CIS185 - 'C' Programming

CIS186 - Python Programming

CIS199 - Internet Content Management Systems Cms

CIS202A - IT SEC & Automation (CISCO3)

CIS204 - CCNA Cybersecurity (CISCO 4)

CIS209A - Comptia A+ Part B

CIS211 - Data Visualization

CIS228 - JavaScript

CIS231 - Applied Data Science

CIS250 - Developing Information Systems

CIS253A - Database Design/Implementation

CIS257A - HTML Internet for Web Page Design

CIS258 - Advanced HTML Web Development

CIS267PHP - Server-Side Web Programming Using Php

CIS275 - Linux Operating System

CIS280 - Java Programming

CIS282 - Visual C# Programming

CIS283B - Windows Server Admin II

CIS287A - Digital Video Editing and Production

CIS293A - Network Security

Computer-Aided Drafting/Design Department

Employers are demanding students who can design and build. They spoke. . . . we listened.

CAD (Computer Aided Design) and CNC (Computer Numeric Controlled) programming/machining are separate skilled areas of applied technology. Join the two and you have a new hybrid program that aims to foster the development of flexible, multiple skilled manufacturing workers.

Programmer, Engineer, Manual Machine Operator; CNC Operator; Set-Up Machinist, Machine Repair, Maintenance Machinist, Maintenance Specialist, Tool Room Machinist.

Programs

CADCN.AAS - CAD/CNC-Associate in Applied Science

CADCN_CERT - CAD/CNC-Certificate

CADD.AAS - Computer Aided Design Technology-Aas

CADD_CERT - Computer Aided Design Technology-Certificate

Courses

CAD110 - Introduction to Computer-Aided Drafting

CAD150 - Blueprint Reading

CAD151 - Geometric Dimensioning & Tolerancing

CAD250 - Introduction to SolidWorks 3D

CAD255 - Introduction to Siemens Nx

CAD260 - CAD CAPSTONE

Creative/Perf Arts Dept Department

The Arts and Humanities Department at Muskegon Community College fosters an environment where students explore and develop their artistic and intellectual passions through disciplines such as art, dance, theater, music, humanities, philosophy, and media.

Criminal Justice Department

What is Criminal Justice? Technically, it's a government system designed to withhold practices and institutions in order to maintain social obedience. Muskegon Community College's Criminal Justice program will introduce you to a myriad of career choices such as:

- Police Officer
- Corrections Officer
- Deputy Sheriff
- U.S. Marshall
- Department of Natural Resources Enforcement Officer
- Security Guard
- Public Safety Officer
- Probation Officer
- Parole Officer

Each of these jobs encourages students to tap into their responsive skills of honesty, moral judgment, and responsibility. More important skills developed throughout this course would be maintaining neutral attitudes under pressure, making quick decisions, and working effectively as a member of a team. Students who progress into Criminal Justice fields feel a sense of trust, confidence, and dependability in the courses taken for their careers. Additionally, the Criminal Justice Field has numerous job opportunities available.

Programs

CJCO.AAS - Criminal Justice-Corrections-Associate in Applied Science

CJCO.ASA - Criminal Justice-Corrections-Associate in Science and Arts

CJCO_CERT - Criminal Justice Corrections

CJLA.AAS - Criminal Justice-Law Enforcement- A.A.S

CJLA.ASA - Criminal Justice-Law Enforcement- A.S.A

CJPW.ASA - Criminal Justice Pathway Associate in Science and Arts

Courses

CJ101 - Introduction to Law Enforcement

CJ102 - Police Administration I

CJ104 - Criminology

CJ109 - Crime Prevention & Juvenile Delinquency

CJ201 - Criminal Law

CJ202 - Police Administration II

CJ204 - Criminal Investigation

CJ206 - Evidence and Crime Procedure

CJ207 - Police and Community Relations

CJ250 - Corrections I

CJ251A - Legal Issues in Corrections

CJ252A - Correctional Institutions/Facilities

CJ257 - Client Relations in Corrections

CJ258A - Client Growth and Development

CJ258ASUP - Client Growth & Dev Supplement

CJ290CI - Cooperative Internship

CJ290CI1 - Cooperative Internship

CJ290CI2 - Cooperative Internship

Dance Department

Dance offers a variety of classes and performance opportunities from the novice to the student planning to major in dance. There are courses in modern dance, social dance, jazz, ballet, choreography/design, and repertory. The Repertory Dance Company has public performances as well as the dance theater and dance performances for the annual Studio on Stage.

Courses

DNC100 - Modern Dance I
DNC101 - Modern Jazz Dance I
DNC102 - Ballet I
DNC105 - Dance Appreciation and Intro to Dance
DNC106 - Social Dance I
DNC107A - Intro to Intermediate Ballet Technique
DNC107B - Intro to Intermediate Ballet Technique
DNC109A - Intro Modern and Contemporary Dance
DNC138A - Dance Choreography & Design
DNC200 - Modern Dance II
DNC201 - Modern Jazz Dance II
DNC206 - Social Dance II
DNC207A - Intermediate Ballet
DNC209A - Modern/Contemporary Dance II
DNC210A - Repertory Dance Tour Company
DNC210B - Repertory Dance Tour Company
DNC210C - Repertory Dance Tour Group
DNC210D - Repertory Dance Tour Company

Economics Department

- Both macroeconomics and microeconomics are suitable for economics, social sciences, business administration, and engineering majors.
- The principles of macroeconomics analyzes fiscal and monetary policies by utilizing modern economic theory. Inflation and taxes, full employment, GDP, economic growth, money and banking are some of the topics discussed in the course.
- The principles of microeconomics teaches the basic price theory of the firm. Operation of supply and demand, costs, and revenue functions in the perfectly and imperfectly competitive markets. Markets for both products and factors are analyzed. International finance problems are examined in theory and practice.
- Students can find positions in Wall Street, banks, education, and industry.

Courses

ECON101A - Principles of Macroeconomics
ECON102A - Principles of Microeconomics

Education Department

A stepping stone in the State of Michigan towards transferring to a university for completion of a teacher certification this general studies programs allows a student to explore teachable majors and minors of interest. With clear guidance and exploration, this degree is the beginning of a lifelong teaching career. We are here to assist in the foundation principles of the educational process.

Programs

ED.AS - Education-Associate in Science
EDCD.AAS - Child Development Associate-Associate in Applied Science
EDCD_CERT - Child Development Associate-Certificate
EDUC.ASA - Early Childhood Education-Associate in Science & Arts

Courses

ED101B - Introduction to Education
ED109A - Parent-Child Connection
ED111A - Introduction to Early Childhood Edu
ED120C - Anti-Bias Curriculum in Early Childhood
ED202A - Teaching of Reading - Elem. School
ED210 - Child Care and Guidance
ED211A - Behavior Management
ED214A - Infant and Toddler Development and Care
ED216A - Educating Exceptional Children
ED220B - Early Childhood Observation & Assessment
ED225A - Child Development (age 0-8)
ED230A - Children's Literature
ED234A - Educational Psychology
ED250A - Human Growth and Learning
ED252B - Child Development Practicum
ED260 - Engaging Elementary Learners with Math

Electricity/Electronics Department

Electrical and electronics engineering technicians work closely with electrical engineers. They help design and develop computers, communications equipment, medical monitoring devices, navigational equipment, and other electrical and electronic equipment. They often work in product evaluation and testing, and use measuring and diagnostic devices to adjust, test, and repair equipment. They are also involved in the manufacture and deployment of equipment for automation.

Programs

INELE_CERT - Industrial Electricity Certificate

Courses

ELTC103 - Residential Wiring
ELTC104A - Basic Industrial Robotics
ELTC150 - Industrial Electricity
ELTC152 - National Electrical Code
ELTC220 - Electrical Troubleshooting
ELTC101AL&L - Electricity-Basic
ELTC160L&L - Programmable Controllers

Engineering Department

Engineers solve problems! They apply knowledge in STEM to solve practical problems that improve peoples lives. There are many types of engineering fields, Civil, Electrical, Mechanical, Chemical, and Manufacturing are the most common. MCC offers a variety of options for students including two-year degrees and four-year transfer pathways.

Programs

SCIP.E.AS - Associate in Science and Pre-Engineering

Courses

ENGR105 - Introduction to Engineering
ENGR202 - Statics
ENGR204 - Engineering Dynamics

English Department

Writers and authors develop written content for various types of media, including advertisements; books; magazines; movie, play, and television scripts; and blogs. Writers and authors work in an office, at home, or anywhere they have access to a computer. About 2 in 3 writers and authors were self-employed in 2016.

You may earn an Associate's degree at Muskegon Community College to transfer to a four year college/university. A college degree in English, journalism, or communications is generally required for a full-time position as a writer or author. Experience can be gained through internships, but any form of writing that improves skill, such as blogging, is beneficial.

Employment of writers and authors is projected to grow 8 percent from 2016 to 2026, about as fast as the average for all occupations. Strong competition is expected for full-time jobs because many people are attracted to this occupation. The median annual wage for writers and authors was \$61,820 in May 2017.

Courses

ENG216 - Introduction to Film
ENG216HON - Introduction to Film Honors
ENG218A - Horror, Fantasy, and Science Fiction
ENG218AHON - Horror, Fant & Sci Fict-Honors
ENG220 - Graphic Novels
ENG231 - Themes in Women's Literature
ENG231HON - Themes in Women's Studies-Hon
ENG297GN - The Graphic Novel Experience
ENG299RV - River Voices Journal

Foreign Language Dept Department

At MCC, students can study [Spanish](#), [French](#) and [German](#). Our country is a bilingual community. Spanish is the second most spoken language in the U.S. Having at least a moderate understanding of a second language enhances your job skills and opens you to other people and cultures. French is one of the world languages used on five continents in more than 40 countries. It is as near to us as Canada, where French is one of the two official languages. Anyone planning on going into business, the arts or many other fields may find French useful. German is a Global Connector. More than 185 million people in the world speak German. It is the most frequently spoken language in Europe and among the top 10 most frequently spoken languages in the world.

Courses

FR101 - Basic French	ICS102ITLY - International Cultural Studies Italy
FR102 - Basic French	ICS101GER2 - International Cultural Study-German
FR201 - Intermediate French	SPAN090 - Workplace Conversational Spanish I
FR202 - Intermediate French	SPAN101 - Basic Spanish
GER101 - Basic German	SPAN102 - Basic Spanish - Second Semester
GER102 - Basic German	SPAN201 - Intermediate Spanish

Geography Department

Geography is the spatial study of the earth's surface (from the Greek word *geo*, meaning "Earth," and *graphein*, which means "to write"). The first known use of the word geography was by Eratosthenes of Cyrene (in what we today call Libya in North Africa). Geographers explore the spatial relationships between all physical and cultural phenomena in the world. In a nutshell, Geography seeks to understand where things are located, why they are there, and how they develop and change over time.

The discipline of geography can be divided into main branches:

- Physical Geography- The spatial study of the natural environment: such as the weather, climate, mountains, landforms, soils, rivers, lakes, oceans and living organism.
- Human (Cultural) Geography: The study of human activities and their relationship to the earth's surface. Human Geographers explore the spatial spread of human populations, languages, agriculture, religions, ethnicities, political systems, settlement patterns, etc.

Careers in Geography: Many geographers pursue rewarding careers in education; business; local, state, or federal government agencies; and nonprofit organizations

Courses

GEOG101A - Physical Geography - Lecture and Lab
GEOG104 - Cultural Geography
GEOG105 - World Regional Geography
GEOG214 - Science of Climate Change
GEOG215 - Introduction to Weather and Climate
GEOG251 - Introduction to GIS
GEOG260 - Geoscience Field Experience
GEOG297D - Science of Climate Change
GEOG297GC - Global Climate Crisis
GEOG297SP - Sustainability and Place
GEOG299IN - Geography Inquiry
GEOG299IN2 - Geography Inquiry

Geology Department

Geology is amazing!! It includes any and all topics that pertain to the study of the Earth. That means anything from sand dunes and coral reefs to pollution and climate change to tsunamis and earthquakes, magma and volcanoes. A basic knowledge of geology is essential for understanding the place we humans call home.

For the average citizen, a basic understanding of geology is important for understanding the risks and hazards of our natural world, like: earthquakes, tsunamis, volcanic eruptions, floods, and landslides. In addition, the average citizen needs to be able to understand some basic geology to be able to better evaluate the drivers behind current events, political unrest, and environmental regulations, such as: legislation regarding carbon dioxide emissions and climate change, 'fracking' and oil production, diamonds and other precious resources used in manufacturing EVERYTHING we use (computers, cell phones, drywall, plastics... the list goes on and on)!

Several classes at MCC focus on different aspects of geology. In physical geology (GEOL101A) you can learn about what materials make up the Earth and what geologic processes control their formation and distribution, as well as an introduction into natural hazards (earthquakes, landslides, etc) and environmental geology (groundwater, contamination, etc). In historical geology (GEOL102) you can learn all about what has happened on Earth in the past, how we know what has happened, and how we might use that information to predict the future. For example, did you know that Pangea is not the only supercontinent that has existed in the past? There have been several and there will very likely be more in the future! In oceanography (GEOL201) you can learn about all aspects of oceanography (physical, geological, chemical, biological) and how these systems interact with one another, particularly in regards to current global concerns like climate change, ocean acidification, and sea level rise.

Courses

GEOL100 - Natural Disasters
GEOL101A - Introduction to Physical Geology
GEOL102 - Introduction to Earth History
OCE101 - Introduction to Oceanography

Graphic Design Department

Graphic Design, Graphic Reproduction and Photography are critical in today's work environment. You see the results of all three disciplines everywhere you go...on the web, on mobile devices, on park benches, in museums, virtually everywhere you go.

These areas of study help prepare you to transfer to a four year degree institution OR go to work as a graphic design specialist upon obtaining your Associates Degree in Applied Science.

Graphic Design Program

Programs

EGRDE.AAS - Graphic Design Entrepreneur
GRDE.AAS - Graphic Design-Associate in Applied Science
GRDV_CERT - Graphic Design Video/Audio Certificate
GRDW_CERT - Graphic Design Web Design Certificate

Courses

GRD101 - Introduction to InDesign

GRD102 - Introduction to Illustrator

GRD103 - Introduction to Photoshop
GRD110 - Principles of Design
GRD120 - Introduction to Graphic Design
GRD140 - Introduction to Typography
GRD160 - History of Graphic Design
GRD205 - UX Design and Implementation Foundation
GRD210 - Graphic Design II
GRD280 - Portfolio Preparation
GRD292 - Graphic Design Studio M
GRD290CI2 - Graphic Design Internship
GRD290CI3 - Graphic Design Internship

Health Education Department

Health Education (*HE*) courses at Muskegon Community College focus on improving community wellness through educational opportunities and guided activity. Students interested in preventative health careers can explore foundational courses in Personal Health, Public Health, Community Health, or Sport/Fitness Specialization (including nutrition). These courses provide knowledge and practical skills to promote healthy lifestyles and disease prevention. By raising awareness and encouraging active participation, MCC helps build a healthier and more informed community.

Programs

EXPW.ASA - Exercise Science Pathway Associate in Science and Arts

Courses

HE100A - Community First Aid and Safety
HE102 - Nutrition for Fitness & Sport
HE102HON - Nutrition for Fitness & Sports Honors
HE106 - Concepts of Health and Well-being
HE110 - Industrial Safety and Workplace Training
HE120 - Introduction to Public Health
HE130 - Community Health
HE202A - Sports Injuries & Prevention

Health Sciences Dept Department

Allied Health courses in this department are designed to increase students' knowledge and skills in special areas and/or to prepare them to enter a healthcare-related program. Allied Health courses are open to all students interested in Allied Health and healthcare with the exception of AH-111, which is for current nursing students.

Programs

HESCI.ASA - Health Science - ASA
PHEPW.ASA - Public Health Pathway Associate in Science and Arts

Courses

AH101 - Medical Terminology
AH104 - Medical Insurance Billing
AH106 - Fundamentals of Health Care Delivery
AH107 - Nurse Aide/Home Health Aide
AH111 - Environmental Stressors and Nutrition
AH196 - Electronic Health Records
CHW101 - Community Health Worker

History Department

The study of history involves looking at the achievements, events, and people which have shaped our past and current events. History provides us with a reflection of who we are, what we do and why has our nation and world developed as it has. By studying history you will be able to critically reflect, communicate and interpret the events of the past and provide an analysis and narrative.

Courses

HIST101 - Western Civilization to 1500
HIST102 - Western Civilization -1500 to Present
HIST150 - World History to 1500 CE
HIST151 - World History From 1500 CE
HIST201 - United States to 1877
HIST202 - U.S. From Reconstruction-Present
HIST202SUP - US-Reconstruction to Present
HIST207 - African American History
HIST211 - Michigan History
HIST212B - Gettysburg Battlefields
HIST214 - Siege of Vicksburg-US Civil War
HIST216 - Introduction to World War II

HIST216HON - Intro to Ww II - Honors
HIST216SUP - Introduction to World War II Sup.
HIST220 - Labor Studies

Humanities Department

Studying the humanities will help become a more thoughtful and cultured person. The humanities examine areas such as art, theater, philosophy, literature, history, and music. You will learn to appreciate music, art, and dance. You will explore great thinkers and deep thoughts. You will be inspired to ask questions and seek answers to the many facets of the human condition.

Programs

ARTPW.ASA - Arts Pathway Associate in Science and Arts

Courses

HUM195 - Introduction to Humanities

HUM195HON - Introduction to Humanities-

Machine Tech Department

Industry is looking for people in this area. There's a national shortage of toolmakers, die makers, mold makers, machinists, and CNC programmers.

Programs

MACH.AAS - Machining Technology-Associate in Applied Science

MACH_CERT - Machining Technology-Certificate

Courses

MT101B - Basic Machining

MT102A - Intermediate Machining

MT103A - Advanced Machining

MT150 - Machinery Handbook

MT205A - NC/CNC Numerical Control/Computer

MT206A - 2-D CAD/CAM Computer-Aided

MT216 - 3-D CAD/CAM Computer-Aided Design/Mach

MT240 - Basic Machine Repair

Materials Tech Department

Materials Technology (MET) focuses on the study and application of materials in various engineering and manufacturing processes. This field involves understanding the properties, behavior, and processing of materials such as metals, polymers, ceramics, and composites. In a Materials Tech program or lab, students and professionals learn how to select, test, and manipulate materials for specific applications, ensuring they meet performance, durability, and safety standards.

Courses

MET101 - Industrial Materials

MET102 - Basic Cast Metals

MET201 - Metallurgy

Mathematics Department

We should study math because it is useful:

- Mathematical problems abound in daily life
- Mathematical proficiency is required for many jobs
- Mathematics is essential for science, engineering, and research

We should study math because it is Important:

- A mathematically informed citizenry will make better economic and political decisions about risk, policy, and resource allocation

We should study math because it is Interesting:

- The landmark accomplishments of mathematics stand alongside the masterworks of art and music as cultural triumphs that all educated persons should be able to appreciate
- Doing mathematics teaches patterns of problem-solving and insight that transfer to other knowledge domains
- Mathematical proof teaches skills in proof, argumentation and persuasion that transfer to other knowledge domains.

Programs

MEGPW.AS - Mechanical Engineering Pathway Associate in Science

Courses

MATH041 - Mathematics for Allied Health Sciences

MATH085 - Support for Probability and Statistics

MATH087 - Support for Math for Liberal Arts

MATH089 - Support for College Algebra

MATH100NRT - Math for Health Science

MATH105 - Mathematics for Elementary Teachers

MATH107A - Mathematics for Liberal Arts

MATH109A - College Algebra

MATH115A - Probability and Statistics

MATH141 - Precalculus

MATH161 - Calculus I

MATH162A - Calculus II

MATH215A - Statistics for Science & Engineering
MATH276 - Linear Algebra With Applications
MATH283 - Calculus III
MATH295 - Differential Equations w/Linear Algebra
MATH297ST - Math Topics and Skills for Pre-STEM

Medical Assistant Department

A medical assistant performs administrative and clinical duties under the direction of the physician. Administrative duties may include scheduling appointments, maintaining medical records, billing and coding information for insurance purposes. Clinical duties may include taking and recording vital signs and medical histories, preparing patients for examination, drawing blood, and administering medications as directed by physicians.

Programs

MEDAS_CERT - Medical Assistant Certificate Program

Courses

MA101A - Medical Assistant Administrative I
MA102ALEC - Medical Assistant Clinical Lecture 1
MA102LAB - Medical Assistant Clinical Lab I
MA105A - Medical Assistant Administrative II
MA106ALEC - Medical Assistant Clinical Lecture II
MA106LAB - Medical Assistant Clinical Lab II
MA108 - Medical Assistant Pharmacology
MA110 - Medical Assistant Seminar/Practicum

Music Department

The study of music allows and encourages careers in performance, education and even more opportunities in the entertainment industry which is projected to grow at a rate of 5% over the next 3 years with music directors and composers expecting a job growth of nearly 13% over the next 10 years earning on average \$46,000 per year. So the outlook is very exciting!

Programs

EMUP.AAS - Music Performance Entrepreneurial - AAS

Courses

DMU101 - Audio Recording I	MU117B - Jazz Ensemble
DMU102 - Audio Recording II	MU117C - Jazz Ensemble
DMU103 - Audio Recording III	MU117D - Jazz Ensemble
DMU104 - Live Audio Production	MU117E - Jazz Ensemble
DMU110 - Intro to MIDI and Digital Instruments	MU117F - Jazz Ensemble
DMU111 - Popular, Folk, World Music Form & Style	MU119 - Symphonic Ensemble
DMU201 - Digital Music & Audio Capstone Project	MU127A - Jazz Guitar-Secondary Instrument
MU076PVT - Remedial Applied Music (Guitar)	MU127B - Jazz-Guitar Secondary Instrument
MU100 - Introduction to Music Theory	MU127C - Jazz Guitar-Secondary Instrument
MU101 - Music Theory	MU127D - Jazz Guitar-Secondary Instrument
MU102 - Music Theory	MU128A - Voice
MU103A - Music Appreciation	MU128B - Voice
MU104CS - College Singers	MU128C - Voice
MU104NC - Community Chorus	MU128D - Voice
MU105CS - College Singers	MU129A - Applied Mu Sec Instru-Piano
MU105NC - College Singers	MU129B - Applied Mu Sec Instru-Piano
MU106A - Collegiates	MU129C - Applied Mu Sec Instru-Piano
MU108CB - Concert Band (West MI Concert Winds)	MU129D - Applied Mu Sec Instru-Piano
MU109CB - Concert Band	MU130A - Appl Mu Sec Instr Cornet-Tru
MU110A - Jayhawk Sound	MU130B - Cornet-Trumpet
MU110B - Jayhawk Sound	MU130C - Cornet-Trumpet
MU110C - Jayhawk Sound	MU130D - Cornet-Trumpet
MU110D - Jayhawk Sound	MU131A - Applied Mu Sec Instru-Clarinet
MU110E - Jayhawk Sound	MU132A - Applied Music-Sec. Instrumt. Trombone
MU110F - Jayhawk Sound	MU132B - Trombone
MU111A - Wind Ensemble	MU133A - Applied Music-Sec Instrument-Baritone
MU111B - Wind Ensemble	MU133B - Applied Music-Sec Instrument-Baritone
MU111C - Wind Ensemble	MU133C - Applied Music-Sec Instrument-Baritone
MU111D - Wind Ensemble	MU133D - Applied Music-Sec Instrument-Baritone
MU111E - Wind Ensemble	MU134A - Tuba
MU111F - Wind Ensemble	MU135A - French Horn
MU117A - Jazz Ensemble	MU135B - French Horn

MU136A - Flute
 MU136B - Flute
 MU136C - Flute
 MU136D - Flute
 MU137A - Oboe
 MU137PVT - Applied Music Secondary Instrument
 MU138A - Bassoon
 MU138B - Bassoon
 MU138C - Bassoon
 MU138D - Bassoon
 MU138PVT - Applied Music Sec Instrument-Bassoon
 MU139A - Saxophone
 MU139B - Saxophone
 MU139C - Saxophone
 MU139PVT - Applied Music Sec Instrument-Saxophone
 MU140A - Percussion
 MU140PVT - Applied Music Sec Instrument-Percussion
 MU141A - Guitar
 MU141B - Guitar
 MU141C - Guitar
 MU141PVT - Applied Music Sec Instrument-Guitar
 MU142A - Organ
 MU142B - Organ
 MU142C - Organ
 MU142D - Organ
 MU142PVT - Applied Music Sec Instrument-Organ
 MU143PVT - Applied Mu Sec Instru-Harp
 MU144A - Violin
 MU144B - Violin
 MU144C - Violin
 MU144D - Violin
 MU144PVT - Applied Music Sec Instrument-Violin
 MU145A - Viola
 MU145B - Private Viola (advanced)
 MU145PVT - Applied Music Secondary Instr. - Viola
 MU146A - Cello
 MU146B - Cello
 MU146PVT - Applied Music Secondary Instr.-Cello
 MU147A - Double Bass
 MU147B - Double Bass
 MU148 - Jazz Guitar-Primary Instrument
 MU149 - Jazz Guitar-Primary Instrument
 MU150 - Applied Music Primary Major Voice
 MU150PVT - Applied Music Primary Instrument
 MU151PVT - Applied Music Primary Major Voice
 MU152PVT - Applied Music Primary Major Piano
 MU153PVT - Applied Music Primary Major Piano
 MU154PVT - Applied Music Primry Major Cornet
 MU155PVT - Applied Music Primary Cornet
 MU156PVT - Applied Music Primary Major Clarinet
 MU157PVT - Applied Music Primary Major Clarinet
 MU158PVT - Applied Music Primary Major-Trombone
 MU159PVT - Applied Mu Prim Maj-Tromb
 MU160PVT - Applied Music Primary Major-Baritone
 MU161PVT - Applied Mu Prim Maj-Barit
 MU162PVT - Applied Music Primary Major-Tuba
 MU163PVT - Applied Music Primary Major-Tuba
 MU164PVT - Applied Music Primary Major French Horn
 MU165PVT - Applied Music Primary Major-French Horn
 MU166PVT - Applied Music Primary Major-Flute
 MU167PVT - Applied Music Primary Major-Flute
 MU168PVT - Applied Music Primary Major-Oboe
 MU169PVT - Applied Music Primary Major-Oboe
 MU170PVT - Applied Music Primary Major-Bassoon
 MU171PVT - Applied Music Primary Major-Bassoon
 MU173PVT - Applied Music Primary Major-Saxophone
 MU176PVT - Applied Music Primary Major-Guitar
 MU177PVT - Applied Music Primary Major-Guitar
 MU182PVT - Applied Music Primary Major-Violin
 MU190A - Class Piano for Music Majors
 MU190B - Classical Piano (Non-Music Majors)
 MU190C - Class Piano (Basic Piano)
 MU191A - Class Piano (Music Majors)
 MU191B - Class Piano (non-Music Majors)
 MU191C - Class Piano
 MU192 - Music for the Classroom Teacher
 MU193A - Hip-Hop, Rock, and All the World's Music
 MU194 - Sight Reading and Ear Training
 MU195 - Sight Reading and Ear Training
 MU201 - Advanced Theory
 MU202 - Advanced Theory
 MU203 - Vocal & Instrumental Conduct Tech
 MU240 - Professional Practices in Music
 MU248 - Jazz Guitar-Advanced Instrument
 MU249 - Jazz-Guitar-Advanced Instrument
 MU250 - Applied-Music-Advanced Instrument -Voice
 MU251PVT - Applied Music-Advanced Instr. Voice
 MU260PVT - Applied Music-Adv Instrument-Baritone
 MU290 - Advanced Classical Piano
 MU291 - Class Piano-Music Majors
 MU297HH - Jazz History: an American Art Form
 MU297P - Wind Ensemble
 MU297Q - Jayhawk Sound
 MU297R - Jazz Ensemble
 MU297S - Jazz Improvisation I
 MU297V - Voice Class I-Fund of Vocal Technique
 MUPVTADVP - Applied Music-Adv Primary Inst
 MUPVTPRI - Applied Music-Primary Inst.
 MUPVTREM - Mu 050-089 Pvt-Remedial Applied Music
 MUPVTSEC - Applied Music-Secondary Inst.

Nursing Department

The MCC Nursing Program offers a [Nursing Career Ladder Curriculum](#) consisting of the practical nurse diploma and the Associate Degree in Applied Science Nursing (AAS) with the opportunity to enroll concurrently in the Michigan State University or Grand Valley University Bachelor of Science in Nursing (BSN) programs. (Please contact either university directly for more information on the concurrent programs.) Students who successfully complete the Practical Nurse Diploma will be eligible to write the National Council Licensure Examination for Practical Nurses (NCLEX-PN) to practice as a Licensed Practical Nurse (LPN). Students who successfully complete the Associate in Applied Science Nursing (AAS) degree will be eligible to write the National Council Licensure Examination for Registered Nurses (NCLEX-RN) to practice as a Registered Nurse (RN).

MCC Nursing Program admission is based on a first come, first served basis; once the entry requirements have been met, the applicant will be placed on the "Waitlist". Students are guaranteed a seat once one is available unlike other programs with competitive admissions. Licensed Practical Nurses and other individuals with prior nursing education are afforded the opportunity to enter into the curriculum with advanced placement. Students seeking an Associate in Applied Science Nursing (AAS) Nursing who have previously obtained the LPN or LVN licensure must possess an unencumbered license and current work experience and must apply for Credit for Industry Recognized Credentials ([Credit for Industry-Recognized Credentials Application Form](#)).

The MCC Nursing Program is approved by the Michigan Board of Nursing to provide a program of nursing education leading to the diploma in Practical Nursing and an Associate Degree in Nursing. The MCC Nursing Program is accredited by the Accreditation Commission for Education in Nursing (ACEN). This program prepares you to take the NCLEX exam in the State of Michigan. Graduates who intend on practicing in another state should review that state's requirements for licensure at <https://www.ncsbn.org/14730.htm>.

Mission Statement

Approved April 31, 2017

The Muskegon Community College Nursing Program is a ladder Associate Degree Nursing Program providing a foundation for lifelong Nursing Education.

To fulfill its mission, the Muskegon Community College Nursing Program is committed to

- Partnerships with local community healthcare agencies and university partners to meet the intellectual, technical, and professional needs of a 21st century nursing workforce.
- Stimulating intellectual curiosity, critical thinking, and evidence based practice.
- Professional ethics and accountability necessary for persons to function as professional nurses.

Accreditation

The Muskegon Community College Nursing Program is accredited by:

Accreditation Commission for Education in Nursing - www.acenursing.org

3390 Peachtree Rd NE, Suite 1400, Atlanta, GA, 30326

Phone: (404) 975-5000 Fax: (404) 975-5020

Muskegon Community College is accredited by:

Higher Learning Commission - www.HLCommission.org

230 S. LaSalle St, Chicago, IL, 60604-1413

Phone: (800) 621-7440

Programs

NURS.AAS - Nursing-Associate in Applied Science

NURS_DIPL - Nursing-Diploma

NURS_PRE - Pre-Nursing

Courses

NUR100 - Overview of the Nursing Profession

NUR121A - Basic Pharmacology

NUR126A - Family Health & Nursing Care

NUR131B - Care of the Childrearing Family

NUR141B - Care of the Maturing Family

NUR211A - Care of Family-Psycho Crisis

NUR212B - Care of the Family in Physiol. Crisis

NUR222A - Managing Care of the Family

Philosophy Department

Philosophy means the love of wisdom. Philosophy classes help people to think clearly and critically. Philosophy asks the big questions such as "Does God exist?" "What is beauty?" "Do we have free will?" "Is Artificial Intelligence possible?" "Why be moral?" and "Is ethics relative?" These are central questions about our lives and as Socrates said, asking them "makes our lives worth living." Answering them allows us to understand ourselves and the world, and helps us to become better problem solvers.

Philosophy classes are excellent preparation for jobs that demand careful reading, critical thinking, ethical behavior, and sound judgment. Mid-level salaries for philosophy majors are higher than for many other popular majors. Philosophy also is a good preparation for many professional degrees in areas such as law, medicine, religion, and business. MCC offers classes in logic, business ethics, biomedical ethics, introduction to philosophy, environmental ethics, the philosophy of religion, and world religions.

Courses

PHIL101 - Basic Concepts of Philosophy

PHIL102 - Principles of Logic

PHIL104 - Symbolic Logic
PHIL105 - World Religions
PHIL202 - Introduction to Ethics
PHIL202HON - Intro to Ethics - Honors
PHIL203 - Philosophy of Religion
PHIL204 - Biomedical Ethics
PHIL205 - Business Ethics
PHIL207 - Environmental Ethics

Physical Ed Activity Department

Physical Education Activity (PEA) classes at Muskegon Community College provide students with hands-on opportunities to develop lifelong fitness habits through guided instruction and engaging activities. These courses emphasize personal wellness, offering a variety of options such as fitness training, sports, and recreational pursuits to accommodate different interests and skill levels. Through structured lessons and practical experience, students gain the knowledge and motivation needed to integrate regular physical activity into their daily lives. The ultimate goal is to enhance overall community wellness by fostering commitment to health and fitness through education and active participation.

Courses

PEA100C - Hatha Yoga
PEA101A - Fitness, Wellness and Nutrition
PEA103 - Weight Training
PEA104A - Walking, Jogging and Conditioning
PEA105 - Pocket Billiards
PEA107 - Archery
PEA108 - Bowling
PEA109 - Sport Judo and Self Defense
PEA114 - Golf I
PEA118 - Cycling
PEA121 - Human Movement Science
PEA139A - Basic Canoeing/Kayaking
PEA154A - Volleyball I
PEA155 - Basketball I
PEA156 - Beach Volleyball
PEA164 - Zumba Movement for Fitness
PEA165 - Tai Chi
PEA166 - Beginning Pickleball
PEA170 - Pilates
PEA200 - Kundalini Yoga
PEA201 - Aerobic Movement for Fitness
PEA209 - Sport Judo and Self Defense II
PEA214A - Golf II

Physical Ed/Professional Department

Physical Education-Professional (PEP) classes at Muskegon Community College offer students vocational training in the health, fitness, and recreation areas. These courses align with MCC's Health, Physical Education, and Recreation Department's goal of improving community wellness through education and guided activity. Students enrolled in PEP courses will have the opportunity to earn industry-level certifications, enhancing their credentials for employment. By providing hands-on training and professional development, PEP courses allow students to build successful careers in the health and fitness industry.

Courses

OFC111 - Sports Officiating BB, BB & FB
OFC112 - Sports Officiating SB, BB & VB
PEP200 - Essentials of Personal Training
PEP203 - Fundamentals of Coaching

Physical Science Department

Physical Science is the study of the natural world. Would you like to be able to explain what causes a rainbow or why the sky is blue or how a transformer works? Take Physical Science. This class will fulfill your lab requirement for non-STEM majors. We focus on understanding and learning. This is an excellent class for elementary education majors.

Courses

PHSC101A - Introductory Physical Science L&L
PHSC101HON - Physical Science Honors

Physics Department

Do you want to understand why things work the way they do? Do you want to develop problem solving and analytical skills? Then study physics. Physics is the most basic and fundamental science; the backbone of all other sciences. As a whole, physics is concerned with matter, energy, and how they interact and transform. The principles of physics are the foundation upon which all other scientific knowledge is built. Everything from nanomachines, cell phones, lasers, to galaxies can be understood and

described using physics. While learning about the organizing principles of the Universe, physics students are challenged to expand their quantitative, reasoning, and analytical skills in ways that make them even more valuable to employers. Physics is interesting, useful, and challenging. Physics is the search for the common threads that connect seemingly disparate phenomena. Students of physics learn to analyze a problem regardless of context and can apply this inventive thinking to any field. Being THE fundamental science, Physics is the route to many careers: such as particle physicist, TV producer, Alzheimer researcher, weather predictor, Wall Street analyst, astrophysicist, or engineer. Some of the benefits of studying physics at MCC include small class sizes, affordability, focused attention, and new facilities with updated labs and classrooms. MCC offers algebra-based and calculus-based physics courses

Courses

PHYS201CL&L - College Physics I Lecture and Lab
PHYS202CL&L - Principles of Physics Lecture & Lab
PHYS203L&L - Engineering Physics Lecture & Lab
PHYS204L&L - Engineering Physics Lecture & Lab

Political Science Department

A bachelor's degree in political science can lead to exciting careers in:

- federal, state and local governments;
- law;
- business;
- international organizations;
- nonprofit associations and organizations;
- campaign management and polling;
- journalism;
- pre-collegiate education;
- electoral politics;
- research; and
- university and college teaching.

Political science majors gain analytical skills, administrative competence and communication abilities that are valued in a wide spectrum of potential career areas.

Courses

PSCI100 - Introduction to Political Science
PSCI111 - Introduction to American Government
PSCI202 - International Relations
PSCI205 - Contemporary Political Issues in US
PSCI210A - Int'l Organizations United Nations
PSCI210B - International Organizations/Arab League
PSCI210BHO - Internat Org-Arab League/Hon
PSCI210C - International Organizations - NATO
PSCI210CHO - Internat Organ-Nato (honors)
PSCI211 - Comparative World Governments
PSCI212A - Gettysburg Battlefields
PSCI214 - Siege of Vicksburg-US Civil War
PSCI220 - Labor Studies
PSCI299LE - Legislative Internship
PSCI111I2 - Intro to American Government
PSCI299LE6 - Legislative Internship

Psychology Department

Psychology is the scientific study of "ABC" (A = affect/emotions, B = behavior/actions, and C = cognition/thinking).

MCC offers Applied Psychology, which is intended for students who are earning a certificate. The General Psychology course is for those who seek an Associates Degree or wish to transfer to a university. We also offer courses in (ED-234) Educational Psychology, Abnormal Psychology, Psychological Disorders of Childhood, Life Span Development and Social Psychology. Most courses are offered both online and at MCC's main campus. General Psychology also is available at extension sites in Ottawa and Newaygo Counties.

Dr. Angela Spaniolo-DePouw and our adjunct psychology instructors invite you to enroll in a course within our discipline. What you learn in psychology is applicable to every facet of your life.

Recreation Department

Recreation (REC) classes at Muskegon Community College provide students with the opportunity to explore the history and benefits of recreation, promote wellness through hands-on activity, develop leadership and program planning skills, all while being introduced to career pathways in the field. These courses align with the MCC Health, Physical Education, and Recreation department's mission to improve community wellness through education and guided activities.

Courses

REC111 - Introduction to Recreation and Leisure

Respiratory Therapy Department

This is a full-time, face-to-face program. Respiratory Care Practitioners (RCPs) work in a fast-paced environment where technical and scientific responsibilities are matched by a real need for human relations skills. They are involved in a wide range of life-supporting and life-saving activities. RCPs provide assessment, diagnosis and treatment to patients suffering from heart and lung disorders. They administer life supporting therapies such as cardiopulmonary resuscitation, oxygen and inhaled drug therapy, and mechanical ventilation to the adult, pediatric and newborn intensive care units. If you enjoy science and helping people let the Respiratory Therapy Program prepare you for this dynamic health career in medicine.

The Respiratory Therapy Program at Muskegon Community College is accredited by the commission on Accreditation for Respiratory Care (CoARC) and prepares graduates to take the national credentialing examinations. These exams lead to certification and registry and provides a pathway for State licensure.

Commission on Accreditation for Respiratory Care

264 Precision Blvd

Telford, NT 37690

817-283-2835 ex. 107

<https://coarc.com/>

Programs

RSPT.AAS - Respiratory Therapy-Associate in Applied Science

Courses

RT101 - Respiratory Therapy Physics

RT102 - Basic Patient Care Skills

RT111B - Introduction to Respiratory Therapy

RT121 - Cardio-Respiratory Pharmacology

RT122 - Clinical I

RT131 - Physiology

RT132 - Respiratory Therapy Clinical II

RT134 - Intro-Mechanical Ventilation

RT141 - Respiratory Pathophysiology

RT144A - Adult Mechanical Ventilation

RT152ACLI - Clinical IV

RT162ACLI - Clinical V

RT210 - Cardiovascular and Renal Physiology

RT212B - Adv Clinical Practice I

RT220C - Pediatric/Neonatal Critical Care

RT222A - Advanced Clinical II

RT230B - Pulmonary Diagnostics and Rehabilitation

RT240 - Health Care Environment

RT297F - Clinical II

RT297G - Advanced Clinical Practicum I

RT110AL&L - Equipment and Procedures I

RT120AL&L - Equipment and Procedures II

RT130AL&L - Respiratory Therapy Equipment

Social Science Dept Department

The Social Science Department help students understand human behavior, societal structures, and cultural dynamics, fostering critical thinking and a deeper appreciation of the world.

This department offers diverse courses in anthropology, education, geography, history, political science, psychology, sociology, and women and gender studies.

Programs

PSYPW.ASA - Psychology Pathway Associate in Science and Arts

SOWPW.ASA - Social Work Pathway Associates in Science and Arts

Sociology Department

Because society must be explained. Sociology is the scientific, humanistic, and critical discipline which studies almost all aspects of society from the ways parents socialize their children, to how different forms of inequality are reproduced in daily life. Sociologists use varied methods of analysis surveys, interviews, observation, participation, ethnography, and historical investigation to probe into the deepest questions about our society: Why is there poverty? What causes violent conflict? What is the nature of social interaction? How is technology changing human relationships? Does ideology affect our judgement?

Sociology truly teaches the student to be scientifically critical of the society and social circumstances in which they find themselves. Sociology can equip the student to explain the causes of social problems and then propose socially relevant solutions to those problems.

Courses

SOC101 - Principles of Sociology

SOC101HON - Prin. of Sociology-Honors

SOC102A - Race, Ethnicity, & Immigration

SOC102AHON - Race, Ethnicity, and Imm - Hon

SOC102AI - Race, Ethnicity, & Immigration
SOC202A - Modern Social Problems
SOC202AHON - Modern Social Problems Honors
SOC203 - Introduction to Social Work
SOC205 - Marriage and Family
SOC206 - Introduction to Aging
WGS101 - Intro to Women's & Gender Studies
WGS201 - LGBTQ Studies
WGS201HON - Lgbtq Studies Honors

Spanish Department

Our country is a bilingual community. Spanish is the second most spoken language in the U.S. Having at least a moderate understanding of a second language enhances your job skills and opens you to other people and cultures.

Courses

SPAN299 - Intermediate Spanish Conversation Intermediate Spanish
Conversation - Ind Interm Spanish Conversation

Surgical Tech Department

The Surgical Technology program at MCC has not enrolled students since August 2023, and is no longer accepting new students.

Tech Related Department

The Applied Technology department at MCC provides comprehensive education and training in various technical fields, focusing on hands-on learning and practical skills to prepare students for successful careers in manufacturing and technology.

Programs

APRE_CERT - Apprenticeship Certificate
ELENG.AAS - Electrical Engineering Technology
ENGRT.AAS - Engineering Technology
MAMRE_CERT - Manufacturing Machine Repair
MANUF_CERT - Manufacturing Automation Certificate
MATEC.AAS - Manufacturing Technology AAS
MATEC_CERT - Manufacturing Technology Certificate
QUAS_CERT - Quality Assurance-Certificate

Courses

AMT129A - Introduction to Technology
HP101 - Hydraulics/Pneumatics
HP201 - Advanced Hydraulics
QC101 - Basic Quality Control
TECH290CI - Cooperative Internship
TECH290BE6 - Cooperative Internship Biomedical Engr
TECH290CI1 - Cooperative Internship
TECH290CI2 - Cooperative Internship
TECH290CI4 - Cooperative Internship
TECH290CI5 - Cooperative Internship
TMAT101A - Technical Math I
TMAT102A - Technical Math II
TMAT201 - Technical Math III

Theater Department

At Muskegon Community College we have been teaching the art of theater for over 85 years. We are proud of our program and our students' achievements. MCC students receive a beginning foundation in acting and technical theater through our courses and our productions. We offer a variety of classes to develop your knowledge of theater. Plus we have a full season of plays that give you many opportunities to develop your skills both onstage and behind the stage. Former students of our program have gone on to work in professional theaters, theater education, design fields, television & radio, modeling, and many other career areas. They often credit our program for making them feel a part of a community, supporting their dreams, and giving them great opportunities for learning and growing.

Courses

TH101 - Theater Appreciation	TH144 - Applied Theater-Costuming
TH102 - Introduction to Acting I	TH145 - Applied Theater-Scenery Construction
TH108 - Theater for Children	TH147 - Applied Theater-Production Crew
TH121 - Introduction to Technical Theater	TH148 - Applied Theater-Performance
TH122 - Theater Set and Lighting Design	TH160 - Acting for TV and Film
TH141 - Applied Theater-Acting	TH201 - Introduction to Theater History
TH142 - Applied Theater-Dance	TH202 - Introduction to Acting II

TH203 - Reader's Theater

TH204 - Improvisation for Actors

TH212 - Summer Theater Workshop

TH217 - Creative Dramatics

TH260 - Student Production Practicum

TH297AA - Introduction to Technical Theater

Welding Department

MCC offers an associate in applied science in welding technology as well as a welding technology certificate program. Welding Technology is a diversified program of skills dealing with the fabrication of metal products from rolled, stamped, forged or cast shapes. The type of metal, position of weldments, and use of structural shapes will be handled in a manner similar to that used in industrial processing. Selection of the proper welding methods, materials and procedures required will provide training in solving realistic problems found in the welding field. The demand for skilled welders is rising and students who like designing and building with metal, have interests in materials engineering, robotics, computer aided design, and systems integration have a unique opportunity to learn a career that can be shaped around their interests.

Programs

WELD.AAS - Welding Technology-Associate in Applied Science

WELD_CERT - Welding Technology-Certificate

Courses

W101A - Basic Welding

W102A - Gas Metal Arc Welding (MIG)

W103A - Gas Tungsten Arc Welding (TIG)

W105 - Shielded Metal Arc Welding

W201 - Structural Welding

W202A - Pipe Welding

W206 - Metal Fabrication

All Programs

ACCBK.AAS - Accounting and Bookkeeping Services- A.A.S.

Overview

Department Title

Accounting

Program Description

The MCC AAS in Accounting and Bookkeeping Services will be designed to provide students with a sound foundation of relevant coursework in preparation for a bachelor's degree in accounting. The program will include courses in principles, managerial and tax accounting along with business coursework. Students within the program will be provided opportunities to work in the accounting industry via partnerships with local organizations. The program will also include a practicum experience where students participate in the VITA tax assistance program.

Degree

AAS - Associate in Applied Science

Requirements

Simple Requisites

Program Requirements

Program Requirements- 62 credits

Type

Completion Requirement

General Education Requirements

Fulfill ALL of the following requirements:

General Education Requirements 18 credits

Complete ALL of the following Courses:

- ENG101 - English Composition
- BCOM102 - Adv Business & Technical Communications
- BUS126 - Business Mathematics
- CIS120A - Intro to Computer Information Systems
- PHIL205 - Business Ethics

AND

General Education Requirements

Earn at least 3 credits from the following:

- BUS127 - Human Relations
- COM101 - Oral Communications

Business Core Requirements 14 credits

Complete ALL of the following Courses:

- BUS123 - Business Law I
- BUS131 - Intro to Entrepreneurship
- BUS260 - Principles of Marketing
- BUS223 - Starting Your Business Plan

Choose 1:

Earn at least 3 credits from the following:

- BUS161A - Effective Selling
- BUS122 - Principles of Management

Degree Requirements 25 credits

Complete ALL of the following Courses:

- ACC201 - Principles of Accounting I
- ACC202 - Principles of Accounting II
- ACC206 - Quick Books Computerized Accounting
- ACC220 - Federal Taxation I
- BUS180D - Introduction to Word Processing-Part I
- BUS181C - Office Procedures I-Document Formatting
- BUS182C - Office Procedures II-Document Production
- CIS101EW - Intro to Electronic Spreadsheets
- CIS102EW - Intermediate Electronic Spreadsheets

Recommended Electives 5 credits

Earn at least 5 credits from the following:

- ACC100 - Fundamentals of Accounting
- BUS114 - Personal Finance
- BUS166 - Quality Customer Service
- BUS179 - Keyboarding
- CIS153A - Introduction to Data Base Management

Degree Maps

Degree Maps

Year 1

Fall Semester

Recommended Elective- see program requirements for options

[BUS126](#)

[ENG101](#)

[CIS120A](#)

[BUS127](#) or [COM101](#)

Winter Semester

[BUS123](#)

[PHIL205](#)

[BUS161A](#) or [BUS122](#)

[ACC201](#)

[BUS131](#)

[CIS101EW](#)

Recommended Elective- see program requirements for options

Year 2

Fall Semester

[BCOM102](#)

[ACC202](#)

[BUS260](#)

[BUS181C](#)

[BUS180D](#)

Winter Semester

[BUS114](#)

[BUS166](#)

[BUS179](#)

[CIS153A](#)

ADMAC_CERT - Administrative Medical Assistant Certificate

Overview

Department Title

Business

Program Description

The following certificate is designed to provide training to meet entry level positions in a medical office administrative position. Job titles include medical receptionist, registration clerk, scheduling clerk, business office coordinator, and patient access representative. Upon completion of the program, the student will be able to successfully recognize the importance of safeguarding confidentiality as it relates to medical/legal, professional and bio-ethical standards and laws, define and use terms related to the administrative medical office; and operate basic computer systems/software. Medical Administrative Assistants manage the front desk and office side of the medical practice. Job duties may include checking patients in and out at the front desk, answering the telephone, scheduling patients for appointments, compiling medical records and charts, using computer software, and maintaining supplies for the office. This certificate is not designed for the student planning to transfer to a four-year institution. Any student desiring to pursue a transfer program in business should consult with a counselor. This certificate flows directly into the Administrative/Office Management - Medical, AAS degree. Students are eligible to sit for the Certified Medical Administrative Assistant (CMAA) exam through the National Healthcareer Association upon completion of the program.

Degree

ADMAC - Administrative Medical Assist

Requirements

Simple Requisites

<p>Program Requirements</p> <p>Certificate Requirements 32-33 credits</p> <p>Type Completion Requirement</p> <p>Required courses</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none">• ENG101 - English Composition• AH101 - Medical Terminology• AH104 - Medical Insurance Billing• AH196 - Electronic Health Records• BIOL115 - Intro to Anatomy and Physiology• BUS179 - Keyboarding• BUS180D - Introduction to Word Processing-Part I• BUS181C - Office Procedures I-Document Formatting• BUS195 - Medical Records Management• CIS120A - Intro to Computer Information Systems• MA101A - Medical Assistant Administrative I• MA105A - Medical Assistant Administrative II

Degree Maps

Degree Maps

Year 1

Fall Semester

[CIS120A](#)

[BUS179](#)

[AH101](#)

[MA101A](#)

[ENG101](#)

[BUS195](#)

Winter Semester

[MA105A](#)

[AH104](#)

[BUS180D](#)

[BUS181C](#)

[BIOL115](#)

Summer Semester

[AH196](#)

ADOMG.AAS - Administrative Office Management AAS

Overview

Department Title

Business

Program Description

This program is for the AAS degree student and is not designed for the student wishing to transfer to a four-year institution. Any student desiring to pursue a transfer program in business should consult with a counselor. This program will provide training in office skills and administration in order for the student to attain a high degree of competency and meet entry-level qualifications for an administrative office assistant position. This degree will also prepare the student to supervise and manage a small to mid-size office. Upon completion of the program, the student will be able to use hardware and software commonly used in the office; successfully communicate through effective writing and speech; demonstrate the ability to keyboard at a speed that meets industry standards; create business documents following standards; effectively supervise, organize, and lead employees in the office environment; and demonstrate critical thinking skills as they relate to the administrative/office manager.

Degree

AAS - Associate in Applied Science

Requirements

Simple Requisites

Program Requirements
<p>Program Requirement</p> <p>Type Completion Requirement</p> <p>General Education Requirements- 18 credits</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> ENG101 - English Composition BCOM102 - Adv Business & Technical Communications BUS126 - Business Mathematics BUS127 - Human Relations CIS120A - Intro to Computer Information Systems PHIL205 - Business Ethics
<p>Business/OSE Core Requirements- 9 credits</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> ACC100 - Fundamentals of Accounting BUS121 - Introduction to Business BUS180D - Introduction to Word Processing-Part I
<p>Administrative Assistant/Specialist Core Requirements- 29-30 credits</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> ACC206 - Quick Books Computerized Accounting BUS125 - Supervision BUS123 - Business Law I BUS179 - Keyboarding BUS181C - Office Procedures I-Document Formatting BUS182C - Office Procedures II-Document Production BUS280C - Word Processing - Part II BUS290CI - Cooperative Internship Program

- BUS167 - Professionalism in Your Career
- CIS101EW - Intro to Electronic Spreadsheets
- CIS102EW - Intermediate Electronic Spreadsheets
- CIS119PP - Introduction to Presentation Graphics

Recommended Electives

Complete ANY of the following Courses:

- BUS123 - Business Law I
- BUS166 - Quality Customer Service
- BUS200 - International Business
- BUS220 - E-Business
- ECON101A - Principles of Macroeconomics

Degree Maps

Degree Maps

Year 1

Fall Semester

[CIS120A](#)

[BUS179](#)

[BUS121](#)

[ENG101](#)

[BUS126](#)

Elective- see program requirements for options

Winter Semester

[BUS181C](#)

[ACC100](#)

[BUS180D](#)

[BCOM102](#)

Elective- see program requirements for options

Year 2

Fall Semester

[BUS127](#) or [COM101](#)

[BUS182C](#)

[CIS106 - Missing course](#)

[CIS101EW](#)

[ACC206](#)

[BUS125](#)

Winter Semester

[BUS167](#)

[CIS102EW](#)

[CIS119PP](#)

[BUS280C](#)

[CIS153A](#)

[BUS123](#)

[BUS290CI](#)

[PHIL205](#)

ADOMM.AAS - Administrative Office Management Medical AAS

Overview

Department Title

Business

Program Description

This program is for the AAS degree student and is not designed for the student planning to transfer to a four-year institution. Any student desiring to pursue a transfer program in business should consult with a counselor. This program will provide training in medical office activities/procedures in order for the student to attain a high degree of competency and meet entry-level qualifications for an administrative office with specialized medical office skills. This includes the ability to manage administrative support staff of a small medical practice. Upon completion of the program, the student will be able to successfully communicate through effective writing and speech; recognize the importance of safeguarding confidentiality as it relates to the medical/legal, professional and bio-ethical standards and laws; define and use terms related to the administrative medical office; operate computer systems/software or other types of technology to accomplish office tasks; effectively supervise, organize, and lead employees in a medical office environment; and demonstrate problem solving skills as related to the management of employees.

Degree

AAS - Associate in Applied Science

Requirements

Simple Requisites

Program Requirements

Program Requirements- 62 credits

Type

Completion Requirement

General Education Requirements- 18 credits

Fulfill ALL of the following requirements:

Complete all:

Complete ALL of the following Courses:

- ENG101 - English Composition
- BCOM102 - Adv Business & Technical Communications
- BUS126 - Business Mathematics
- CIS120A - Intro to Computer Information Systems
- PSYC102 - Applied Psychology

AND

Choose 1:

Earn at least 3 credits from the following:

- BUS127 - Human Relations
- COM101 - Oral Communications

AND

Choose 1:

Earn at least 3 credits from the following:

- PHIL204 - Biomedical Ethics
- PHIL205 - Business Ethics

Business/Technology Core Requirements- 9 credits

Complete ALL of the following Courses:

- ACC100 - Fundamentals of Accounting
- BUS121 - Introduction to Business
- BUS180D - Introduction to Word Processing-Part I

Medical/Administrative Degree Core Requirements- 35 credits

Complete ALL of the following Courses:

- ACC206 - Quick Books Computerized Accounting
- AH101 - Medical Terminology
- AH104 - Medical Insurance Billing
- AH196 - Electronic Health Records
- BIOL115 - Intro to Anatomy and Physiology
- BUS125 - Supervision
- BUS167 - Professionalism in Your Career
- BUS179 - Keyboarding
- BUS181C - Office Procedures I-Document Formatting
- BUS182C - Office Procedures II-Document Production
- BUS195 - Medical Records Management
- CIS101EW - Intro to Electronic Spreadsheets
- MA101A - Medical Assistant Administrative I
- MA105A - Medical Assistant Administrative II

Recommended Electives (If BUS-179 keyboarding is waived)

Complete ANY of the following Courses:

- BUS290CI - Cooperative Internship Program
- CIS102EW - Intermediate Electronic Spreadsheets
- CIS119PP - Introduction to Presentation Graphics
- CIS153A - Introduction to Data Base Management

Degree Maps

Degree Maps

Year 1

Fall Semester

[ACC100](#)

[BUS126](#)

[ENG101](#)

[CIS120A](#)

[AH101](#)

[BUS179](#) (see program requirements for choice of electives if BUS-179 waived)

Winter Semester

[PHIL204](#)

[BUS121](#)

[BUS167](#)

[CIS101EW](#)

[BUS180D](#)

[BUS181C](#)

Year 2

Fall Semester

[BCOM102](#)

[AH104](#)

[BUS182C](#)

[BIOL115](#)

[MA101A](#)

Winter Semester

- [ACC206](#)
- [BUS127](#)
- [AH196](#)
- [BUS125](#)
- [BUS195](#)

AGRIC.AAS - Agriculture AAS

Overview

Department Title

Biology

Program Description

The MCC curriculum, paired with courses within a particular Michigan State University Certificate Program, prepares students for entry-level employment in agricultural operations. Students will earn an MSU certificate while also working towards an associate's degree. There are three available certificates from which to choose, listed following the MCC degree requirements. MSU Transfer Students: Students wishing to transfer to MSU as juniors must meet with the program coordinator during their first semester to alter general education courses to meet MSU requirements.

Degree

AAS - Associate in Applied Science

Requirements

Simple Requisites

<p>Program Requirements</p> <p>Program Requirements- 62 credits</p> <p>Type Completion Requirement</p> <p>General Education Requirements- 25 credits</p> <p>Fulfill ALL of the following requirements:</p> <p>Complete ALL English Requirements</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none">• ENG101 - English Composition• ENG102 - English Composition <p style="text-align: center;">————— AND —————</p> <p>Required Courses</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none">• BIOL121L&L - Plant Biology• BUS127 - Human Relations• HE110 - Industrial Safety and Workplace Training• GEOG215 - Introduction to Weather and Climate• ENV110L&L - Environmental Science• CIS120A - Intro to Computer Information Systems <p style="text-align: center;">————— AND —————</p> <p>choose 1:</p> <p>Complete ANY of the following Courses:</p> <ul style="list-style-type: none">• TMAT101A - Technical Math I• TMAT102A - Technical Math II• TMAT201 - Technical Math III• BUS126 - Business Mathematics• MATH109A - College Algebra• MATH115A - Probability and Statistics

MSU Occupational Specialty Requirements Credits: 34 credits
 Students will complete 34 credits of MSU Coursework in their concentration.
Agriculture Operations, Fruit & Vegetable Crop Management, Landscape Management

Degree Maps

Degree Maps

Year 1

Fall Semester

[ENG101](#)
[HE110](#)
 PLP-105
 CSS-105
 CSS-143
 MCC Elective

Winter Semester

BIOL-121L&L
[BCOM102](#) or [ENG102](#)
 AE-143
 CSS-101
 MSU Elective

Summer Semester

MSU Internship

Year 2

Fall Semester

[BUS127](#)
[CIS120A](#)
 CSS-126
 AT-202
 ENT-110
 MCC Elective

Winter Semester

Math Requirement
 FS-101L&L
 ABM-130
 AE-131
 MSU Elective

AGS.AGS - Associate in General Studies

Overview

Department Title

4da9dc37-3d4f-43fb-a190-9d5b0319c5bd

Program Description

The AGS degree is designed for students interested in self-enrichment who are not following a specific occupational or transfer program. Courses may be selected to suit individual student goals. Students should consult with a counselor for further information.

Degree

AGS - Associate in General Studies

Requirements

Simple Requisites

Program Requirements

Program Requirements- 60 credits

Type
 Completion Requirement

Communication - 6 credits

Fulfill ANY of the following requirements:

Communication- Take 2 courses

Complete ANY of the following Courses:

- ENG101 - English Composition
- ENG102 - English Composition
- COM101 - Oral Communications
- COM102 - Mass Media
- COM107 - Introduction to Journalism
- COM201 - Public Speaking

————— OR —————

English

Any 200-level English course

Problem Solving- 3 credits

Fulfill ANY of the following requirements:

Business

Enroll in the following Courses:

- BUS126 - Business Mathematics

————— OR —————

Math

Any 100 level or higher Math course

————— OR —————

Technical Math

any Technical Math course

Science and Technology- 3 credits

Fulfill ANY of the following requirements:

Science and Technology

Complete ANY of the following Courses:

- ANTH105D - Intro to Phys Anthropology/Archaeology
- AMT129A - Introduction to Technology
- GEOG101A - Physical Geography - Lecture and Lab
- GEOG215 - Introduction to Weather and Climate

OR

Astronomy

Any Astronomy course

OR

Biology

Any Biology course

OR

Chemistry

Any Chemistry course

OR

Computer Information Systems

Any CIS course

OR

Geology

Any Geology course

OR

Physical Science

Any Physical Science course

OR

Physics

Any Physics course

Ethical Reasoning and Creativity- 6 credits

Fulfill ANY of the following requirements:

Ethical Reasoning and Creativity

Complete ANY of the following Courses:

- ART100A - Art Appreciation
- ART104 - Drawing I
- ART105B - Two-Dimensional Form and Surface
- ART107 - Painting I
- ART108 - Ceramics I
- ART109 - Sculpture I
- ART117 - Three-Dimensional Form and Space

- ART204B - Drawing II (Transfer Portfolio Prep)
- ART207 - Painting II
- ART208 - Ceramics II
- ART209 - Sculpture II
- ART220 - Figure Drawing
- ART240 - Professional Practices in Art
- COM203 - Introduction to Cinema
- ENG216 - Introduction to Film
- PHIL101 - Basic Concepts of Philosophy
- PHIL102 - Principles of Logic
- PHIL104 - Symbolic Logic
- PHIL202 - Introduction to Ethics
- PHIL204 - Biomedical Ethics
- PHIL205 - Business Ethics
- PHIL207 - Environmental Ethics

OR

Dance

Any Dance course

OR

Music

Any Music course

OR

Theatre

Any Theatre course

Personal, Social, and Cultural Awareness- 3 credits

Fulfill ANY of the following requirements:

Personal, Social, and Cultural Awareness

Complete ANY of the following Courses:

- ANTH103 - Cultural Diversity in Contemp. Society
- ANTH110 - Introduction to Cultural Anthropology
- ART198 - Art History I: Ancient Art - Renaissance
- ART199 - Art History II - Renaissance Art/Modern
- ART202 - Contemporary Art History
- BUS127 - Human Relations
- ENG207 - Literature of Race & Ethnicity
- ENG211 - Literature of World Mythology
- ENG213 - Literature of Shakespeare
- ENG218A - Horror, Fantasy, and Science Fiction
- ENG225 - Major American Writers-American
- ENG226 - Major American Writers-American
- ENG228 - British Literature II (1750-Today)
- ENG231 - Themes in Women's Literature
- GEOG104 - Cultural Geography
- GEOG105 - World Regional Geography
- MU103A - Music Appreciation
- PHIL105 - World Religions
- PHIL203 - Philosophy of Religion
- TH201 - Introduction to Theater History

OR

Economics

Any Economics course

OR

Foreign Language

Any Foreign Language course

OR

History

Any History course

OR

Humanities

Any Humanities course

OR

Political Science

Any Political Science course

OR

Psychology

Any Psychology course

OR

Sociology

Any Sociology course

OR

Women's Studies

Any Women's Studies course

Physical Education- 2 credits

Fulfill ANY of the following requirements:

Option 1:

Fulfill ALL of the following requirements:

PEA

Complete ANY of the following Courses:

- PEA101A - Fitness, Wellness and Nutrition
- PEA103 - Weight Training
- PEA104A - Walking, Jogging and Conditioning
- PEA118 - Cycling
- PEA201 - Aerobic Movement for Fitness

AND

Physical Education or Dance course

Any PEA/DNC course

OR

Option 2:

Enroll in the following Courses:

- PEA121 - Human Movement Science

Electives

35 credits

Degree Maps

Degree Maps

Year 1

Fall Semester

Communication Requirement
 Problem Solving Course
 Ethical Reasoning & Creativity
 Electives (6 credits)- Meet with a counselor
 PEA Requirement

Winter Semester

Communication Requirement
 Science & Technology Requirement
 Ethical Reasoning & Creativity
 Personal Social & Cultural Awareness
 PEA Requirement

Year 2

Fall Semester

Electives (15 credits)- Meet with a counselor

Winter Semester

Electives (16 credits)- Meet with a counselor

APRE_CERT - Apprenticeship Certificate

Overview

Department Title

Tech Related

Program Description

This certificate program provides students with the foundation skills necessary to complete the academic portion of their apprenticeship. Students will learn basic technical skills required to build, install, repair, and service industrial equipment. Students who are interested in enrolling in this program must be a registered apprentice.

Degree

APRE - Apprenticeship

Requirements

Simple Requisites

Program Requirements
<p>Certificate Requirements-24 credits</p> <p>Type Completion Requirement</p> <p>Required Math 3-5 credits</p> <p>Complete at least 1 of the following courses:</p> <ul style="list-style-type: none"> • TMAT101A - Technical Math I • TMAT102A - Technical Math II • TMAT201 - Technical Math III • MATH109A - College Algebra • MATH141 - Precalculus
<p>Electives 19-21 credits</p> <p>Earn at least 19 credits from the following:</p> <ul style="list-style-type: none"> • AMT129A - Introduction to Technology • CAD110 - Introduction to Computer-Aided Drafting • CAD150 - Blueprint Reading • CAD151 - Geometric Dimensioning & Tolerancing • CAD211 - Introduction to Inventor • CAD250 - Introduction to SolidWorks 3D • CAD252 - CAD252 Advanced SolidWorks • CAD255 - Introduction to Siemens Nx • CAD256 - Special Topics in SolidWorks • CAD260 - CAD CAPSTONE • ELTC101AL&L - Electricity-Basic • ELTC103 - Residential Wiring • ELTC104A - Basic Industrial Robotics • ELTC150 - Industrial Electricity • ELTC152 - National Electrical Code • ELTC160L&L - Programmable Controllers • ELTC201 - Non-Linear Electronics • ELTC202 - Controls for Automation • ELTC220 - Electrical Troubleshooting • ELTC230 - Advanced PLC and Automation • ENGR105 - Introduction to Engineering • HE110 - Industrial Safety and Workplace Training • HP101 - Hydraulics/Pneumatics • HP201 - Advanced Hydraulics • MET101 - Industrial Materials

- MET102 - Basic Cast Metals
- MET201 - Metallurgy
- MT101B - Basic Machining
- MT102A - Intermediate Machining
- MT103A - Advanced Machining
- MT150 - Machinery Handbook
- MT205A - NC/CNC Numerical Control/Computer
- MT206A - 2-D CAD/CAM Computer-Aided
- MT216 - 3-D CAD/CAM Computer-Aided Design/Mach
- MT218 - 5-Axis CNC & CMM
- MT240 - Basic Machine Repair
- QC101 - Basic Quality Control
- TECH290CI - Cooperative Internship
- W101A - Basic Welding
- W102A - Gas Metal Arc Welding (MIG)
- W103A - Gas Tungsten Arc Welding (TIG)
- W105 - Shielded Metal Arc Welding
- W201 - Structural Welding
- W202A - Pipe Welding
- W206 - Metal Fabrication

Degree Maps

Degree Maps

Year 1

Fall Semester

Math

Electives (4-16 credits-meet with a counselor)

Winter Semester

Electives (5-20 credits- Meet with a counselor)

ARTPW.ASA - Arts Pathway Associate in Science and Arts

Overview

Department Title

Humanities

Program Description

The Art Pathway degree will prepare students who plan to transfer to a participating four-year college or university and work towards a bachelor's degree in Art, Fine Arts or Graphic Design, dependent on the signed agreement by the four-year college or university.

Degree

ASA - Associate in Science and Arts

Requirements

Simple Requisites

Program Requirements

Program Requirements- 62 credits

Type

Completion Requirement

English

Enroll in the following Courses:

- ENG101 - English Composition
- ENG102 - English Composition

Science

Fulfill ALL of the following requirements:

Science Lab Course

Fulfill ANY of the following requirements:

Science lab course

Complete ANY of the following Courses:

- ENV110L&L - Environmental Science
- GEOG101A - Physical Geography - Lecture and Lab
- GEOG215 - Introduction to Weather and Climate
- GEOL101A - Introduction to Physical Geology
- GEOL102 - Introduction to Earth History
- PHSC101A - Introductory Physical Science L&L
- PHYS201CL&L - College Physics I Lecture and Lab
- PHYS202CL&L - Principles of Physics Lecture & Lab
- PHYS203L&L - Engineering Physics Lecture & Lab
- PHYS204L&L - Engineering Physics Lecture & Lab

OR

Biology

Any Biology course with lab

OR

Chemistry

Any Chemistry course with lab

AND

Non-Lab course:

Complete ANY of the following Courses:

- ANTH105D - Intro to Phys Anthropology/Archaeology
- ASTR101 - General Astronomy
- ASTR105A - Cosmology
- BIOL115 - Intro to Anatomy and Physiology
- BIOL200 - Introductory Evolution
- BIOL207LEC - Microbiology Lecture
- GEOG214 - Science of Climate Change
- GEOG260 - Geoscience Field Experience
- GEOL100 - Natural Disasters

Math

Complete ANY of the following Courses:

- MATH107A - Mathematics for Liberal Arts
- MATH109A - College Algebra
- MATH115A - Probability and Statistics
- MATH141 - Precalculus
- MATH161 - Calculus I
- MATH162A - Calculus II
- MATH215A - Statistics for Science & Engineering
- MATH276 - Linear Algebra With Applications
- MATH283 - Calculus III
- MATH295 - Differential Equations w/Linear Algebra

Ethics and Logic

Complete ANY of the following Courses:

- PHIL101 - Basic Concepts of Philosophy
- PHIL102 - Principles of Logic
- PHIL104 - Symbolic Logic
- PHIL202 - Introduction to Ethics
- PHIL203 - Philosophy of Religion
- PHIL204 - Biomedical Ethics
- PHIL205 - Business Ethics
- PHIL207 - Environmental Ethics

Social Relations

Complete ANY of the following Courses:

- ECON101A - Principles of Macroeconomics
- ECON102A - Principles of Microeconomics
- PSYC102 - Applied Psychology
- PSYC201 - General Psychology
- PSYC203 - Abnormal Psychology
- PSYC207 - Life Span Development
- PSYC209 - Psychological Disorders of Childhood
- PSYC210 - Social Psychology
- SOC101 - Principles of Sociology
- SOC102A - Race, Ethnicity, & Immigration
- SOC202A - Modern Social Problems
- SOC203 - Introduction to Social Work
- SOC205 - Marriage and Family
- SOC206 - Introduction to Aging
- WGS101 - Intro to Women's & Gender Studies
- WGS201 - LGBTQ Studies

Western Culture

Enroll in the following Courses:

- ART198 - Art History I: Ancient Art - Renaissance

American Culture

Complete ANY of the following Courses:

- HIST201 - United States to 1877
- HIST202 - U.S. From Reconstruction-Present
- HIST207 - African American History
- HIST211 - Michigan History
- HIST212B - Gettysburg Battlefields
- HIST214 - Siege of Vicksburg-US Civil War
- HIST220 - Labor Studies
- PSCI111 - Introduction to American Government
- PSCI205 - Contemporary Political Issues in US
- PSCI220 - Labor Studies

Aesthetic Values

Enroll in the following Courses:

- ART104 - Drawing I

Physical Education

Fulfill ANY of the following requirements:

Option 1:

Fulfill ALL of the following requirements:

PEA course 1 credit

Complete ANY of the following Courses:

- PEA101A - Fitness, Wellness and Nutrition
- PEA103 - Weight Training
- PEA104A - Walking, Jogging and Conditioning
- PEA118 - Cycling
- PEA201 - Aerobic Movement for Fitness

AND

One PEA/DNC course

1 credit

OR

Option 2 (3 credits):

Enroll in the following Courses:

- PEA121 - Human Movement Science

Program Specific Courses- 9 credits

Complete ALL of the following Courses:

- ART199 - Art History II - Renaissance Art/Modern
- ART105B - Two-Dimensional Form and Surface
- ART117 - Three-Dimensional Form and Space

Computer Competency

Fulfill ANY of the following requirements:

CIS Class- 3 credits

Pass any 3-credit-hour or greater CIS class with a "C" or better.

OR

CIS Competency Test

Pass MCC's CIS-110/120A Computer Competency Test

Recommended Electives- 18 credits

Complete ANY of the following Courses:

- ART107 - Painting I
- ART108 - Ceramics I
- ART109 - Sculpture I
- ART202 - Contemporary Art History
- ART204B - Drawing II (Transfer Portfolio Prep)
- ART220 - Figure Drawing

Degree Maps

Degree Maps

Year 1

Fall Semester

ENG101

ART105B

ART198

ART104

CIS110 or CIS120A

Winter Semester

ENG102

ART199

ART117

Math Requirement

Physical Education Requirement (2 credits)

Year 2

Fall Semester

Art Studio Elective

Science Requirement

Ethics/Logic Requirement

American Culture Requirement

Social Relationships

Winter Semester

Art Studio Elective

Science with Lab Requirement

International Culture Requirement

Electives (6 credits)

ASA.ASA - Associate in Science and Arts

Overview

Department Title

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Program Description

This degree is for students intending to transfer to a four-year college or university. If you wish to major in a program that requires you to transfer to a four year college, such as Social Work or Computer Science, the courses you need to take are outlined in the transfer guides available online at www.muskegoncc.edu. These programs are planned to enable students to transfer to bachelor degree-granting colleges and universities with advanced standing. Students graduating from Muskegon Community College with an Associate in Science and Arts Degree are generally admitted to the bachelor degree-granting institutions with junior year standing.

Degree

ASA - Associate in Science and Arts

Requirements

Simple Requisites

Program Requirements

General Education Requirements

Type

Completion Requirement

Communication

6 credits with grades of "C" or better

Complete ALL of the following Courses:

- ENG101 - English Composition
- ENG102 - English Composition

Science

6 credits with grades of "C" or better. Courses must be in two or more disciplines (subjects). Must include at least one lab science.

Fulfill ALL of the following requirements:

Lab Classes

Fulfill ANY of the following requirements:

Biology

Any MCC Biology course with a lab

BIOLOGY COURSES Please choose Lecture and Lab

OR

Chemistry

Any MCC Chemistry course with a lab

CHEMISTRY COURSES Please choose Lecture and Lab

OR

Environmental Science

Complete ANY of the following Courses:

- ENV110L&L - Environmental Science

OR

Geography

Complete ANY of the following Courses:

- GEOG101A - Physical Geography - Lecture and Lab
- GEOG215 - Introduction to Weather and Climate

OR

Geology

Complete ANY of the following Courses:

- GEOL101A - Introduction to Physical Geology
- GEOL102 - Introduction to Earth History

OR

Physical Science

Complete ANY of the following Courses:

- PHSC101A - Introductory Physical Science L&L

OR

Physics

Complete ANY of the following Courses:

- PHYS201CL&L - College Physics I Lecture and Lab
- PHYS202CL&L - Principles of Physics Lecture & Lab
- PHYS203L&L - Engineering Physics Lecture & Lab
- PHYS204L&L - Engineering Physics Lecture & Lab

AND

Non-Lab Classes

Fulfill ANY of the following requirements:

Anthropology

Complete ANY of the following Courses:

- ANTH105D - Intro to Phys Anthropology/Archaeology

OR

Astronomy

Complete ANY of the following Courses:

- ASTR101 - General Astronomy
- ASTR105A - Cosmology

OR

Biology

Complete ANY of the following Courses:

- BIOL115 - Intro to Anatomy and Physiology
- BIOL200 - Introductory Evolution
- BIOL207LEC - Microbiology Lecture

OR

Geography

Complete ANY of the following Courses:

- GEOG214 - Science of Climate Change
- GEOG260 - Geoscience Field Experience

OR

Geology

Complete ANY of the following Courses:

- GEOL100 - Natural Disasters

OR

Oceanography

Complete ANY of the following Courses:

- OCE101 - Introduction to Oceanography

Math

3 credits with grades of "C" or better.

Complete ANY of the following Courses:

- MATH107A - Mathematics for Liberal Arts
- MATH109A - College Algebra
- MATH115A - Probability and Statistics
- MATH141 - Precalculus
- MATH161 - Calculus I
- MATH162A - Calculus II
- MATH215A - Statistics for Science & Engineering
- MATH276 - Linear Algebra With Applications
- MATH283 - Calculus III
- MATH295 - Differential Equations w/Linear Algebra

Ethics and Logic

3 credits with grades of "C" or better.

Complete ANY of the following Courses:

- PHIL101 - Basic Concepts of Philosophy
- PHIL102 - Principles of Logic
- PHIL104 - Symbolic Logic
- PHIL202 - Introduction to Ethics
- PHIL203 - Philosophy of Religion
- PHIL204 - Biomedical Ethics
- PHIL205 - Business Ethics
- PHIL207 - Environmental Ethics

Social Relationships

3 credits with grades of "C" or better

Fulfill ANY of the following requirements:

Economics

Complete ANY of the following Courses:

- ECON101A - Principles of Macroeconomics
- ECON102A - Principles of Microeconomics

OR

Psychology

Complete ANY of the following Courses:

- PSYC102 - Applied Psychology
- PSYC201 - General Psychology
- PSYC203 - Abnormal Psychology
- PSYC207 - Life Span Development
- PSYC209 - Psychological Disorders of Childhood
- PSYC210 - Social Psychology

OR

Sociology

Complete ANY of the following Courses:

- SOC101 - Principles of Sociology
- SOC102A - Race, Ethnicity, & Immigration
- SOC202A - Modern Social Problems
- SOC203 - Introduction to Social Work
- SOC205 - Marriage and Family
- SOC206 - Introduction to Aging

OR

Women and Gender Studies

Complete ANY of the following Courses:

- WGS101 - Intro to Women's & Gender Studies
- WGS201 - LGBTQ Studies

Western Culture

3 credits with grades of "C" or better.

Fulfill ANY of the following requirements:

Art

Complete ANY of the following Courses:

- ART198 - Art History I: Ancient Art - Renaissance
- ART199 - Art History II - Renaissance Art/Modern
- ART202 - Contemporary Art History

OR

English

Complete ANY of the following Courses:

- ENG213 - Literature of Shakespeare
- ENG225 - Major American Writers-American
- ENG226 - Major American Writers-American
- ENG228 - British Literature II (1750-Today)
- ENG231 - Themes in Women's Literature

OR

History

Complete ANY of the following Courses:

- HIST101 - Western Civilization to 1500
- HIST102 - Western Civilization -1500 to Present

OR

Humanities

Complete ANY of the following Courses:

- HUM195 - Introduction to Humanities

OR

Theater

Complete ANY of the following Courses:

- TH201 - Introduction to Theater History

OR

Political Science

Complete ANY of the following Courses:

- PSCI100 - Introduction to Political Science

American Culture

3 credits with grades of "C" or better.

Fulfill ANY of the following requirements:

History

Complete ANY of the following Courses:

- HIST201 - United States to 1877
- HIST202 - U.S. From Reconstruction-Present
- HIST207 - African American History
- HIST211 - Michigan History
- HIST212B - Gettysburg Battlefields
- HIST214 - Siege of Vicksburg-US Civil War
- HIST220 - Labor Studies

OR

Political Science

Complete ANY of the following Courses:

- PSCI111 - Introduction to American Government
- PSCI205 - Contemporary Political Issues in US
- PSCI220 - Labor Studies

International Culture

3 credits with grades of "C" or better.

Fulfill ANY of the following requirements:

Anthropology

Complete ANY of the following Courses:

- ANTH103 - Cultural Diversity in Contemp. Society
- ANTH110 - Introduction to Cultural Anthropology

OR

English

Complete ANY of the following Courses:

- ENG207 - Literature of Race & Ethnicity
- ENG211 - Literature of World Mythology
- ENG218A - Horror, Fantasy, and Science Fiction
- ENG220 - Graphic Novels

OR

French

Complete ANY of the following Courses:

- FR101 - Basic French
- FR102 - Basic French
- FR201 - Intermediate French
- FR202 - Intermediate French

OR

Geography

Complete ANY of the following Courses:

- GEOG104 - Cultural Geography
- GEOG105 - World Regional Geography

OR

German

Complete ANY of the following Courses:

- GER101 - Basic German
- GER102 - Basic German

OR

History

Complete ANY of the following Courses:

- HIST150 - World History to 1500 CE
- HIST151 - World History From 1500 CE
- HIST216 - Introduction to World War II

OR

Philosophy

Complete ANY of the following Courses:

- PHIL105 - World Religions

OR

Political Science

Complete ANY of the following Courses:

- PSCI202 - International Relations
- PSCI210A - Int'l Organizations United Nations
- PSCI210B - International Organizations/Arab League
- PSCI211 - Comparative World Governments

OR

Spanish

Complete ANY of the following Courses:

- SPAN101 - Basic Spanish
- SPAN102 - Basic Spanish - Second Semester
- SPAN201 - Intermediate Spanish
- SPAN202 - Intermediate Spanish

Aesthetic Values

3 credits

Fulfill ANY of the following requirements:

Art

Complete ANY of the following Courses:

- ART100A - Art Appreciation
- ART104 - Drawing I
- ART105B - Two-Dimensional Form and Surface
- ART107 - Painting I
- ART108 - Ceramics I
- ART109 - Sculpture I
- ART117 - Three-Dimensional Form and Space
- ART204B - Drawing II (Transfer Portfolio Prep)
- ART207 - Painting II
- ART208 - Ceramics II
- ART209 - Sculpture II
- ART220 - Figure Drawing

OR

Dance

Complete ANY of the following Courses:

- DNC100 - Modern Dance I
- DNC101 - Modern Jazz Dance I
- DNC102 - Ballet I
- DNC106 - Social Dance I
- DNC200 - Modern Dance II
- DNC201 - Modern Jazz Dance II
- DNC206 - Social Dance II
- DNC210A - Repertory Dance Tour Company
- DNC210B - Repertory Dance Tour Company
- DNC210C - Repertory Dance Tour Group
- DNC210D - Repertory Dance Tour Company

OR

English

Complete ANY of the following Courses:

- ENG216 - Introduction to Film
- ENG222 - Creative Writing

OR

Music

Complete ANY of the following Courses:

- MU100 - Introduction to Music Theory
- MU101 - Music Theory
- MU102 - Music Theory
- MU103A - Music Appreciation
- MU192 - Music for the Classroom Teacher
- MU193A - Hip-Hop, Rock, and All the World's Music
- MU194 - Sight Reading and Ear Training
- MU195 - Sight Reading and Ear Training
- MU201 - Advanced Theory
- MU202 - Advanced Theory

Music Classes numbered 100 and above except Music 240

OR

Theater

Complete ANY of the following Courses:

- TH101 - Theater Appreciation

- TH102 - Introduction to Acting I
- TH108 - Theater for Children
- TH121 - Introduction to Technical Theater
- TH122 - Theater Set and Lighting Design
- TH141 - Applied Theater-Acting
- TH142 - Applied Theater-Dance
- TH144 - Applied Theater-Costuming
- TH145 - Applied Theater-Scenery Construction
- TH147 - Applied Theater-Production Crew
- TH148 - Applied Theater-Performance
- TH160 - Acting for TV and Film
- TH202 - Introduction to Acting II
- TH203 - Reader's Theater
- TH204 - Improvisation for Actors
- TH217 - Creative Dramatics
- TH260 - Student Production Practicum

OR

Communications

Complete ANY of the following Courses:

- COM203 - Introduction to Cinema

Physical Education

Minimum 2 credits. Choose ONE of the following options:

Fulfill ANY of the following requirements:

Option 1

Complete ANY of the following Courses:

- PEA101A - Fitness, Wellness and Nutrition
- PEA103 - Weight Training
- PEA104A - Walking, Jogging and Conditioning
- PEA118 - Cycling
- PEA201 - Aerobic Movement for Fitness

and any Physical Education, Dance, or Physical Education Professional 200.

OR

Option 2

Complete ALL of the following Courses:

- PEA121 - Human Movement Science

Computer Competency

Pass any 3-credit-hour or greater CIS class with a "C" or better, or pass MCC's CIS 110/120A Computer Competency Test.

Electives

Minimum 27 credits, chosen from courses above, or others reflecting your major or personal interests.

Additional Comments:

AUTE_CERT - Automotive Technician Certificate

Overview

Department Title

Automotive Tech

Program Description

The curriculum is designed to educate and train personnel to fill the mechanical, technical, and supervisory position in the automotive industry. Upon completing the program students will be prepared to work as an Auto Mechanic, Automotive Service Technician, Automotive Technician, or Automotive Parts Specialist. Students planning to transfer should consult with an MCC counselor. This is intended to go directly into the workforce.

Degree

AUTE - Automotive Technician

Winter Semester

[AT122](#)

[AT123](#)

[AT212](#)

Math

Summer Semester

[AT160A](#)

Requirements

Simple Requisites

<p>Program Requirements</p> <p>Certificate Requirements-30-32 credits</p> <p>Type Completion Requirement</p> <p>Math Requirement 3-5 credits</p> <p>Complete course(s) and earn 3 - 5 credits from the following:</p> <ul style="list-style-type: none">• TMAT101A - Technical Math I• TMAT102A - Technical Math II• TMAT201 - Technical Math III• MATH109A - College Algebra• MATH141 - Precalculus <p>Required Courses- 27 credits</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none">• AT114 - Automotive Power Plants - Engine• AT120 - Introduction to Electrical Systems I• AT121 - Electrical Systems II• AT122 - Fuel Systems and Emission Controls• AT123 - Engine Tune Up (drivability)• AT150A - Automotive Brakes• AT160A - Automotive Air Conditioning• AT210 - Power Trains (Manual Drive Trains)• AT212 - Alignment and Suspension

Degree Maps

Degree Maps

Year 1

Fall Semester

[AT114](#)

[AT120](#)

[AT121](#)

[AT150A](#)

[AT210](#)

AUTO.AAS - Automotive Technology-Associate in Applied Science

Overview

Department Title

Automotive Tech

Program Description

This curriculum is designed to educate and train personnel to fill the mechanical, technical, and supervisory positions in the automotive industry. Successful completion of the program leads to the degree of Associate in Applied Science. (Students may elect only those courses required to develop a particular skill without enrolling in the entire program of study that leads to a degree.) Students who wish to complete a program in two years are advised to use a sequence of courses recommended by their counselor or by the instructor. If a student wishes to attend college on less than a full-time basis, the program may be extended beyond two years.

Degree

AAS - Associate in Applied Science

Requirements

Simple Requisites

Program Requirements

Program Requirements- 60 credits

Type

Completion Requirement

General Education Requirements- 15-20 credits

Fulfill ALL of the following requirements:

English

Enroll in the following Courses:

- ENG101 - English Composition

————— AND —————

Choose 4:

Complete exactly 4 course(s) and earn 12 - 17 credits from the following:

- BCOM102 - Adv Business & Technical Communications
- BUS127 - Human Relations
- COM201 - Public Speaking
- CSS100A - College Success Seminar
- ECON101A - Principles of Macroeconomics
- HIST102 - Western Civilization -1500 to Present
- HIST202 - U.S. From Reconstruction-Present
- HUM195 - Introduction to Humanities
- MATH109A - College Algebra
- MATH141 - Precalculus
- PSCI100 - Introduction to Political Science
- SOC101 - Principles of Sociology
- TMAT101A - Technical Math I
- TMAT102A - Technical Math II
- TMAT201 - Technical Math III

Automotive Technology Requirements- 24 credits

Complete ALL of the following Courses:

- AT114 - Automotive Power Plants - Engine
- AT120 - Introduction to Electrical Systems I
- AT121 - Electrical Systems II
- AT122 - Fuel Systems and Emission Controls
- AT123 - Engine Tune Up (drivability)
- AT150A - Automotive Brakes
- AT210 - Power Trains (Manual Drive Trains)
- AT212 - Alignment and Suspension

Choose 1 Option- 17 credits

Fulfill ANY of the following requirements:

Option 1

Complete ALL of the following Courses:

- AT160A - Automotive Air Conditioning
- AT211 - Automatic Transmissions
- AT214 - Service Management
- AT223 - Advanced Engine Performance
- AT230 - Automotive Service

————— OR —————

Option 2

Complete ALL of the following Courses:

- HIST101 - Western Civilization to 1500
- MATH161 - Calculus I
- PHYS201CL&L - College Physics I Lecture and Lab
- PSYC201 - General Psychology

Required Electives- 0-4 credits

Complete ANY of the following Courses:

- COM201 - Public Speaking
- CSS100A - College Success Seminar
- ECON101A - Principles of Macroeconomics
- HE110 - Industrial Safety and Workplace Training
- HP101 - Hydraulics/Pneumatics
- MET101 - Industrial Materials
- MET201 - Metallurgy
- MT101B - Basic Machining
- PHYS201CL&L - College Physics I Lecture and Lab
- W101A - Basic Welding
- TECH290CI - Cooperative Internship

Degree Maps

Degree Maps

Option 1:

Year 1

Fall Semester

[AT114](#)[AT120](#)[AT121](#)[ENG101](#)

Choose One from options in Program Requirement

Winter Semester

- [AT122](#)
- [AT123](#)
- [AT212](#)

Choose One from options in Program Requirement

Summer Semester

- [AT160A](#)
- [AT214](#)

Year 2

Fall Semester

- [AT150A](#)
- [AT210](#)
- [AT223](#)

Choose One from options in Program Requirement

Winter Semester

Choose Two from options in Program Requirement

- [AT211](#)
- [AT230](#)

Option 2:

Year 1

Fall Semester

- [AT114](#)
- [AT120](#)
- [AT121](#)
- [ENG101](#)

Choose One from options in Program Requirement

Winter Semester

- [AT122](#)
- [AT123](#)
- [AT212](#)
- [HIST101](#)

Choose One from options in Program Requirement

Year 2

Fall Semester

- [AT150A](#)
- [AT210](#)
- [PHYS201CL&L](#)

Choose One from options in Program Requirement

Winter Semester

Choose One from options in Program Requirement

- [PSYC201](#)
- [MATH161](#)

BCMP.ASA - Broadcasting/Multimedia/Performance ASA

Overview

Department Title

Business

Program Description

The Michigan Transfer Agreement Associate in Science and Arts (ASA) degrees are effective as of fall 2014. A minimum of 62 credit hours with a minimum cumulative 2.0 GPA is required for the ASA Degree. Courses numbered below 100 do not count toward the ASA. MCC and the Michigan Transfer Agreement require a "C" or better in courses used to meet ASA and MTA requirements.

Degree

ASA - Associate in Science and Arts

Requirements

Simple Requisites

Program Requirements
<p>Program Requirements- 62 credits</p> <p>Type Completion Requirement</p>
<p>Communication- 6 credits</p> <p>Enroll in the following Courses:</p> <ul style="list-style-type: none"> • ENG101 - English Composition • ENG102 - English Composition
<p>Science- 6 credits</p> <p>Fulfill ALL of the following requirements:</p> <p>Lab Classes:</p> <p>Fulfill ANY of the following requirements:</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>Biology</p> <p>Any MCC Biology course with lab</p> </div> <p style="text-align: center;">————— OR —————</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>Chemistry</p> <p>Any MCC Chemistry course with lab</p> </div> <p style="text-align: center;">————— OR —————</p> <div style="border: 1px solid black; padding: 5px;"> <p>Science with lab</p> <p>Complete ANY of the following Courses:</p> <ul style="list-style-type: none"> • ENV110L&L - Environmental Science • GEOG101A - Physical Geography - Lecture and Lab • GEOG214 - Science of Climate Change • GEOG215 - Introduction to Weather and Climate • GEOL101A - Introduction to Physical Geology • GEOL102 - Introduction to Earth History • PHSC101A - Introductory Physical Science L&L • PHYS201CL&L - College Physics I Lecture and Lab • PHYS202CL&L - Principles of Physics Lecture & Lab </div>

- PHYS203L&L - Engineering Physics Lecture & Lab
- PHYS204L&L - Engineering Physics Lecture & Lab

AND

Non-Lab:

Complete ANY of the following Courses:

- ANTH105D - Intro to Phys Anthropology/Archaeology
- ASTR101 - General Astronomy
- ASTR105A - Cosmology
- BIOL200 - Introductory Evolution
- BIOL207LEC - Microbiology Lecture
- GEOL100 - Natural Disasters
- GEOG214 - Science of Climate Change
- GEOG260 - Geoscience Field Experience

Math- 3 credits

Complete ANY of the following Courses:

- MATH107A - Mathematics for Liberal Arts
- MATH109A - College Algebra
- MATH115A - Probability and Statistics
- MATH141 - Precalculus
- MATH161 - Calculus I
- MATH162A - Calculus II
- MATH215A - Statistics for Science & Engineering
- MATH276 - Linear Algebra With Applications
- MATH283 - Calculus III
- MATH295 - Differential Equations w/Linear Algebra

Ethics and Logic- 3 credits

Complete ANY of the following Courses:

- PHIL101 - Basic Concepts of Philosophy
- PHIL102 - Principles of Logic
- PHIL104 - Symbolic Logic
- PHIL202 - Introduction to Ethics
- PHIL203 - Philosophy of Religion
- PHIL204 - Biomedical Ethics
- PHIL205 - Business Ethics
- PHIL207 - Environmental Ethics

Social Relationships- 3 credits

Complete ANY of the following Courses:

- ECON101A - Principles of Macroeconomics
- ECON102A - Principles of Microeconomics
- PSYC102 - Applied Psychology
- PSYC201 - General Psychology
- PSYC203 - Abnormal Psychology
- PSYC207 - Life Span Development
- PSYC209 - Psychological Disorders of Childhood
- PSYC210 - Social Psychology
- SOC101 - Principles of Sociology
- SOC102A - Race, Ethnicity, & Immigration
- SOC202A - Modern Social Problems
- SOC203 - Introduction to Social Work
- SOC205 - Marriage and Family
- SOC206 - Introduction to Aging
- WGS101 - Intro to Women's & Gender Studies
- WGS201 - LGBTQ Studies

Western Culture- 3 credits

Complete ANY of the following Courses:

- ART198 - Art History I: Ancient Art - Renaissance
- ART199 - Art History II - Renaissance Art/Modern
- ART202 - Contemporary Art History
- ENG213 - Literature of Shakespeare
- ENG225 - Major American Writers-American
- ENG226 - Major American Writers-American
- ENG228 - British Literature II (1750-Today)
- ENG231 - Themes in Women's Literature
- HIST101 - Western Civilization to 1500
- HIST102 - Western Civilization -1500 to Present
- HUM195 - Introduction to Humanities
- PSCI100 - Introduction to Political Science
- TH201 - Introduction to Theater History

American Culture- 3 credits

Complete ANY of the following Courses:

- HIST201 - United States to 1877
- HIST202 - U.S. From Reconstruction-Present
- HIST207 - African American History
- HIST211 - Michigan History
- HIST212B - Gettysburg Battlefields
- HIST214 - Siege of Vicksburg-US Civil War
- HIST220 - Labor Studies
- PSCI111 - Introduction to American Government
- PSCI205 - Contemporary Political Issues in US
- PSCI220 - Labor Studies

International Culture- 3 credits

Complete ANY of the following Courses:

- ANTH103 - Cultural Diversity in Contemp. Society
- ANTH110 - Introduction to Cultural Anthropology
- ENG207 - Literature of Race & Ethnicity
- ENG211 - Literature of World Mythology
- ENG218A - Horror, Fantasy, and Science Fiction
- FR101 - Basic French
- FR102 - Basic French
- FR201 - Intermediate French
- FR202 - Intermediate French
- GEOG104 - Cultural Geography
- GEOG105 - World Regional Geography
- GER101 - Basic German
- GER102 - Basic German
- HIST150 - World History to 1500 CE
- HIST151 - World History From 1500 CE
- HIST216 - Introduction to World War II
- PHIL105 - World Religions
- PSCI202 - International Relations
- PSCI210A - Int'l Organizations United Nations
- PSCI210B - International Organizations/Arab League
- PSCI211 - Comparative World Governments
- SPAN101 - Basic Spanish
- SPAN102 - Basic Spanish - Second Semester
- SPAN201 - Intermediate Spanish
- SPAN202 - Intermediate Spanish

Aesthetic Values- 3 credits

Enroll in the following Courses:

- TH160 - Acting for TV and Film

Physical Education and Health- 2 credits

Fulfill ANY of the following requirements:

Option 1:

Fulfill ALL of the following requirements:

One credit must be from:

Complete ANY of the following Courses:

- PEA101A - Fitness, Wellness and Nutrition
- PEA103 - Weight Training
- PEA104A - Walking, Jogging and Conditioning
- PEA118 - Cycling
- PEA201 - Aerobic Movement for Fitness

————— AND —————

One credit from:

Any PEA/DNC course

————— OR —————

Option 2:

Enroll in the following Courses:

- PEA121 - Human Movement Science

Program Required Courses-25 credits

Fulfill ALL of the following requirements:

Required Courses

Complete ALL of the following Courses:

- COM101 - Oral Communications
- COM102 - Mass Media
- COM107 - Introduction to Journalism
- COM112 - Audio Production
- COM113 - Practical Radio
- COM201 - Public Speaking
- COM212 - Television Production

————— AND —————

Choose one from the following:

Complete exactly 1 course(s) and earn exactly 3 credits from the following:

- CIS110 - Computer Concepts
- CIS120A - Intro to Computer Information Systems

————— AND —————

Choose one from the following:

Complete ANY of the following Courses:

- TH102 - Introduction to Acting I
- TH203 - Reader's Theater

Recommended Electives- minimum 2 credits

Complete ANY of the following Courses:

- BUS263 - Advertising Dynamics
- CIS119PP - Introduction to Presentation Graphics
- CIS287A - Digital Video Editing and Production
- COM203 - Introduction to Cinema
- COM290CI - Cooperative Internship

- ENG222 - Creative Writing
- GRD120 - Introduction to Graphic Design

Degree Maps

Degree Maps

Year 1

Fall Semester

ENG 101

CIS110 or CIS120A

COM101

COM112

CHOOSE 1: PEA101A, PEA103, PEA104A, PEA118, or PEA201

Winter Semester

ENG102

COM113

PSYC201 (Social Relationships)

Western Culture

COM203

DNC or PEA

Year 2

Fall Semester

COM107

TH102

ENG207

TH160

COM102

Science W/Lab

Winter Semester

COM212

COM201

Ethics/Logic

Science (W/out Lab)

American Culture

BCMT.AAS - Broadcasting and Multimedia/ Technical - AAS

Overview

Department Title

Business

Program Description

The Broadcasting and Multimedia/Technical curriculum is designed to prepare students for entry into the production side of television, radio, and related careers in news media. Core requirement classes strive to provide real world experience within the college's radio and television stations. As broadcasting transitions to digital delivery and expands to web and other new media methods of reaching listeners and viewers, this curriculum requires students to broaden their experiences to include networking, web design and graphic design. This program is not designed to transfer to a four-year institution. Any student wishing to transfer to a four-year college is urged to consult with a counselor.

Degree

AAS - Associate in Applied Science

Requirements

Simple Requisites

Program Requirements

Program Requirements- 62 credits

Type

Completion Requirement

General Education Requirements- 20-22 credits

Fulfill ALL of the following requirements:

Communication

Complete ALL of the following Courses:

- ENG101 - English Composition
- BCOM102 - Adv Business & Technical Communications

AND

Math

Complete exactly 1 course(s) and earn 3 - 4 credits from the following:

- BUS126 - Business Mathematics
- MATH109A - College Algebra

AND

Computer

Complete exactly 1 course(s) and earn exactly 3 credits from the following:

- CIS110 - Computer Concepts
- CIS120A - Intro to Computer Information Systems

AND

Social Science

Complete exactly 1 course(s) and earn 3 - 4 credits from the following:

- GEOG104 - Cultural Geography
- PHIL205 - Business Ethics
- PSCI111 - Introduction to American Government
- PSCI211 - Comparative World Governments
- PSYC102 - Applied Psychology
- PSYC201 - General Psychology

AND

PEA-2 credits

Fulfill ALL of the following requirements:

PEA

Complete ANY of the following Courses:

- PEA101A - Fitness, Wellness and Nutrition
- PEA103 - Weight Training
- PEA104A - Walking, Jogging and Conditioning
- PEA118 - Cycling
- PEA201 - Aerobic Movement for Fitness

AND

1 PEA credit

Any PEA/DNC credit of choice

Broadcasting and Multimedia/Technical Core Requirements- 34 credits

Complete ALL of the following Courses:

- CIS109A - Comptia A+ Part A
- CIS143A - Windows Server Admin I
- CIS287A - Digital Video Editing and Production
- COM101 - Oral Communications
- COM102 - Mass Media
- COM112 - Audio Production
- COM113 - Practical Radio
- COM212 - Television Production
- COM290CI - Cooperative Internship
- ART105B - Two-Dimensional Form and Surface
- GRD120 - Introduction to Graphic Design
- TH121 - Introduction to Technical Theater

Recommended Electives- 6-8 credits

Complete ANY of the following Courses:

- BUS200 - International Business
- BUS263 - Advertising Dynamics
- COM107 - Introduction to Journalism
- COM201 - Public Speaking
- COM203 - Introduction to Cinema
- ENG222 - Creative Writing
- GRD103 - Introduction to Photoshop

Degree Maps

Degree Maps

Year 1

Fall Semester

ENG 101

CIS110 or CIS120A

COM101

COM112

BUS127 or BUS166

CHOOSE 1: PEA101A, PEA103, PEA104A, PEA118, or PEA201

Winter Semester

BCOM102

CHOOSE 1: GEOG104, PHIL205, PSCI111, PSCI211, PSYC102 or PSYC201

CIS287A

COM113

GRD120

Year 2

Fall Semester

TH121

CIS109A

CIS143A

COM102

BUS122 or BUS125

Winter Semester

COM212

COM290CI

ART105B

BUS126 or MATH109A

GRD103

One PEA/DNC

BIOPW.ASA - Biology Pathway Associate in Science and Arts

Overview

Department Title

Biology

Program Description

The MiTransfer Pathway Associate in Science and Arts (ASA) degree includes the Michigan Transfer Agreement (MTA) and is designed for students who plan to transfer to a four-year college or university and major in a particular discipline.

Degree

ASA - Associate in Science and Arts

Requirements

Simple Requisites

Program Requirements

Program Requirements- 62 credits

Type

Completion Requirement

Communication- 6 credits

Enroll in the following Courses:

- ENG101 - English Composition
- ENG102 - English Composition

Science- 6 credits- from 2 or more disciplines/subjects.

Fulfill ALL of the following requirements:

Lab Courses

Enroll in the following Courses:

- BIOL130L&L - General Biology I
- CHEM101A - General and Inorganic Chemistry Lab
- CHEM101LEC - General and Inorganic Chemistry Lecture

Math- 3 credits

Complete ANY of the following Courses:

- MATH109A - College Algebra
- MATH115A - Probability and Statistics
- MATH141 - Precalculus
- MATH161 - Calculus I
- MATH162A - Calculus II
- MATH283 - Calculus III

Ethics and Logic- 3 credits

Complete ANY of the following Courses:

- PHIL101 - Basic Concepts of Philosophy
- PHIL102 - Principles of Logic
- PHIL104 - Symbolic Logic
- PHIL202 - Introduction to Ethics
- PHIL203 - Philosophy of Religion
- PHIL204 - Biomedical Ethics
- PHIL205 - Business Ethics
- PHIL207 - Environmental Ethics

Social Relationships- 3 credits

Complete ALL of the following Courses:

- ECON101A - Principles of Macroeconomics
- ECON102A - Principles of Microeconomics
- PSYC102 - Applied Psychology
- PSYC201 - General Psychology
- PSYC203 - Abnormal Psychology
- PSYC207 - Life Span Development
- PSYC209 - Psychological Disorders of Childhood
- PSYC210 - Social Psychology
- SOC101 - Principles of Sociology
- SOC102A - Race, Ethnicity, & Immigration
- SOC202A - Modern Social Problems
- SOC203 - Introduction to Social Work
- SOC205 - Marriage and Family
- SOC206 - Introduction to Aging
- WGS101 - Intro to Women's & Gender Studies
- WGS201 - LGBTQ Studies

Western Culture- 3 credit

Complete ANY of the following Courses:

- ART198 - Art History I: Ancient Art - Renaissance
- ART199 - Art History II - Renaissance Art/Modern
- ART202 - Contemporary Art History
- ENG213 - Literature of Shakespeare
- ENG225 - Major American Writers-American
- ENG226 - Major American Writers-American
- ENG228 - British Literature II (1750-Today)
- ENG231 - Themes in Women's Literature
- HIST101 - Western Civilization to 1500
- HIST102 - Western Civilization -1500 to Present
- HUM195 - Introduction to Humanities
- PSCI100 - Introduction to Political Science
- TH201 - Introduction to Theater History

American Culture- 3 credits

Complete ANY of the following Courses:

- HIST201 - United States to 1877
- HIST202 - U.S. From Reconstruction-Present
- HIST207 - African American History
- HIST211 - Michigan History
- HIST212B - Gettysburg Battlefields
- HIST214 - Siege of Vicksburg-US Civil War
- HIST220 - Labor Studies
- PSCI111 - Introduction to American Government
- PSCI205 - Contemporary Political Issues in US
- PSCI220 - Labor Studies

International Culture- 3 credits

Complete ANY of the following Courses:

- ANTH103 - Cultural Diversity in Contemp. Society
- ANTH110 - Introduction to Cultural Anthropology
- ENG207 - Literature of Race & Ethnicity
- ENG211 - Literature of World Mythology
- ENG218A - Horror, Fantasy, and Science Fiction
- FR101 - Basic French
- FR102 - Basic French
- FR201 - Intermediate French
- FR202 - Intermediate French
- GEOG104 - Cultural Geography
- GEOG105 - World Regional Geography
- GER101 - Basic German

- GER102 - Basic German
- HIST150 - World History to 1500 CE
- HIST151 - World History From 1500 CE
- HIST216 - Introduction to World War II
- PHIL105 - World Religions
- PSCI202 - International Relations
- PSCI210A - Int'l Organizations United Nations
- PSCI210B - International Organizations/Arab League
- PSCI211 - Comparative World Governments
- SPAN101 - Basic Spanish
- SPAN102 - Basic Spanish - Second Semester
- SPAN201 - Intermediate Spanish
- SPAN202 - Intermediate Spanish

Aesthetic Values- 3 credit

Complete ANY of the following Courses:

- ART100A - Art Appreciation
- ART104 - Drawing I
- ART105B - Two-Dimensional Form and Surface
- ART107 - Painting I
- ART108 - Ceramics I
- ART109 - Sculpture I
- ART117 - Three-Dimensional Form and Space
- ART204B - Drawing II (Transfer Portfolio Prep)
- ART207 - Painting II
- ART208 - Ceramics II
- ART209 - Sculpture II
- ART220 - Figure Drawing
- DNC100 - Modern Dance I
- DNC101 - Modern Jazz Dance I
- DNC102 - Ballet I
- DNC106 - Social Dance I
- DNC200 - Modern Dance II
- DNC201 - Modern Jazz Dance II
- DNC206 - Social Dance II
- DNC210A - Repertory Dance Tour Company
- DNC210B - Repertory Dance Tour Company
- DNC210C - Repertory Dance Tour Group
- DNC210D - Repertory Dance Tour Company
- ENG216 - Introduction to Film
- ENG222 - Creative Writing
- MU100 - Introduction to Music Theory
- MU101 - Music Theory
- MU102 - Music Theory
- MU103A - Music Appreciation
- MU192 - Music for the Classroom Teacher
- MU193A - Hip-Hop, Rock, and All the World's Music
- MU194 - Sight Reading and Ear Training
- MU195 - Sight Reading and Ear Training
- MU201 - Advanced Theory
- MU202 - Advanced Theory
- TH101 - Theater Appreciation
- TH102 - Introduction to Acting I
- TH108 - Theater for Children
- TH121 - Introduction to Technical Theater
- TH122 - Theater Set and Lighting Design
- TH141 - Applied Theater-Acting
- TH142 - Applied Theater-Dance
- TH144 - Applied Theater-Costuming
- TH145 - Applied Theater-Scenery Construction
- TH147 - Applied Theater-Production Crew
- TH148 - Applied Theater-Performance
- TH160 - Acting for TV and Film
- TH202 - Introduction to Acting II

- TH203 - Reader's Theater
- TH204 - Improvisation for Actors
- TH212 - Summer Theater Workshop
- TH217 - Creative Dramatics
- TH260 - Student Production Practicum

Physical Education- 2-3 credits

Fulfill ANY of the following requirements:

Option 1 (2 credits):

Fulfill ALL of the following requirements:

PEA- 1 credit

Complete ANY of the following Courses:

- PEA101A - Fitness, Wellness and Nutrition
- PEA103 - Weight Training
- PEA104A - Walking, Jogging and Conditioning
- PEA118 - Cycling
- PEA201 - Aerobic Movement for Fitness

AND

PEA- 1 credit

Any PEA/DNC course

OR

Option 2 (3 credits):

Enroll in the following Courses:

- PEA121 - Human Movement Science

Program Specific Courses- 19 credits

Complete ALL of the following Courses:

- BIOL131L&L - General Biology II
- CHEM102A - General and Inorganic Chemistry-Lab
- CHEM102LEC - General and Inorganic Chemistry-Lecture
- CHEM201E - Organic Chemistry I - Lecture
- CHEM201F - Organic Chemistry I - Lab
- CHEM202F - Organic Chemistry-Lecture
- CHEM202G - Organic Chemistry-Lab

Computer Competency

Fulfill ANY of the following requirements:

CIS Course

Pass any 3-credit-hour or greater CIS class with a "C" or better

OR

Competency Test

Pass MCC's CIS-110/120A Computer Competency Test

Electives- Minimum 8-credits

Elective credits will be comprised of additional required class credits earned in the general education requirements. Please work with an MCC counselor and refer to the transfer guide from 4 year institution to select courses to transfer.

Degree Maps

Degree Maps

Year 1

Fall Semester

[ENG101](#)

[BIOL130L&L](#)

[CHEM101LEC](#)

[CHEM100A](#)

Physical Education Requirement (1 credit)

Western Culture Requirement

Winter Semester

[ENG102](#)

[CIS110](#) or [CIS120A](#)

[CHEM102LEC](#)

[CHEM102A](#)

[BIOL131L&L](#)

Physical Education Requirement (1 credit)

Year 2

Fall Semester

[CHEM201E](#)

[CHEM201F](#)

Math Requirement

American Culture Requirement

Social Relationships

Winter Semester

[CHEM202F](#)

[CHEM202G](#)

Aesthetic Values

Ethics & Logic

International Culture

BUSPW.ASA - Business Pathway Associates in Science and Arts

Overview

Department Title

Business

Program Description

The MiTransfer Pathway Associate in Science and Arts (ASA) degree includes the Michigan Transfer Agreement (MTA) and is designed for students who plan to transfer to a four-year college or university and major in a particular discipline.

Degree

ASA - Associate in Science and Arts

Requirements

Simple Requisites

Program Requirements

Program Requirements- 62 credits

Type

Completion Requirement

Communication- 6 credits

Enroll in the following Courses:

- ENG101 - English Composition
- ENG102 - English Composition

Science- 6 credits- from 2 or more disciplines/subjects. 1 lab course

Fulfill ALL of the following requirements:

Lab Course:

Fulfill ANY of the following requirements:

Biology

Any MCC Biology course with a lab

OR

Chemistry

Any MCC Chemistry course with a lab

OR

Lab courses

Complete ANY of the following Courses:

- ENV110L&L - Environmental Science
- GEOG101A - Physical Geography - Lecture and Lab
- GEOG215 - Introduction to Weather and Climate
- GEOL101A - Introduction to Physical Geology
- GEOL102 - Introduction to Earth History
- PHSC101A - Introductory Physical Science L&L
- PHYS201CL&L - College Physics I Lecture and Lab
- PHYS202CL&L - Principles of Physics Lecture & Lab
- PHYS203L&L - Engineering Physics Lecture & Lab
- PHYS204L&L - Engineering Physics Lecture & Lab

AND

Non-Lab

Complete ANY of the following Courses:

- ANTH105D - Intro to Phys Anthropology/Archaeology
- ASTR101 - General Astronomy
- ASTR105A - Cosmology
- BIOL115 - Intro to Anatomy and Physiology
- BIOL200 - Introductory Evolution
- BIOL207LEC - Microbiology Lecture
- GEOG214 - Science of Climate Change
- GEOG260 - Geoscience Field Experience
- GEOL100 - Natural Disasters

Math - 3 credits

Enroll in the following Courses:

- MATH115A - Probability and Statistics

Ethics and Logic- 3 credits

Complete ANY of the following Courses:

- PHIL101 - Basic Concepts of Philosophy
- PHIL102 - Principles of Logic
- PHIL104 - Symbolic Logic
- PHIL202 - Introduction to Ethics
- PHIL203 - Philosophy of Religion
- PHIL204 - Biomedical Ethics
- PHIL205 - Business Ethics
- PHIL207 - Environmental Ethics

Social Relationships- 3 credits

Enroll in the following Courses:

- ECON101A - Principles of Macroeconomics

Western Culture- 3 credits

Complete ANY of the following Courses:

- ART198 - Art History I: Ancient Art - Renaissance
- ART199 - Art History II - Renaissance Art/Modern
- ART202 - Contemporary Art History
- ENG213 - Literature of Shakespeare
- ENG225 - Major American Writers-American
- ENG226 - Major American Writers-American
- ENG228 - British Literature II (1750-Today)
- ENG231 - Themes in Women's Literature
- HIST101 - Western Civilization to 1500
- HIST102 - Western Civilization -1500 to Present
- HUM195 - Introduction to Humanities
- PSCI100 - Introduction to Political Science
- TH201 - Introduction to Theater History

American Culture- 3 credits

Complete ANY of the following Courses:

- HIST201 - United States to 1877
- HIST202 - U.S. From Reconstruction-Present
- HIST207 - African American History
- HIST211 - Michigan History
- HIST212B - Gettysburg Battlefields
- HIST214 - Siege of Vicksburg-US Civil War
- HIST220 - Labor Studies
- PSCI111 - Introduction to American Government
- PSCI205 - Contemporary Political Issues in US

- PSCI220 - Labor Studies

International Culture- 3 credits

Complete ANY of the following Courses:

- ANTH103 - Cultural Diversity in Contemp. Society
- ANTH110 - Introduction to Cultural Anthropology
- ENG207 - Literature of Race & Ethnicity
- ENG211 - Literature of World Mythology
- ENG218A - Horror, Fantasy, and Science Fiction
- FR101 - Basic French
- FR102 - Basic French
- FR201 - Intermediate French
- FR202 - Intermediate French
- GEOG104 - Cultural Geography
- GEOG105 - World Regional Geography
- GER101 - Basic German
- GER102 - Basic German
- HIST150 - World History to 1500 CE
- HIST151 - World History From 1500 CE
- HIST216 - Introduction to World War II
- PHIL105 - World Religions
- PSCI202 - International Relations
- PSCI210A - Int'l Organizations United Nations
- PSCI210B - International Organizations/Arab League
- PSCI211 - Comparative World Governments
- SPAN101 - Basic Spanish
- SPAN102 - Basic Spanish - Second Semester
- SPAN201 - Intermediate Spanish
- SPAN202 - Intermediate Spanish

Aesthetic Values- 3 credits

Fulfill ANY of the following requirements:

Aesthetic Values

Complete ANY of the following Courses:

- ART100A - Art Appreciation
- ART104 - Drawing I
- ART105B - Two-Dimensional Form and Surface
- ART107 - Painting I
- ART108 - Ceramics I
- ART109 - Sculpture I
- ART117 - Three-Dimensional Form and Space
- ART204B - Drawing II (Transfer Portfolio Prep)
- ART207 - Painting II
- ART208 - Ceramics II
- ART209 - Sculpture II
- ART220 - Figure Drawing
- DNC100 - Modern Dance I
- DNC101 - Modern Jazz Dance I
- DNC102 - Ballet I
- DNC106 - Social Dance I
- DNC200 - Modern Dance II
- DNC201 - Modern Jazz Dance II
- DNC206 - Social Dance II
- DNC210A - Repertory Dance Tour Company
- DNC210B - Repertory Dance Tour Company
- DNC210C - Repertory Dance Tour Group
- DNC210D - Repertory Dance Tour Company
- ENG216 - Introduction to Film
- ENG222 - Creative Writing
- MU100 - Introduction to Music Theory
- MU101 - Music Theory
- MU102 - Music Theory

- MU103A - Music Appreciation
- MU192 - Music for the Classroom Teacher
- MU193A - Hip-Hop, Rock, and All the World's Music
- MU194 - Sight Reading and Ear Training
- MU195 - Sight Reading and Ear Training
- MU201 - Advanced Theory
- MU202 - Advanced Theory
- TH101 - Theater Appreciation
- TH102 - Introduction to Acting I
- TH108 - Theater for Children
- TH121 - Introduction to Technical Theater
- TH122 - Theater Set and Lighting Design
- TH141 - Applied Theater-Acting
- TH142 - Applied Theater-Dance
- TH144 - Applied Theater-Costuming
- TH145 - Applied Theater-Scenery Construction
- TH147 - Applied Theater-Production Crew
- TH148 - Applied Theater-Performance
- TH160 - Acting for TV and Film
- TH202 - Introduction to Acting II
- TH203 - Reader's Theater
- TH204 - Improvisation for Actors
- TH217 - Creative Dramatics
- TH260 - Student Production Practicum

OR

Music course

Music classes numbered 100 and above except MU-240

Physical Education- 2-3 credits

Fulfill ANY of the following requirements:

Option 1:

Fulfill ALL of the following requirements:

PEA 1 credit

Complete ANY of the following Courses:

- PEA101A - Fitness, Wellness and Nutrition
- PEA103 - Weight Training
- PEA104A - Walking, Jogging and Conditioning
- PEA118 - Cycling
- PEA201 - Aerobic Movement for Fitness

AND

PEA 1 credit

Any PEA/DNC course

OR

Option 2 (3 credits):

Enroll in the following Courses:

- PEA121 - Human Movement Science

Program Specific Courses- 15 credits

Complete ALL of the following Courses:

- ACC201 - Principles of Accounting I
- ACC202 - Principles of Accounting II

- ECON102A - Principles of Microeconomics
- BUS123 - Business Law I

Computer Competency

Fulfill ANY of the following requirements:

CIS Course

Pass any 3-credit-hour or greater CIS class with a "C" or better

OR

Competency Test

Pass MCC's CIS-110/120A Computer Competency Test

Electives- Minimum 12 credits

Electives comprised of additional classes and required class credits earned in the general education requirements. Please work with an MCC Pathway Counselor and refer to the transfer guide from 4 year institution to select courses to transfer.

Degree Maps

Degree Maps

Year 1

Fall Semester

[ENG101](#)

[ACC201](#)

[CIS110](#) or [CIS120A](#)

Western Culture

Physical Education

Winter Semester

[ENG102](#)

[MATH115A](#)

[ACC202](#)

[ECON102A](#)

Physical Education

Year 2

Fall Semester

[BUS123](#)

[ECON101A](#)

Science

American Culture

Elective (meet with a counselor)

Winter Semester

Aesthetic Values

Science with Lab

International Culture

Ethics & Logic

Elective (meet with a counselor)

CADCN.AAS - CAD/CNC-Associate in Applied Science

Overview

Department Title

Computer-Aided Drafting/Design

Program Description

This program is designed to provide basic training in Computer-Aided Design skills (CAD) combined with the application of Computer Numerical Control (CNC) programming and machining skills.

Degree

AAS - Associate in Applied Science

Requirements

Simple Requisites

Program Requirements

Program Requirements- 60 credits

Type

Completion Requirement

General Education Requirements- 15-18 credits

Fulfill ALL of the following requirements:

Choose 1:

Complete ALL of the following Courses:

- ENG101 - English Composition
- HE110 - Industrial Safety and Workplace Training

AND

Choose 2:

Complete exactly 2 course(s) and earn 6 - 8 credits from the following:

- BCOM102 - Adv Business & Technical Communications
- BUS127 - Human Relations
- COM201 - Public Speaking
- CSS100A - College Success Seminar
- ECON101A - Principles of Macroeconomics
- ENG102 - English Composition
- HIST102 - Western Civilization -1500 to Present
- HIST201 - United States to 1877
- HUM195 - Introduction to Humanities
- PSCI100 - Introduction to Political Science
- PSYC201 - General Psychology
- SOC101 - Principles of Sociology

AND

Take Two (2) TMAT Courses or Math-141

Complete 1 - 2 course(s) and earn 5 - 6 credits from the following:

- TMAT102A - Technical Math II
- TMAT201 - Technical Math III
- MATH141 - Precalculus

Computer-Aided Drafting & Design Requirements- 13 credits

Complete ALL of the following Courses:

- CAD110 - Introduction to Computer-Aided Drafting
- CAD211 - Introduction to Inventor
- CAD250 - Introduction to SolidWorks 3D
- CAD260 - CAD CAPSTONE

Machine Technology Requirements- 15 credits

Complete ALL of the following Courses:

- MT101B - Basic Machining
- MT102A - Intermediate Machining
- MT205A - NC/CNC Numerical Control/Computer
- MT206A - 2-D CAD/CAM Computer-Aided
- MT216 - 3-D CAD/CAM Computer-Aided Design/Mach

Required Electives- 14-17 credits

Complete ANY of the following Courses:

- AMT129A - Introduction to Technology
- CAD150 - Blueprint Reading
- CAD151 - Geometric Dimensioning & Tolerancing
- CAD252 - CAD252 Advanced SolidWorks
- CAD255 - Introduction to Siemens Nx
- CAD256 - Special Topics in SolidWorks
- CSS100A - College Success Seminar
- COM201 - Public Speaking
- ELTC101AL&L - Electricity-Basic
- ELTC104A - Basic Industrial Robotics
- ELTC150 - Industrial Electricity
- ENGR105 - Introduction to Engineering
- HP101 - Hydraulics/Pneumatics
- HP201 - Advanced Hydraulics
- MATH161 - Calculus I
- MATH162A - Calculus II
- MET101 - Industrial Materials
- MET102 - Basic Cast Metals
- MET201 - Metallurgy
- MT103A - Advanced Machining
- MT150 - Machinery Handbook
- MT218 - 5-Axis CNC & CMM
- QC101 - Basic Quality Control
- TECH290CI - Cooperative Internship
- TMAT101A - Technical Math I
- W101A - Basic Welding

Year 2

Fall Semester

Elective (3-4 credits) (see program requirements)

MT216

TMAT201 (if Math 141 not taken)

Required Electives (6-8 credits) (Meet with a counselor)

Winter Semester

CAD260

Elective (3-4 credits) (see program requirements)

Required Electives (6-8 credits) Meet with a counselor

Degree Maps

Degree Maps

Year 1

Fall Semester

CAD110

MT205A

ENG101

HE110

MT101B

Winter Semester

CAD250

MT102A

MATH141 or TMAT102A

MT206A

CAD211

CADCN_CERT - CAD/CNC-Certificate

Overview

Department Title

Computer-Aided Drafting/Design

Program Description

This program is designed to provide Computer Aided Design skills (CAD) combined with the application of Computer Numerical Control (CNC) programming and machining skills. Upon completing this program students will be prepared to work as a CNC programmer, CNC operator, CNC draftsman, CAD designer, or CAD programmer. This program is not designed for students wishing to transfer to a four-year college for a bachelor's degree. Students planning to transfer should consult with an MCC counselor. This is intended to go directly into the workforce.

Degree

CADCN - CAD/CNC

Winter Semester

[CAD150](#)

[CAD211](#)

[CAD250](#)

[MT206A](#)

Year 2

Fall Semester

[MT216](#)

[MT150](#)

Requirements

Simple Requisites

Program Requirements

Certificate Requirements - 31-33 credits

Type
Completion Requirement

Complete ALL

Complete ALL of the following Courses:

- CAD110 - Introduction to Computer-Aided Drafting
- CAD150 - Blueprint Reading
- CAD211 - Introduction to Inventor
- CAD250 - Introduction to SolidWorks 3D
- MT101B - Basic Machining
- MT205A - NC/CNC Numerical Control/Computer
- MT206A - 2-D CAD/CAM Computer-Aided
- MT216 - 3-D CAD/CAM Computer-Aided Design/Mach

Choose 1 Math

Complete ANY of the following Courses:

- TMAT102A - Technical Math II
- TMAT201 - Technical Math III
- MATH141 - Precalculus

Degree Maps

Degree Maps

Year 1

Fall Semester

[CAD110](#)

[MT205A](#)

[TMAT102A](#), [TMAT201](#), or [MATH141](#)

[MT101B](#)

CADD.AAS - Computer Aided Design Technology-Aas

Overview

Department Title

Computer-Aided Drafting/Design

Program Description

Are you a creative thinker with a passion for developing ideas from concept to production? Do you enjoy creating something tangible out of an abstract idea? If the answer is yes, explore a career in Computer-Aided Design, CAD. CAD professionals use 2D and 3D CAD software to create designs. In addition, your career could include assisting local businesses to build everything from automotive and aerospace components to machine parts and assemblies. Upon completing this program students will be prepared to work as CAD Designers, CAD Detailers, CAD Technicians or CAD Drafters. If a student plans to transfer to a four-year college, they can transfer to an engineering technology degree. These students should consult with an MCC Counselor to be sure they are taking classes to transfer.

Degree

AAS - Associate in Applied Science

Requirements

Simple Requisites

Program Requirements

Program Requirements- 60 credits

Type

Completion Requirement

General Education Requirements

Fulfill ALL of the following requirements:

General Education Requirements- 15-17 credits

Fulfill ALL of the following requirements:

Complete ALL

Complete ALL of the following Courses:

- ENG101 - English Composition
- HE110 - Industrial Safety and Workplace Training

AND

Choose 1:

Complete exactly 1 course(s) and earn exactly 3 credits from the following:

- BCOM102 - Adv Business & Technical Communications
- COM201 - Public Speaking
- ENG102 - English Composition

AND

Choose 1:

Complete exactly 1 course(s) and earn 3 - 4 credits from the following:

- BUS127 - Human Relations
- ECON101A - Principles of Macroeconomics

- HIST102 - Western Civilization -1500 to Present
- HIST201 - United States to 1877
- HUM195 - Introduction to Humanities
- PSYC201 - General Psychology
- SOC101 - Principles of Sociology

AND

Take Two (2) TMAT courses or MATH-141

Complete 1 - 2 course(s) and earn 5 - 6 credits from the following:

- TMAT102A - Technical Math II
- TMAT201 - Technical Math III
- MATH141 - Precalculus

Computer-Aided Design Technology Requirements- 27 credits

Complete ALL of the following Courses:

- CAD110 - Introduction to Computer-Aided Drafting
- CAD150 - Blueprint Reading
- CAD151 - Geometric Dimensioning & Tolerancing
- CAD211 - Introduction to Inventor
- CAD250 - Introduction to SolidWorks 3D
- CAD252 - CAD252 Advanced SolidWorks
- CAD256 - Special Topics in SolidWorks
- CAD260 - CAD CAPSTONE

Technical-Related Required Electives- 11-12 credits

Complete ANY of the following Courses:

- AMT129A - Introduction to Technology
- MET201 - Metallurgy
- MT101B - Basic Machining
- ENGR105 - Introduction to Engineering
- ELTC101AL&L - Electricity-Basic
- PHYS201CL&L - College Physics I Lecture and Lab

Required Electives- 4-7 credits

Complete ANY of the following Courses:

- BUS179 - Keyboarding
- CAD255 - Introduction to Siemens Nx
- COM101 - Oral Communications
- COM201 - Public Speaking
- CSS100A - College Success Seminar
- HP101 - Hydraulics/Pneumatics
- MATH141 - Precalculus
- MATH161 - Calculus I
- MATH162A - Calculus II
- MET101 - Industrial Materials
- MET102 - Basic Cast Metals
- MT102A - Intermediate Machining
- MT103A - Advanced Machining
- MT150 - Machinery Handbook
- MT205A - NC/CNC Numerical Control/Computer
- MT206A - 2-D CAD/CAM Computer-Aided
- MT216 - 3-D CAD/CAM Computer-Aided Design/Mach
- PHYS202CL&L - Principles of Physics Lecture & Lab
- QC101 - Basic Quality Control
- TECH201A - Introduction to Mechatronics (Inactive)
- TECH290CI - Cooperative Internship
- TMAT101A - Technical Math I
- W101A - Basic Welding

Degree Maps

Degree Maps

Year 1

Fall Semester

[CAD110](#)

[CAD150](#)

[ENG101](#)

[HE110](#)

Technical Related Elective(s)- (3-5 credits-see a counselor)

Winter Semester

[CAD151](#)

[CAD211](#)

[CAD250](#)

Math

Gen Ed Choose One (2 courses-see Program Requirements for options)

Year 2

Fall Semester

[CAD252](#)

Gen Ed Choose One (2 courses-see Program Requirements for options)

Math

Technical Related Elective(s)- (3-5 credits-see a counselor)

Winter Semester

[CAD256](#)

[CAD260](#)

Technical Related Electives- (3-5 credits-see a counselor)

Required Electives (4-7 credits-see a counselor)

CADD_CERT - Computer Aided Design Technology-Certificate

Overview

Department Title

Computer-Aided Drafting/Design

Program Description

Are you a creative thinker with a passion for developing ideas from concept to production? Do you enjoy creating something tangible out of an abstract idea? If the answer is yes, explore a career in Computer-Aided Design, CAD. CAD professionals use 2D and 3D CAD software to create designs. In addition, your career could include assisting local businesses to build everything from automotive and aerospace components to machine parts and assemblies. Upon completing this program students will be prepared to work as CAD Designers, CAD Detailers, CAD Technicians or CAD Drafters. If a student plans to transfer to a four-year college, they can transfer to an engineering technology degree. These students should consult with an MCC Counselor to be sure they are taking classes to transfer.

Degree

CADD - Computer Aided Drafting-Design

Requirements

Simple Requisites

Program Requirements

Certificate Requirements-23-25 credits

Type

Completion Requirement

Required Courses-15 credits

Complete ALL of the following Courses:

- CAD110 - Introduction to Computer-Aided Drafting
- CAD150 - Blueprint Reading
- CAD151 - Geometric Dimensioning & Tolerancing
- CAD211 - Introduction to Inventor
- CAD250 - Introduction to SolidWorks 3D

Choose 1 course 3-4 credits

Earn at least 3 credits from the following:

- CAD252 - CAD252 Advanced SolidWorks
- CAD255 - Introduction to Siemens Nx
- CAD256 - Special Topics in SolidWorks
- HP101 - Hydraulics/Pneumatics
- MET201 - Metallurgy
- MT101B - Basic Machining
- MT205A - NC/CNC Numerical Control/Computer
- W101A - Basic Welding

Complete 2 TMAT Courses or MATH-141 5-6 credits

Earn at least 5 credits from the following:

- TMAT102A - Technical Math II
- TMAT201 - Technical Math III
- MATH141 - Precalculus

Degree Maps

Degree Maps

Year 1

Fall Semester

[CAD110](#)

[CAD150](#)

[MATH141](#) or [TMAT102A](#)

Elective (See Program Requirements for options)

Winter Semester

[CAD151](#)

[CAD211](#)

[CAD250](#)

[TMAT201](#) if MATH141 was not taken

CISCO_CERT - CISCO_CERT - Networking CISCO Certificate

Overview

Department Title

Comp Info Systems/Business

Program Description

The Computer Networking CISCO Certificate program is a gateway to entry-level networking jobs and IT careers. CISCO Certified Network Associate (CCNA) Routing and Switching curriculum builds the skills necessary to succeed in jobs related to networking computers and devices. This program will prepare students to sit for CompTIA Network+, CISCO Certified Entry Network Technician(CCENT), and CISCO CCNA.

Degree

CISCO - Networking CISCO

Requirements

Simple Requisites

Program Requirements
Certificate Requirements-27 credits
Type Completion Requirement
Complete ALL of the following courses
Fulfill ALL of the following requirements:
Required Courses
Complete ALL of the following Courses:
<ul style="list-style-type: none">• CIS104A - Intro to Networks (CISCO 1)• CIS105A - Switching, Routing & Wireless (CISCO 2)• CIS109A - CompTia A+ Part A• CIS110 - Computer Concepts• CIS183 - Networking Technologies• CIS202A - IT SEC & Automation (CISCO3)• CIS204 - CCNA Cybersecurity (CISCO 4)
AND
CIS Elective
Any CIS Course - 3 credits

Degree Maps

Degree Maps

Year 1

Fall Semester

[CIS110](#)

[CIS109A](#)

[CIS104A](#)

[CIS105A](#)

Winter Semester

[CIS183](#)

[CIS202A](#)

[CIS204](#)

Elective (Meet with a counselor)

CISC_CERT - C/Java Computer Programming-Certificate

Overview

Department Title

Comp Info Systems/Business

Program Description

C/Java Computer Programming-Certificate

Degree

CISC - C/Java Computer Programming

Requirements

Simple Requisites

Program Requirements
Certificate Requirements- 22 credits
Type Completion Requirement
Complete ALL
Complete ALL of the following Courses:
<ul style="list-style-type: none"> • CIS120A - Intro to Computer Information Systems • CIS153A - Introduction to Data Base Management • CIS183 - Networking Technologies • CIS228 - JavaScript • CIS250 - Developing Information Systems • CIS253A - Database Design/Implementation • CIS257A - HTML Internet for Web Page Design • CIS280 - Java Programming

Degree Maps

Degree Maps

Year 1

Fall Semester

[CIS120A](#)

[CIS153A](#)

[CIS185](#)

Winter Semester

[CIS250](#)

[CIS257A](#)

[CIS253A](#)

Year 2

Fall Semester

[CIS228](#)

[CIS280](#)

CISDS_CERT - Data Science Certificate

Overview

Department Title

Comp Info Systems/Business

Program Description

The Data Science certificate focuses on developing a strong set of foundational tools and skills in the disciplines of data analytics and data science. The program will train students in end-to-end programming and how to ethically work with, establish, and maintain databases. Further, the program will develop competency in artificial intelligence, data analysis, data engineering, causal inference, and data visualization. Additionally, teamwork and communication skills will be emphasized, such as learning proper delivery and presentation of information to relevant stakeholders. This program will prepare graduates to leverage these tools to support the data science needs in a variety of industries.

Degree

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Requirements

Simple Requisites

(No Requirement Levels)
Program Requirements - 26 credits
Type Completion Requirement
Core Requirements These are the core courses required to complete the certificate.
Complete ALL of the following Courses:
<ul style="list-style-type: none"> • CIS110 - Computer Concepts • CIS186 - Python Programming • CIS108 - Intro to AI • CIS211 - Data Visualization • CIS216 - Introduction to Data Science • CIS231 - Applied Data Science • CIS253A - Database Design/Implementation
Math Requirement This is a pre-requisite to CIS-216 and CIS-231
Complete at least 1 of the following courses:
<ul style="list-style-type: none"> • MATH115A - Probability and Statistics • MATH215A - Statistics for Science & Engineering

Degree Maps

Degree Maps

Fall Semester

[CIS110](#)

[MATH115A](#) or [MATH215A](#)

[CIS186](#)

[CIS211](#)

Winter Semester

- [CIS108](#)
- [CIS253A](#)
- [CIS216](#)
- [CIS231](#)

CISNS.AAS - Networking and Cybersecurity Associate in Applied Science

Overview

Department Title

Comp Info Systems/Business

Program Description

The following program is for AAS Degree students interested in careers that require extensive knowledge of local, wide-area networks and Cybersecurity. Students receiving an AAS Degree in Networking and Cybersecurity can create, install, and maintain local area networks and are knowledgeable about the protocols and hardware used to transfer data across wide area networks. They learn to work within different network environments and use the latest networking technologies. This degree will prepare a student for multiple certifications, including CompTIA A+, Network+, Security+, Cisco CCNA (Cisco Certified Networking Associate), and Cisco CCNA Cybersecurity. This degree is not designed for students wishing to transfer to four-year institutions. Transfer-oriented students interested in working with computers should consult with a counselor.] Career Opportunities: Computer networks are critical parts of almost every organization. Network and computer systems administrators are responsible for the day-to-day operation of these networks. Network and computer systems administrators work with the physical computer networks of a variety of organizations and are therefore employed in many industries. Network and Computer System administrators also find work as Network Administrators or Network Support Specialists.

Formerly Networking and IT Security Associate in Applied Science 11.0901 The following program is for AAS Degree students interested in careers which require extensive knowledge of the local and wide area networks. Students receiving an AAS Degree in Networking and IT Security can create, install and maintain local area networks and are knowledgeable about the protocols and hardware used to transfer data across wide area networks. They learn to work within different network environments and use the latest networking technologies. This degree will prepare a student for multiple certifications including CompTIA A+, Network+ Security+, and CISCO CCNA (Cisco Certified Networking Associate), and CCNA CyberOps. This degree is not designed for students wishing to transfer to four-year institutions. Transfer-oriented students interested in working with computers should consult with a counselor.] Career Opportunities: Career Opportunities Computer networks are critical parts of almost every organization. Network and computer systems administrators are responsible for the day-to-day operation of these networks. Network and computer systems administrators work with the physical computer networks of a variety of organizations and therefore are employed in many industries. Network and Computer System administrators also find work as a Network Administrators or Network Support Specialists.

Degree

AAS - Associate in Applied Science

Requirements

Simple Requisites

Program Requirements

Program Requirements- 62-63 credits

Type

Completion Requirement

General Education Requirements- 15-16 credits

Fulfill ALL of the following requirements:

Complete ALL

Complete ALL of the following Courses:

- ENG101 - English Composition
- BCOM102 - Adv Business & Technical Communications
- CIS110 - Computer Concepts

AND

Math

Complete exactly 1 course(s) and earn 3 - 4 credits from the following:

- MATH109A - College Algebra
- MATH115A - Probability and Statistics
- BUS126 - Business Mathematics

AND

Human Relations

Complete exactly 1 course(s) and earn exactly 3 credits from the following:

- BUS127 - Human Relations
- COM201 - Public Speaking

Business Core Requirements- 3 credits

Complete exactly 1 course(s) and earn exactly 3 credits from the following:

- BUS121 - Introduction to Business
- BUS122 - Principles of Management

Career Program Requirements- 44 credits

Complete ALL of the following Courses:

- BUS290CI2 - Cooperative Internship
- CIS104A - Intro to Networks (CISCO 1)
- CIS105A - Switching, Routing & Wireless (CISCO 2)
- CIS109A - Comptia A+ Part A
- CIS142 - Windows Client Administration
- CIS143A - Windows Server Admin I
- CIS183 - Networking Technologies
- CIS186 - Python Programming
- CIS202A - IT SEC & Automation (CISCO3)
- CIS204 - CCNA Cybersecurity (CISCO 4)
- CIS209A - Comptia A+ Part B
- CIS275 - Linux Operating System
- CIS283B - Windows Server Admin II
- CIS293A - Network Security

Winter Semester

[CIS183](#)
[CIS202A](#)
[CIS204](#)
[CIS209A](#)
[BCOM102](#)

Year 2

Fall Semester

[CIS142](#)
[CIS143A](#)
[BUS126](#) or [MATH109A](#) or [MATH115A](#)
[BUS121](#) or [BUS122](#)
[BUS127](#) or [COM201](#)

Winter Semester

[CIS275](#)
[CIS283B](#)
[CIS293A](#)
[BUS290CI2](#)
[CIS186](#)

Degree Maps

Degree Maps

Year 1

Fall Semester

[CIS110](#)
[CIS104A](#)
[CIS105A](#)
[ENG101](#)
[CIS109A](#)

CISSD.AAS - Software Development AAS

Overview

Department Title

Comp Info Systems/Business

Program Description

Students receiving an AAS Degree in Software Development will become familiar with several programming languages and develop procedural, object-oriented, and web applications. This degree prepares students for entry-level positions as programmers and developers. Transfer-oriented students interested in working with computers should consult with a counselor.

Degree

AAS - Associate in Applied Science

Requirements

Simple Requisites

Program Requirements

Program Requirements- 60 credits

Type
Completion Requirement

General Education Requirements

Fulfill ALL of the following requirements:

General Education Requirements- 15-16 credits

Fulfill ALL of the following requirements:

Complete ALL

Complete ALL of the following Courses:

- ENG101 - English Composition
- BCOM102 - Adv Business & Technical Communications
- CIS120A - Intro to Computer Information Systems

————— AND —————

Choose 1 Math

Complete exactly 1 course(s) and earn 3 - 4 credits from the following:

- BUS126 - Business Mathematics
- MATH109A - College Algebra

————— AND —————

Choose 1 Communication

Complete exactly 1 course(s) and earn exactly 3 credits from the following:

- COM101 - Oral Communications
- COM201 - Public Speaking

Business Core Requirements- 7 credits

Complete ALL of the following Courses:

- BUS121 - Introduction to Business
- BUS167 - Professionalism in Your Career

- BUS220 - E-Business

Career Program Requirements- 38 credits

Complete ALL of the following Courses:

- CIS153A - Introduction to Data Base Management
- CIS185 - 'C' Programming
- CIS199 - Internet Content Management Systems Cms
- CIS228 - JavaScript
- CIS250 - Developing Information Systems
- CIS253A - Database Design/Implementation
- CIS257A - HTML Internet for Web Page Design
- CIS258 - Advanced HTML Web Development
- CIS267PHP - Server-Side Web Programming Using Php
- CIS280 - Java Programming
- CIS282 - Visual C# Programming
- GRD205 - UX Design and Implementation Foundation
- CIS275 - Linux Operating System
- CIS186 - Python Programming

Degree Maps

Degree Maps

Year 1

Fall Semester

- [CIS120A](#)
- [CIS153A](#)
- [ENG101](#)
- [COM101](#) or [COM201](#)
- [BUS121](#)
- [BUS126](#) or [MATH109A](#)

Winter Semester

- [BCOM102](#)
- [GRD205](#)
- [CIS185](#)
- [CIS253A](#)
- [CIS257A](#)

Year 2

Fall Semester

- [BUS220](#)
- [CIS228](#)
- [CIS258](#)
- [CIS280](#)
- [CIS186](#)

Winter Semester

- [BUS167](#)
- [CIS199](#)
- [CIS250](#)
- [CIS267PHP](#)
- [CIS282](#)
- [CIS275](#)

CISSU.AAS - Information Technology Support - AAS

Overview

Department Title

Comp Info Systems/Business

Program Description

Students receiving an AAS Degree in Information Technology Support are prepared to provide technical assistance to computer users concerning the use of computer hardware and software. This degree is not designed for students wishing to transfer to four-year institutions. Transfer-oriented students interested in working with computers should consult with a counselor.

Degree

AAS - Associate in Applied Science

Requirements

Simple Requisites

Program Requirements

Program Requirements- 60 credits

Type

Completion Requirement

General Education Requirements- 18-19 credits

Fulfill ALL of the following requirements:

Complete ALL

Complete ALL of the following Courses:

- ENG101 - English Composition
- BCOM102 - Adv Business & Technical Communications
- BUS127 - Human Relations
- CIS120A - Intro to Computer Information Systems

AND

Choose 1:

Complete exactly 1 course(s) and earn 3 - 4 credits from the following:

- BUS126 - Business Mathematics
- MATH109A - College Algebra
- MATH115A - Probability and Statistics

AND

Choose 1:

Complete exactly 1 course(s) and earn exactly 3 credits from the following:

- PHIL202 - Introduction to Ethics
- PHIL205 - Business Ethics

Business Core Requirements- 10 credits

Complete ALL of the following Courses:

- BUS121 - Introduction to Business
- BUS179 - Keyboarding
- BUS167 - Professionalism in Your Career

- BUS220 - E-Business
- BUS290CI - Cooperative Internship Program

Career Program Requirements- 31 credits

Fulfill ALL of the following requirements:

Complete ALL

Complete ALL of the following Courses:

- BUS166 - Quality Customer Service
- CIS101EW - Intro to Electronic Spreadsheets
- CIS102EW - Intermediate Electronic Spreadsheets
- CIS109A - Comptia A+ Part A
- CIS119PP - Introduction to Presentation Graphics
- CIS142 - Windows Client Administration
- CIS143A - Windows Server Admin I
- CIS153A - Introduction to Data Base Management
- CIS183 - Networking Technologies
- CIS199 - Internet Content Management Systems Cms
- CIS209A - Comptia A+ Part B
- CIS253A - Database Design/Implementation
- CIS257A - HTML Internet for Web Page Design
- GRD110 - Principles of Design

AND

Electives

Take 0-1 elective credit(s) to meet minimum 60 credits required for program completion.

Degree Maps

Degree Maps

Year 1

Fall Semester

[ENG101](#)

[CIS120A](#)

[BUS166](#)

[BUS179](#)

[BUS121](#)

Elective (meet with a counselor)

Winter Semester

[BCOM102](#)

[CIS257A](#)

[BUS126](#), or [MATH109A](#), or [MATH115A](#)

[CIS142](#)

[GRD110](#)

Year 2

Fall Semester

[BUS220](#)

[BUS127](#)

[CIS101EW](#)

[CIS119PP](#)

[CIS143A](#)

[CIS153A](#)

[CIS109A](#)

[BUS167](#)

Winter Semester

[CIS102EW](#)

[CIS209A](#)

[BUS290CI](#)

[CIS199](#)

[PHIL202](#) or [PHIL205](#)

[CIS183](#)

[CIS253A](#)

CJCO.AAS - Criminal Justice-Corrections-Associate in Applied Science

Overview

Department Title

Criminal Justice

Program Description

Criminal Justice-Corrections-Associate in Applied Science

Degree

AAS - Associate in Applied Science

Requirements

Simple Requisites

<p>Program Requirements</p> <p>Program Requirements- 62 credits</p> <p>Type Completion Requirement</p> <p>General Education Requirements- 20-22 credits</p> <p>Fulfill ALL of the following requirements:</p> <div style="border: 1px solid black; padding: 5px;"><p>Complete ALL</p><p>Complete ALL of the following Courses:</p><ul style="list-style-type: none">• ENG101 - English Composition• BCOM102 - Adv Business & Technical Communications</div> <p style="text-align: center;">————— AND —————</p> <div style="border: 1px solid black; padding: 5px;"><p>Choose 1:</p><p>Complete exactly 1 course(s) and earn 3 - 4 credits from the following:</p><ul style="list-style-type: none">• BUS126 - Business Mathematics• MATH109A - College Algebra• MATH115A - Probability and Statistics</div> <p style="text-align: center;">————— AND —————</p> <div style="border: 1px solid black; padding: 5px;"><p>Choose 1:</p><p>Complete exactly 1 course(s) and earn exactly 3 credits from the following:</p><ul style="list-style-type: none">• BUS127 - Human Relations• COM101 - Oral Communications</div> <p style="text-align: center;">————— AND —————</p> <div style="border: 1px solid black; padding: 5px;"><p>Choose 1:</p><p>Complete exactly 1 course(s) and earn 3 - 4 credits from the following:</p><ul style="list-style-type: none">• GEOG104 - Cultural Geography• PHIL205 - Business Ethics• PSCI111 - Introduction to American Government• PSCI211 - Comparative World Governments• PSYC102 - Applied Psychology• PSYC201 - General Psychology</div>

AND

Choose 1:

Complete exactly 1 course(s) and earn exactly 3 credits from the following:

- CIS110 - Computer Concepts
- CIS120A - Intro to Computer Information Systems

AND

Fulfill ALL of the following requirements:

PEA 1 credit

Complete ANY of the following Courses:

- PEA101A - Fitness, Wellness and Nutrition
- PEA103 - Weight Training
- PEA104A - Walking, Jogging and Conditioning
- PEA118 - Cycling
- PEA201 - Aerobic Movement for Fitness

AND

PEA 1 credit

Take One PEA/DNC credit of choice

Criminal Justice Requirements- 15 credits

Complete ALL of the following Courses:

- CJ101 - Introduction to Law Enforcement
- CJ102 - Police Administration I
- CJ104 - Criminology
- CJ109 - Crime Prevention & Juvenile Delinquency
- CJ201 - Criminal Law

Corrections Requirements- 15 credits

Complete ALL of the following Courses:

- CJ250 - Corrections I
- CJ251A - Legal Issues in Corrections
- CJ252A - Correctional Institutions/Facilities
- CJ257 - Client Relations in Corrections
- CJ258A - Client Growth and Development

Recommended Electives- 10-12 credits

Complete ANY of the following Courses:

- CJ202 - Police Administration II
- CJ204 - Criminal Investigation
- CJ206 - Evidence and Crime Procedure
- CJ207 - Police and Community Relations

Degree Maps

Degree Maps

Year 1

Fall Semester

CJ101

CJ250

ENG101

CIS110 or CIS120A

Recommended Elective (See Program Requirements for options)

Winter Semester

CJ102

CJ109

CJ251A

BCOM102

Math

Year 2

Fall Semester

CJ104

CJ252A

CJ201

Choose One (see Program Requirements for options)

PEA101A, PEA103, PEA104A, PEA118, or PEA201

Recommended Elective (See Program Requirements for options)

Winter Semester

CJ257

CJ258A

BUS127 or COM101

Recommended Electives (6 credits-See Program Requirements for options)

PEA/DNC choice

CJCO.ASA - Criminal Justice-Corrections-Associate in Science and Arts

Overview

Department Title

Criminal Justice

Program Description

The Michigan Transfer Agreement Associate in Science and Arts (ASA) degrees are effective as of fall 2014. A minimum of 62 credit hours with a minimum cumulative 2.0 GPA is required for the ASA Degree. Courses numbered below 100 do not count toward the ASA. MCC and the Michigan Transfer Agreement require a "C" or better in courses used to meet ASA and MTA requirements.

Degree

ASA - Associate in Science and Arts

Requirements

Simple Requisites

Program Requirements

Program Requirements- 62 credits

Type

Completion Requirement

Communication- 6 credits

Enroll in the following Courses:

- ENG101 - English Composition
- ENG102 - English Composition

Science- 6 credits

Fulfill ALL of the following requirements:

Lab classes:

Fulfill ANY of the following requirements:

Biology

Any MCC Biology course with a lab

OR

Chemistry

Any MCC Chemistry course with a lab

OR

Science lab

Complete ANY of the following Courses:

- ENV110L&L - Environmental Science
- GEOG101A - Physical Geography - Lecture and Lab
- GEOG215 - Introduction to Weather and Climate
- GEOL101A - Introduction to Physical Geology
- GEOL102 - Introduction to Earth History
- PHSC101A - Introductory Physical Science L& L
- PHYS201CL&L - College Physics I Lecture and Lab
- PHYS202CL&L - Principles of Physics Lecture & Lab

- PHYS203L&L - Engineering Physics Lecture & Lab
- PHYS204L&L - Engineering Physics Lecture & Lab

AND

Non-Lab:

Complete ANY of the following Courses:

- ANTH105D - Intro to Phys Anthropology/Archaeology
- ASTR101 - General Astronomy
- ASTR105A - Cosmology
- BIOL115 - Intro to Anatomy and Physiology
- BIOL200 - Introductory Evolution
- BIOL207LEC - Microbiology Lecture
- GEOL100 - Natural Disasters
- GEOG214 - Science of Climate Change
- GEOG260 - Geoscience Field Experience

Math- 3 credits

Complete ANY of the following Courses:

- MATH107A - Mathematics for Liberal Arts
- MATH109A - College Algebra
- MATH115A - Probability and Statistics
- MATH141 - Precalculus
- MATH161 - Calculus I
- MATH162A - Calculus II
- MATH215A - Statistics for Science & Engineering
- MATH276 - Linear Algebra With Applications
- MATH283 - Calculus III
- MATH295 - Differential Equations w/Linear Algebra

Ethics and Logic- 3 credits

Complete ANY of the following Courses:

- PHIL101 - Basic Concepts of Philosophy
- PHIL102 - Principles of Logic
- PHIL104 - Symbolic Logic
- PHIL202 - Introduction to Ethics
- PHIL203 - Philosophy of Religion
- PHIL205 - Business Ethics
- PHIL207 - Environmental Ethics

Social Relationships- 3 credits

Complete ANY of the following Courses:

- ECON101A - Principles of Macroeconomics
- ECON102A - Principles of Microeconomics
- PSYC102 - Applied Psychology
- PSYC201 - General Psychology
- PSYC203 - Abnormal Psychology
- PSYC207 - Life Span Development
- PSYC209 - Psychological Disorders of Childhood
- PSYC210 - Social Psychology
- SOC101 - Principles of Sociology
- SOC102A - Race, Ethnicity, & Immigration
- SOC202A - Modern Social Problems
- WGS101 - Intro to Women's & Gender Studies
- WGS201 - LGBTQ Studies

Western Culture- 3 credits

Complete ANY of the following Courses:

- ART198 - Art History I: Ancient Art - Renaissance

- ART199 - Art History II - Renaissance Art/Modern
- ART202 - Contemporary Art History
- ENG213 - Literature of Shakespeare
- ENG225 - Major American Writers-American
- ENG226 - Major American Writers-American
- ENG228 - British Literature II (1750-Today)
- ENG231 - Themes in Women's Literature
- HIST101 - Western Civilization to 1500
- HIST102 - Western Civilization -1500 to Present
- HUM195 - Introduction to Humanities
- PSCI100 - Introduction to Political Science
- TH201 - Introduction to Theater History

American Culture- 3 credits

Complete ANY of the following Courses:

- HIST201 - United States to 1877
- HIST202 - U.S. From Reconstruction-Present
- HIST207 - African American History
- HIST211 - Michigan History
- HIST212B - Gettysburg Battlefields
- HIST214 - Siege of Vicksburg-US Civil War
- HIST220 - Labor Studies
- PSCI111 - Introduction to American Government
- PSCI205 - Contemporary Political Issues in US
- PSCI220 - Labor Studies

International Culture- 3 credits

Complete ANY of the following Courses:

- ANTH103 - Cultural Diversity in Contemp. Society
- ANTH110 - Introduction to Cultural Anthropology
- ENG207 - Literature of Race & Ethnicity
- ENG211 - Literature of World Mythology
- ENG218A - Horror, Fantasy, and Science Fiction
- FR101 - Basic French
- FR102 - Basic French
- FR201 - Intermediate French
- FR202 - Intermediate French
- GEOG104 - Cultural Geography
- GEOG105 - World Regional Geography
- GER101 - Basic German
- GER102 - Basic German
- HIST150 - World History to 1500 CE
- HIST151 - World History From 1500 CE
- HIST216 - Introduction to World War II
- PHIL105 - World Religions
- PSCI202 - International Relations
- PSCI210A - Int'l Organizations United Nations
- PSCI210B - International Organizations/Arab League
- PSCI211 - Comparative World Governments
- SPAN101 - Basic Spanish
- SPAN102 - Basic Spanish - Second Semester
- SPAN201 - Intermediate Spanish
- SPAN202 - Intermediate Spanish

Aesthetic Values- 3 credits

Fulfill ANY of the following requirements:

Aesthetic Values

Complete ANY of the following Courses:

- ART100A - Art Appreciation
- ART104 - Drawing I
- ART105B - Two-Dimensional Form and Surface
- ART107 - Painting I

- ART108 - Ceramics I
- ART109 - Sculpture I
- ART117 - Three-Dimensional Form and Space
- ART204B - Drawing II (Transfer Portfolio Prep)
- ART207 - Painting II
- ART208 - Ceramics II
- ART209 - Sculpture II
- ART220 - Figure Drawing
- DNC100 - Modern Dance I
- DNC101 - Modern Jazz Dance I
- DNC102 - Ballet I
- DNC106 - Social Dance I
- DNC200 - Modern Dance II
- DNC201 - Modern Jazz Dance II
- DNC206 - Social Dance II
- DNC210A - Repertory Dance Tour Company
- DNC210B - Repertory Dance Tour Company
- ENG216 - Introduction to Film
- ENG222 - Creative Writing
- MU100 - Introduction to Music Theory
- MU101 - Music Theory
- MU102 - Music Theory
- MU103A - Music Appreciation
- MU192 - Music for the Classroom Teacher
- MU194 - Sight Reading and Ear Training
- MU195 - Sight Reading and Ear Training
- MU201 - Advanced Theory
- MU202 - Advanced Theory
- TH101 - Theater Appreciation
- TH102 - Introduction to Acting I
- TH108 - Theater for Children
- TH121 - Introduction to Technical Theater
- TH122 - Theater Set and Lighting Design
- TH141 - Applied Theater-Acting
- TH142 - Applied Theater-Dance
- TH144 - Applied Theater-Costuming
- TH145 - Applied Theater-Scenery Construction
- TH147 - Applied Theater-Production Crew
- TH148 - Applied Theater-Performance
- TH160 - Acting for TV and Film
- TH202 - Introduction to Acting II
- TH203 - Reader's Theater
- TH204 - Improvisation for Actors
- TH217 - Creative Dramatics
- TH260 - Student Production Practicum

OR

Music Course

Any 100 level or higher Music course except MU-240 and MU-193

Physical Education- 2 credits

Fulfill ALL of the following requirements:

One credit must be from:

Complete ANY of the following Courses:

- PEA101A - Fitness, Wellness and Nutrition
- PEA103 - Weight Training
- PEA104A - Walking, Jogging and Conditioning
- PEA118 - Cycling
- PEA201 - Aerobic Movement for Fitness

<p>_____ AND _____</p>
<p>One credit from: Any PEA/DNC course</p>
<p>Computer Competency</p> <p>Fulfill ANY of the following requirements:</p> <p>CIS course- 3 credits Any 3-credit hour or greater CIS class with a "C" or better</p>
<p>_____ OR _____</p>
<p>Competency Test</p> <p>MCC's CIS 110/120A Computer Competency Test.</p>
<p>Program Required courses- 15 credits</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • CJ101 - Introduction to Law Enforcement • CJ102 - Police Administration I • CJ104 - Criminology • CJ109 - Crime Prevention & Juvenile Delinquency • CJ201 - Criminal Law
<p>Electives- 12 credits</p> <p>Complete ANY of the following Courses:</p> <ul style="list-style-type: none"> • CJ250 - Corrections I • CJ251A - Legal Issues in Corrections • CJ252A - Correctional Institutions/Facilities • CJ257 - Client Relations in Corrections • CJ258A - Client Growth and Development

CJCO_CERT - Criminal Justice Corrections

Overview

Department Title

Criminal Justice

Program Description

The MCC Criminal Justice Corrections Certificate is designed to include the five classes that are required by the Michigan Correctional Training Council. The MI Correctional Training Council states that these classes must be taken in order to qualify for employment with the Michigan Department of Corrections. Each of these classes must be completed with a grade of "C" (2.0 GPA) in order to get the certificate and qualify for MDOC employment.

Degree

CJCO - Corrections

Requirements

Simple Requisites

<p>Program Requirements</p> <p>Certificate Requirements- 18 credits</p> <p>Type Completion Requirement</p> <p>Complete ALL</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • CJ101 - Introduction to Law Enforcement • CJ250 - Corrections I • CJ251A - Legal Issues in Corrections • CJ252A - Correctional Institutions/Facilities • CJ257 - Client Relations in Corrections • CJ258A - Client Growth and Development

Degree Maps

Degree Maps

Year 1

Fall Semester

[CJ101](#)

[CJ250](#)

[CJ252A](#)

Winter Semester

[CJ251A](#)

[CJ257](#)

[CJ258A](#)

CJLA.AAS - Criminal Justice-Law Enforcement- A.A.S

Overview

Department Title

Criminal Justice

Program Description

Criminal Justice-Law Enforcement- Associate in Applied Science

Degree

AAS - Associate in Applied Science

Requirements

Simple Requisites

Program Requirements

Program Requirements- 62 credits

Type

Completion Requirement

General Education Requirements- 20-22 credits

Fulfill ALL of the following requirements:

Complete ALL

Complete ALL of the following Courses:

- ENG101 - English Composition
- BCOM102 - Adv Business & Technical Communications

AND

Choose 1:

Complete exactly 1 course(s) and earn 3 - 4 credits from the following:

- BUS126 - Business Mathematics
- MATH109A - College Algebra
- MATH115A - Probability and Statistics

AND

Choose 1:

Complete exactly 1 course(s) and earn exactly 3 credits from the following:

- BUS127 - Human Relations
- COM101 - Oral Communications

AND

Choose 1:

Complete exactly 1 course(s) and earn 3 - 4 credits from the following:

- GEOG104 - Cultural Geography
- PHIL205 - Business Ethics
- PSCI111 - Introduction to American Government
- PSCI211 - Comparative World Governments
- PSYC102 - Applied Psychology
- PSYC201 - General Psychology

AND

Choose 1:

Complete exactly 1 course(s) and earn exactly 3 credits from the following:

- CIS110 - Computer Concepts
- CIS120A - Intro to Computer Information Systems

AND

PEA 2 credits

Fulfill ALL of the following requirements:

PEA 1 credit

Complete ANY of the following Courses:

- PEA101A - Fitness, Wellness and Nutrition
- PEA103 - Weight Training
- PEA104A - Walking, Jogging and Conditioning
- PEA118 - Cycling
- PEA201 - Aerobic Movement for Fitness

AND

PEA 1 credit

Take One PEA/DNC credit of choice

Criminal Justice Requirements- 15 credits

Complete ALL of the following Courses:

- CJ101 - Introduction to Law Enforcement
- CJ102 - Police Administration I
- CJ104 - Criminology
- CJ109 - Crime Prevention & Juvenile Delinquency
- CJ201 - Criminal Law

Law Enforcement Requirements- 15 credits

Complete ALL of the following Courses:

- CJ202 - Police Administration II
- CJ204 - Criminal Investigation
- CJ206 - Evidence and Crime Procedure
- CJ207 - Police and Community Relations

Recommended Elecives- 12 credits

Complete ANY of the following Courses:

- CJ250 - Corrections I
- CJ251A - Legal Issues in Corrections
- CJ252A - Correctional Institutions/Facilities
- CJ257 - Client Relations in Corrections
- CJ258A - Client Growth and Development

Degree Maps

Degree Maps

Year 1

Fall Semester

[CJ101](#)

[CJ104](#)

[ENG101](#)

[CIS110](#) or [CIS120A](#)

Recommended Elective (See Program Requirements for options)

Winter Semester

[CJ102](#)

[CJ204](#)

[CJ109](#)

[BCOM102](#)

[BUS126](#), or [MATH109A](#), or [MATH115A](#)

Year 2

Fall Semester

[CJ205](#)

[CJ202](#)

[CJ201](#)

Choose One (See Program Requirements for options)

[PEA101A](#), or [PEA103](#), or [PEA104A](#), or [PEA118](#), or [PEA201](#)

Recommended Elective (See Program Requirements for options)

Winter Semester

[BUS127](#) or [COM101](#)

[CJ206](#)

[CJ207](#)

Recommended Electives (6 credits- See Program Requirements for options)

PEA/DNC of choice

CJLA.ASA - Criminal Justice-Law Enforcement-A.S.A

Overview

Department Title

Criminal Justice

Program Description

Criminal Justice-Law Enforcement- Associate in Science and Arts The Michigan Transfer Agreement Associate in Science and Arts (ASA) degrees are effective as of fall 2014. A minimum of 62 credit hours with a minimum cumulative 2.0 GPA is required for the ASA Degree. Courses numbered below 100 do not count toward the ASA. MCC and the Michigan Transfer Agreement require a "C" or better in courses used to meet ASA and MTA requirements

Degree

ASA - Associate in Science and Arts

Requirements

Simple Requisites

Program Requirements
<p>Program Requirements- 62 credits</p> <p>Type Completion Requirement</p> <p>Communication- 6 credits</p> <p>Enroll in the following Courses:</p> <ul style="list-style-type: none"> ENG101 - English Composition ENG102 - English Composition
<p>Science- 6 credits</p> <p>Fulfill ALL of the following requirements:</p> <p>Lab Classes:</p> <p>Fulfill ANY of the following requirements:</p> <p>Biology</p> <p>Any MCC Biology course with a lab</p> <p style="text-align: center;">————— OR —————</p> <p>Chemistry</p> <p>Any MCC Chemistry course with a lab</p> <p style="text-align: center;">————— OR —————</p>
<p>Lab course</p> <p>Complete ANY of the following Courses:</p> <ul style="list-style-type: none"> ENV110L&L - Environmental Science GEOG101A - Physical Geography - Lecture and Lab GEOG215 - Introduction to Weather and Climate GEOL101A - Introduction to Physical Geology GEOL102 - Introduction to Earth History PHSC101A - Introductory Physical Science L&L PHYS201CL&L - College Physics I Lecture and Lab PHYS202CL&L - Principles of Physics Lecture & Lab

- PHYS203L&L - Engineering Physics Lecture & Lab
- PHYS204L&L - Engineering Physics Lecture & Lab

AND

Non-Lab:

Complete ANY of the following Courses:

- ANTH105D - Intro to Phys Anthropology/Archaeology
- ASTR101 - General Astronomy
- ASTR105A - Cosmology
- BIOL115 - Intro to Anatomy and Physiology
- BIOL200 - Introductory Evolution
- BIOL207LEC - Microbiology Lecture
- GEOL100 - Natural Disasters
- GEOG214 - Science of Climate Change
- GEOG260 - Geoscience Field Experience

Math- 3 credits

Complete ANY of the following Courses:

- MATH107A - Mathematics for Liberal Arts
- MATH109A - College Algebra
- MATH115A - Probability and Statistics
- MATH141 - Precalculus
- MATH162A - Calculus II
- MATH215A - Statistics for Science & Engineering
- MATH276 - Linear Algebra With Applications
- MATH283 - Calculus III
- MATH295 - Differential Equations w/Linear Algebra

Ethics and Logic- 3 credits

Complete ANY of the following Courses:

- PHIL101 - Basic Concepts of Philosophy
- PHIL102 - Principles of Logic
- PHIL104 - Symbolic Logic
- PHIL202 - Introduction to Ethics
- PHIL203 - Philosophy of Religion
- PHIL205 - Business Ethics
- PHIL204 - Biomedical Ethics
- PHIL207 - Environmental Ethics

Social Relationships- 3 credits

Complete ANY of the following Courses:

- ECON101A - Principles of Macroeconomics
- ECON102A - Principles of Microeconomics
- PSYC102 - Applied Psychology
- PSYC201 - General Psychology
- PSYC203 - Abnormal Psychology
- PSYC207 - Life Span Development
- PSYC209 - Psychological Disorders of Childhood
- PSYC210 - Social Psychology
- SOC101 - Principles of Sociology
- SOC102A - Race, Ethnicity, & Immigration
- SOC202A - Modern Social Problems
- SOC203 - Introduction to Social Work
- SOC206 - Introduction to Aging
- WGS101 - Intro to Women's & Gender Studies
- WGS201 - LGBTQ Studies

Western Culture- 3 credits

Complete ANY of the following Courses:

- ART198 - Art History I: Ancient Art - Renaissance
- ART199 - Art History II - Renaissance Art/Modern
- ART202 - Contemporary Art History
- ENG213 - Literature of Shakespeare
- ENG225 - Major American Writers-American
- ENG226 - Major American Writers-American
- ENG228 - British Literature II (1750-Today)
- ENG231 - Themes in Women's Literature
- HIST101 - Western Civilization to 1500
- HIST102 - Western Civilization -1500 to Present
- HUM195 - Introduction to Humanities
- PSCI100 - Introduction to Political Science
- TH201 - Introduction to Theater History

American Culture- 3 credits

Complete ANY of the following Courses:

- HIST201 - United States to 1877
- HIST202 - U.S. From Reconstruction-Present
- HIST207 - African American History
- HIST211 - Michigan History
- HIST212B - Gettysburg Battlefields
- HIST214 - Siege of Vicksburg-US Civil War
- HIST220 - Labor Studies
- PSCI111 - Introduction to American Government
- PSCI205 - Contemporary Political Issues in US
- PSCI220 - Labor Studies

International Culture- 3 credits

Complete ANY of the following Courses:

- ANTH103 - Cultural Diversity in Contemp. Society
- ANTH110 - Introduction to Cultural Anthropology
- ENG207 - Literature of Race & Ethnicity
- ENG211 - Literature of World Mythology
- ENG218A - Horror, Fantasy, and Science Fiction
- FR101 - Basic French
- FR102 - Basic French
- FR201 - Intermediate French
- FR202 - Intermediate French
- GEOG104 - Cultural Geography
- GEOG105 - World Regional Geography
- GER101 - Basic German
- GER102 - Basic German
- HIST150 - World History to 1500 CE
- HIST151 - World History From 1500 CE
- HIST216 - Introduction to World War II
- PHIL105 - World Religions
- PSCI202 - International Relations
- PSCI210A - Int'l Organizations United Nations
- PSCI210B - International Organizations/Arab League
- PSCI211 - Comparative World Governments
- SPAN101 - Basic Spanish
- SPAN102 - Basic Spanish - Second Semester
- SPAN201 - Intermediate Spanish
- SPAN202 - Intermediate Spanish

Aesthetic Values- 3 credits

Fulfill ANY of the following requirements:

Aesthetic Values

Complete ANY of the following Courses:

- ART100A - Art Appreciation
- ART104 - Drawing I
- ART105B - Two-Dimensional Form and Surface

- ART107 - Painting I
- ART108 - Ceramics I
- ART109 - Sculpture I
- ART117 - Three-Dimensional Form and Space
- ART204B - Drawing II (Transfer Portfolio Prep)
- ART207 - Painting II
- ART208 - Ceramics II
- ART209 - Sculpture II
- ART220 - Figure Drawing
- DNC100 - Modern Dance I
- DNC101 - Modern Jazz Dance I
- DNC102 - Ballet I
- DNC106 - Social Dance I
- DNC200 - Modern Dance II
- DNC201 - Modern Jazz Dance II
- DNC206 - Social Dance II
- DNC210A - Repertory Dance Tour Company
- DNC210B - Repertory Dance Tour Company
- ENG216 - Introduction to Film
- ENG222 - Creative Writing
- MU100 - Introduction to Music Theory
- MU101 - Music Theory
- MU102 - Music Theory
- MU103A - Music Appreciation
- MU192 - Music for the Classroom Teacher
- MU194 - Sight Reading and Ear Training
- MU195 - Sight Reading and Ear Training
- MU201 - Advanced Theory
- MU202 - Advanced Theory
- TH101 - Theater Appreciation
- TH102 - Introduction to Acting I
- TH108 - Theater for Children
- TH121 - Introduction to Technical Theater
- TH122 - Theater Set and Lighting Design
- TH141 - Applied Theater-Acting
- TH142 - Applied Theater-Dance
- TH144 - Applied Theater-Costuming
- TH145 - Applied Theater-Scenery Construction
- TH147 - Applied Theater-Production Crew
- TH148 - Applied Theater-Performance
- TH160 - Acting for TV and Film
- TH202 - Introduction to Acting II
- TH203 - Reader's Theater
- TH204 - Improvisation for Actors
- TH217 - Creative Dramatics
- TH260 - Student Production Practicum

OR

Music Class

Any Music class number 100 and above except MU-240 and MU-193

Physical Education- 2 credits

Fulfill ANY of the following requirements:

2 courses

Fulfill ALL of the following requirements:

One credit from:

Complete ANY of the following Courses:

- PEA101A - Fitness, Wellness and Nutrition
- PEA103 - Weight Training

- PEA104A - Walking, Jogging and Conditioning
- PEA118 - Cycling
- PEA201 - Aerobic Movement for Fitness

AND

One credit from:

Any PEA/DNC course

OR

2 credits

Enroll in the following Courses:

- HE100A - Community First Aid and Safety

Computer Competency

Fulfill ANY of the following requirements:

CIS course

Any 3-credit hour or greater CIS class with a "C" or better

OR

Competency Test

MCC's CIS 100/120A Computer Competency Test

Program Required Courses- 15 credits

Complete ALL of the following Courses:

- CJ101 - Introduction to Law Enforcement
- CJ102 - Police Administration I
- CJ104 - Criminology
- CJ109 - Crime Prevention & Juvenile Delinquency
- CJ201 - Criminal Law

Required Electives

Complete ALL of the following Courses:

- CJ202 - Police Administration II
- CJ204 - Criminal Investigation
- CJ206 - Evidence and Crime Procedure
- CJ207 - Police and Community Relations

CJPW.ASA - Criminal Justice Pathway Associate in Science and Arts

Overview

Department Title

Criminal Justice

Program Description

The MiTransfer Pathway Associate in Science and Arts (ASA) degree includes the Michigan Transfer Agreement (MTA) and is designed for students who plan to transfer to a four-year college or university and major in a particular discipline.

Degree

ASA - Associate in Science and Arts

Requirements

Simple Requisites

Program Requirements

Program Requirements- 62 credits

Type

Completion Requirement

Communication- 6 credits

Enroll in the following Courses:

- ENG101 - English Composition
- ENG102 - English Composition

Science- 6 credits from 2 or more disciplines/subjects. 1 Lab course.

Fulfill ALL of the following requirements:

Lab Courses:

Fulfill ANY of the following requirements:

Biology

Any MCC Biology course with a lab

OR

Chemistry

Any MCC Chemistry course with a lab

OR

Lab courses

Complete ANY of the following Courses:

- ENV110L&L - Environmental Science
- GEOG101A - Physical Geography - Lecture and Lab
- GEOG215 - Introduction to Weather and Climate
- GEOL101A - Introduction to Physical Geology
- PHSC101A - Introductory Physical Science L& L
- PHYS201CL&L - College Physics I Lecture and Lab
- PHYS202CL&L - Principles of Physics Lecture & Lab
- PHYS203L&L - Engineering Physics Lecture & Lab
- PHYS204L&L - Engineering Physics Lecture & Lab

AND

Non-Lab:

Complete ANY of the following Courses:

- ANTH105D - Intro to Phys Anthropology/Archaeology
- ASTR101 - General Astronomy
- ASTR105A - Cosmology
- BIOL115 - Intro to Anatomy and Physiology
- BIOL200 - Introductory Evolution
- BIOL207LEC - Microbiology Lecture
- GEOG214 - Science of Climate Change
- GEOG260 - Geoscience Field Experience
- GEOL100 - Natural Disasters

Math - 3 credits

Complete ANY of the following Courses:

- MATH107A - Mathematics for Liberal Arts
- MATH109A - College Algebra
- MATH115A - Probability and Statistics
- MATH141 - Precalculus
- MATH161 - Calculus I
- MATH162A - Calculus II
- MATH215A - Statistics for Science & Engineering
- MATH276 - Linear Algebra With Applications
- MATH283 - Calculus III
- MATH295 - Differential Equations w/Linear Algebra

Ethics and Logic- 3 credits

Complete ANY of the following Courses:

- PHIL101 - Basic Concepts of Philosophy
- PHIL102 - Principles of Logic
- PHIL104 - Symbolic Logic
- PHIL202 - Introduction to Ethics
- PHIL203 - Philosophy of Religion
- PHIL204 - Biomedical Ethics
- PHIL205 - Business Ethics
- PHIL207 - Environmental Ethics

Social Relationships- 3 credits

Enroll in the following Courses:

- PSYC201 - General Psychology

Western Culture- 3 credits

Complete ANY of the following Courses:

- ART198 - Art History I: Ancient Art - Renaissance
- ART199 - Art History II - Renaissance Art/Modern
- ART202 - Contemporary Art History
- ENG213 - Literature of Shakespeare
- ENG225 - Major American Writers-American
- ENG226 - Major American Writers-American
- ENG228 - British Literature II (1750-Today)
- ENG231 - Themes in Women's Literature
- HIST101 - Western Civilization to 1500
- HIST102 - Western Civilization -1500 to Present
- HUM195 - Introduction to Humanities
- PSC1100 - Introduction to Political Science
- TH201 - Introduction to Theater History

American Culture- 3 credits

Complete ANY of the following Courses:

- HIST201 - United States to 1877
- HIST202 - U.S. From Reconstruction-Present
- HIST207 - African American History
- HIST211 - Michigan History
- HIST212B - Gettysburg Battlefields
- HIST214 - Siege of Vicksburg-US Civil War
- HIST220 - Labor Studies
- PSCI111 - Introduction to American Government
- PSCI205 - Contemporary Political Issues in US
- PSCI220 - Labor Studies

International Culture- 3 credits

Complete ANY of the following Courses:

- ANTH103 - Cultural Diversity in Contemp. Society
- ANTH110 - Introduction to Cultural Anthropology
- ENG207 - Literature of Race & Ethnicity
- ENG211 - Literature of World Mythology
- ENG218A - Horror, Fantasy, and Science Fiction
- FR101 - Basic French
- FR102 - Basic French
- FR201 - Intermediate French
- FR202 - Intermediate French
- GEOG104 - Cultural Geography
- GEOG105 - World Regional Geography
- GER101 - Basic German
- GER102 - Basic German
- HIST150 - World History to 1500 CE
- HIST151 - World History From 1500 CE
- HIST216 - Introduction to World War II
- PHIL105 - World Religions
- PSCI202 - International Relations
- PSCI210A - Int'l Organizations United Nations
- PSCI210B - International Organizations/Arab League
- PSCI211 - Comparative World Governments
- SPAN101 - Basic Spanish
- SPAN102 - Basic Spanish - Second Semester
- SPAN201 - Intermediate Spanish
- SPAN202 - Intermediate Spanish

Aesthetic Values- 3 credits

Fulfill ANY of the following requirements:

Aesthetic Values

Complete ANY of the following Courses:

- ART100A - Art Appreciation
- ART104 - Drawing I
- ART105B - Two-Dimensional Form and Surface
- ART107 - Painting I
- ART108 - Ceramics I
- ART109 - Sculpture I
- ART117 - Three-Dimensional Form and Space
- ART204B - Drawing II (Transfer Portfolio Prep)
- ART207 - Painting II
- ART208 - Ceramics II
- ART209 - Sculpture II
- ART220 - Figure Drawing
- DNC100 - Modern Dance I
- DNC101 - Modern Jazz Dance I
- DNC102 - Ballet I
- DNC106 - Social Dance I
- DNC200 - Modern Dance II
- DNC201 - Modern Jazz Dance II
- DNC206 - Social Dance II

- DNC210A - Repertory Dance Tour Company
- DNC210B - Repertory Dance Tour Company
- DNC210C - Repertory Dance Tour Group
- DNC210D - Repertory Dance Tour Company
- ENG216 - Introduction to Film
- ENG222 - Creative Writing
- MU100 - Introduction to Music Theory
- MU101 - Music Theory
- MU102 - Music Theory
- MU103A - Music Appreciation
- MU192 - Music for the Classroom Teacher
- MU193A - Hip-Hop, Rock, and All the World's Music
- MU194 - Sight Reading and Ear Training
- MU195 - Sight Reading and Ear Training
- MU201 - Advanced Theory
- MU202 - Advanced Theory
- TH101 - Theater Appreciation
- TH102 - Introduction to Acting I
- TH108 - Theater for Children
- TH121 - Introduction to Technical Theater
- TH122 - Theater Set and Lighting Design
- TH141 - Applied Theater-Acting
- TH142 - Applied Theater-Dance
- TH144 - Applied Theater-Costuming
- TH145 - Applied Theater-Scenery Construction
- TH147 - Applied Theater-Production Crew
- TH148 - Applied Theater-Performance
- TH160 - Acting for TV and Film
- TH202 - Introduction to Acting II
- TH203 - Reader's Theater
- TH204 - Improvisation for Actors
- TH217 - Creative Dramatics
- TH260 - Student Production Practicum

Physical Education- 2-3 credits

Fulfill ANY of the following requirements:

Option 1:

Fulfill ALL of the following requirements:

PEA 1 credit

Complete ANY of the following Courses:

- PEA101A - Fitness, Wellness and Nutrition
- PEA103 - Weight Training
- PEA104A - Walking, Jogging and Conditioning
- PEA118 - Cycling
- PEA201 - Aerobic Movement for Fitness

AND

PEA 1 credit

Any PEA/DNC course

OR

Option 2 (3 credits):

Enroll in the following Courses:

- PEA121 - Human Movement Science

Program Specific Courses- 9 credits

Complete ALL of the following Courses:

- CJ101 - Introduction to Law Enforcement
- CJ250 - Corrections I
- SOC101 - Principles of Sociology

Computer Competency

Fulfill ANY of the following requirements:

CIS Course

Pass any 3-credit-hour or greater CIS class with a "C" or better

OR

Competency Test

Pass MCC's CIS-110/120A Computer Competency Test

Electives- Minimum 18 credits

Electives comprised of additional classes and required class credits earned in the general education requirements. Please work with an MCC Pathway Counselor and refer to the transfer guide from 4 year institution to select courses to transfer.

Degree Maps

Degree Maps

Year 1

Fall Semester

ENG101

CJ101

CIS110 or CIS120A

Math

Elective (meet with a counselor)

Winter Semester

ENG102

PSYC201

Elective (meet with a counselor)

Western Culture

Physical Education (2 credits)

Year 2

Fall Semester

SOC101

CJ250

American Culture

International Culture

Science Lab

Winter Semester

Aesthetic Values

Science

Ethics & Logic

Elective (meet with a counselor)

COMPW.ASA - Communications Pathway Associate in Science and Arts

Overview

Department Title

Communications

Program Description

The MiTransfer Pathway Associate in Science and Arts (ASA) degree includes the Michigan Transfer Agreement (MTA) and is designed for students who plan to transfer to a four-year college or university and major in a particular discipline. A minimum of 62 credit hours with a minimum cumulative 2.0 GPA, is required for the ASA Degree. MCC and the Michigan Transfer Agreement require a "C" or better in individual courses used to meet ASA and MTA requirements. These courses are shown in bold type below. Courses numbered below 100 do not count toward the ASA. Any course can be used only ONCE in any category.

Degree

ASA - Associate in Science and Arts

Requirements

Simple Requisites

Program Requirements

Program Requirements- 62 credits

Type

Completion Requirement

Communication- 6 credits

Enroll in the following Courses:

- ENG101 - English Composition
- ENG102 - English Composition

Science- 6 credits from 2 or more disciplines/subjects. 1 Lab course.

Fulfill ALL of the following requirements:

Lab Course:

Fulfill ANY of the following requirements:

Biology

Any MCC Biology course with a lab

OR

Chemistry

Any MCC Chemistry course with a lab

OR

Lab Courses

Complete ANY of the following Courses:

- ENV110L&L - Environmental Science
- GEOG101A - Physical Geography - Lecture and Lab
- GEOG215 - Introduction to Weather and Climate
- GEOL101A - Introduction to Physical Geology
- GEOL102 - Introduction to Earth History
- PHSC101A - Introductory Physical Science L&L

- PHYS201CL&L - College Physics I Lecture and Lab
- PHYS202CL&L - Principles of Physics Lecture & Lab
- PHYS203L&L - Engineering Physics Lecture & Lab
- PHYS204L&L - Engineering Physics Lecture & Lab

AND

Non-Lab:

Complete ANY of the following Courses:

- ANTH105D - Intro to Phys Anthropology/Archaeology
- ASTR101 - General Astronomy
- ASTR105A - Cosmology
- BIOL115 - Intro to Anatomy and Physiology
- BIOL200 - Introductory Evolution
- BIOL207LEC - Microbiology Lecture
- GEOG214 - Science of Climate Change
- GEOG260 - Geoscience Field Experience
- GEOL100 - Natural Disasters

Math- 3 credits

Complete ANY of the following Courses:

- MATH107A - Mathematics for Liberal Arts
- MATH109A - College Algebra
- MATH115A - Probability and Statistics
- MATH141 - Precalculus
- MATH161 - Calculus I
- MATH162A - Calculus II
- MATH215A - Statistics for Science & Engineering
- MATH276 - Linear Algebra With Applications
- MATH283 - Calculus III
- MATH295 - Differential Equations w/Linear Algebra

Ethics and Logic- 3 credits

Complete ANY of the following Courses:

- PHIL101 - Basic Concepts of Philosophy
- PHIL102 - Principles of Logic
- PHIL104 - Symbolic Logic
- PHIL202 - Introduction to Ethics
- PHIL203 - Philosophy of Religion
- PHIL204 - Biomedical Ethics
- PHIL205 - Business Ethics
- PHIL207 - Environmental Ethics

Social Relationships- 3 credits

Complete ANY of the following Courses:

- ECON101A - Principles of Macroeconomics
- ECON102A - Principles of Microeconomics
- PSYC102 - Applied Psychology
- PSYC201 - General Psychology
- PSYC203 - Abnormal Psychology
- PSYC207 - Life Span Development
- PSYC209 - Psychological Disorders of Childhood
- PSYC210 - Social Psychology
- SOC101 - Principles of Sociology
- SOC102A - Race, Ethnicity, & Immigration
- SOC202A - Modern Social Problems
- SOC203 - Introduction to Social Work
- SOC205 - Marriage and Family
- SOC206 - Introduction to Aging
- WGS101 - Intro to Women's & Gender Studies

- WGS201 - LGBTQ Studies

American Culture- 3 credits

Complete ANY of the following Courses:

- HIST201 - United States to 1877
- HIST202 - U.S. From Reconstruction-Present
- HIST207 - African American History
- HIST211 - Michigan History
- HIST212B - Gettysburg Battlefields
- HIST214 - Siege of Vicksburg-US Civil War
- HIST220 - Labor Studies
- PSCI111 - Introduction to American Government
- PSCI205 - Contemporary Political Issues in US
- PSCI220 - Labor Studies

Western Culture- 3 credits

Complete ANY of the following Courses:

- ART198 - Art History I: Ancient Art - Renaissance
- ART199 - Art History II - Renaissance Art/Modern
- ART202 - Contemporary Art History
- ENG213 - Literature of Shakespeare
- ENG225 - Major American Writers-American
- ENG226 - Major American Writers-American
- ENG228 - British Literature II (1750-Today)
- ENG231 - Themes in Women's Literature
- HIST101 - Western Civilization to 1500
- HIST102 - Western Civilization -1500 to Present
- HUM195 - Introduction to Humanities
- PSCI100 - Introduction to Political Science
- TH201 - Introduction to Theater History

International Culture- 3 credits

Complete ANY of the following Courses:

- ANTH103 - Cultural Diversity in Contemp. Society
- ANTH110 - Introduction to Cultural Anthropology
- ENG207 - Literature of Race & Ethnicity
- ENG211 - Literature of World Mythology
- ENG218A - Horror, Fantasy, and Science Fiction
- FR101 - Basic French
- FR102 - Basic French
- FR201 - Intermediate French
- FR202 - Intermediate French
- GEOG104 - Cultural Geography
- GEOG105 - World Regional Geography
- GER101 - Basic German
- GER102 - Basic German
- HIST150 - World History to 1500 CE
- HIST151 - World History From 1500 CE
- HIST216 - Introduction to World War II
- PHIL105 - World Religions
- PSCI202 - International Relations
- PSCI210A - Int'l Organizations United Nations
- PSCI210B - International Organizations/Arab League
- PSCI211 - Comparative World Governments
- SPAN101 - Basic Spanish
- SPAN102 - Basic Spanish - Second Semester
- SPAN201 - Intermediate Spanish
- SPAN202 - Intermediate Spanish

Aesthetic Values- 3 credits

Fulfill ANY of the following requirements:

Aesthetic Values

Complete ANY of the following Courses:

- ART100A - Art Appreciation
- ART104 - Drawing I
- ART105B - Two-Dimensional Form and Surface
- ART107 - Painting I
- ART108 - Ceramics I
- ART109 - Sculpture I
- ART117 - Three-Dimensional Form and Space
- ART204B - Drawing II (Transfer Portfolio Prep)
- ART207 - Painting II
- ART208 - Ceramics II
- ART209 - Sculpture II
- ART220 - Figure Drawing
- DNC100 - Modern Dance I
- DNC101 - Modern Jazz Dance I
- DNC102 - Ballet I
- DNC106 - Social Dance I
- DNC200 - Modern Dance II
- DNC201 - Modern Jazz Dance II
- DNC206 - Social Dance II
- DNC210A - Repertory Dance Tour Company
- DNC210B - Repertory Dance Tour Company
- DNC210C - Repertory Dance Tour Group
- DNC210D - Repertory Dance Tour Company
- ENG216 - Introduction to Film
- ENG222 - Creative Writing
- MU100 - Introduction to Music Theory
- MU101 - Music Theory
- MU102 - Music Theory
- MU103A - Music Appreciation
- MU192 - Music for the Classroom Teacher
- MU193A - Hip-Hop, Rock, and All the World's Music
- MU194 - Sight Reading and Ear Training
- MU195 - Sight Reading and Ear Training
- MU201 - Advanced Theory
- MU202 - Advanced Theory
- TH101 - Theater Appreciation
- TH102 - Introduction to Acting I
- TH108 - Theater for Children
- TH121 - Introduction to Technical Theater
- TH122 - Theater Set and Lighting Design
- TH141 - Applied Theater-Acting
- TH142 - Applied Theater-Dance
- TH144 - Applied Theater-Costuming
- TH145 - Applied Theater-Scenery Construction
- TH147 - Applied Theater-Production Crew
- TH148 - Applied Theater-Performance
- TH160 - Acting for TV and Film
- TH202 - Introduction to Acting II
- TH203 - Reader's Theater
- TH204 - Improvisation for Actors
- TH217 - Creative Dramatics
- TH260 - Student Production Practicum

OR

Music course

Music classes numbered 100 and above except MU-240

Physical Education- 2-3 credits

Fulfill ANY of the following requirements:

Option 1:

Fulfill ALL of the following requirements:

PEA 1 credit

Complete ANY of the following Courses:

- PEA101A - Fitness, Wellness and Nutrition
- PEA103 - Weight Training
- PEA104A - Walking, Jogging and Conditioning
- PEA118 - Cycling
- PEA201 - Aerobic Movement for Fitness

AND

PEA 1 credit

Any PEA/DNC course

OR

Option 2 (3 credits):

Enroll in the following Courses:

- PEA121 - Human Movement Science

Program Specific Course(s)

Enroll in the following Courses:

- COM201 - Public Speaking

Computer Competency

Fulfill ANY of the following requirements:

CIS course

Pass any 3-credit-hour or greater CIS class with a "C" or better

OR

Competency Test

Pass MCC's CIS-110/120A Computer Competency Test

Electives- Minimum 24 credits

Electives comprised of additional classes and required class credits earned in the general education requirements. Please work with an MCC Pathway Counselor and refer to the transfer guide from 4 year institution to select courses to transfer. Recommended Elective: COM-101

Degree Maps

Degree Maps

Year 1

Fall Semester

ENG101

CIS110 or CIS120A

Math

Elective (6 credits-meet with a counselor)

Winter Semester

ENG102
COM201
Aesthetic Values
Social Relationship
Physical Education (2 credits)

Year 2

Fall Semester

Ethics & Logic
Western Culture
Science Lab
Elective (6 credits-meet with a counselor)

Winter Semester

American Culture
Science
International Culture
Elective (6 credits-meet with a counselor)

CUST_PROF - Customer Service Specialist-Professional Development Cred

Overview

Department Title

Business

Program Description

This certificate is part of the program leading to the Associate in Applied Science in Marketing Degree.

Degree

CUST - Customer Service

Requirements

Simple Requisites

Program Requirements
Certificate Requirements
Type Completion Requirement
Complete ALL of the following Courses:
<ul style="list-style-type: none"> BUS127 - Human Relations BUS161A - Effective Selling BUS166 - Quality Customer Service BUS266 - Quality Customer Service II

DMUS_CERT - Digital Music/Audio Production

Overview

Department Title

Art

Program Description

The Digital Music and Audio Production certificate will provide students with a deep understanding of audio equipment, system design, and software as well as a basic understanding of music. Practical experience will enable the student to evaluate the needs of musicians in a recording session or live audio situation, choose the best equipment for the circumstances, and in the end, deliver a professional quality recording or live audio experience. Students will study music theory, keyboard performance, and perform with an ensemble in order to develop their own skills and to be able to speak confidently with musicians in session to help improve the final result. Working with other students in their cohort, they will also learn to collaborate when setting up a recording or live audio session and gain insights from other students' experience.

Degree

DMUS - Digital Music & Audio Producti

Requirements

Simple Requisites

Program Requirements
Certificate Requirement- 28 credits
Type Completion Requirement
Certificate Requirements
Fulfill ALL of the following requirements:
Choose 2 course- 2 credits
Complete ANY of the following Courses:
<ul style="list-style-type: none"> MU111A - Wind Ensemble MU111B - Wind Ensemble MU111C - Wind Ensemble MU111D - Wind Ensemble MU111D - Wind Ensemble MU111E - Wind Ensemble MU111F - Wind Ensemble MU117A - Jazz Ensemble MU117B - Jazz Ensemble MU117C - Jazz Ensemble MU117D - Jazz Ensemble MU117E - Jazz Ensemble MU117F - Jazz Ensemble MU110A - Jayhawk Sound MU110B - Jayhawk Sound MU110C - Jayhawk Sound MU110D - Jayhawk Sound MU110E - Jayhawk Sound MU110F - Jayhawk Sound MU104CS - College Singers MU105CS - College Singers
Complete ALL
Complete ALL of the following Courses:

- DMU101 - Audio Recording I
- DMU102 - Audio Recording II
- DMU103 - Audio Recording III
- DMU110 - Intro to MIDI and Digital Instruments
- DMU201 - Digital Music & Audio Capstone Project
- MU100 - Introduction to Music Theory
- MU190C - Class Piano (Basic Piano)
- MU191C - Class Piano
- MU240 - Professional Practices in Music
- DMU104 - Live Audio Production

Degree Maps

Degree Maps

Year 1

Fall Semester

[DMU101](#)

[MU100](#)

[MU190C](#)

[MU104CS](#) or 110(A-F), or 111(A-F), or 117(A-F)

Winter Semester

[DMU102](#)

[MU191C](#)

[MU105CS](#) or 110(A-F) or 111(A-F), or 117(A-F)

[DMU110](#)

[DMU104](#)

Summer Semester

[DMU103](#)

[DMU201](#)

[MU240](#)

ED.AS - Education-Associate in Science

Overview

Department Title

Education

Program Description

Muskegon Community College offers a program preparing students to work in education. This degree is intended to be a terminal degree for paraprofessionals and a foundation for elementary teacher preparation. Paraprofessionals and teacher assistants work in various grades/classrooms and latchkey programs supporting student learning. It is an opportunity for students to gain professional recognition for demonstrating educational competence. This degree provides a solid foundation to build into a Bachelor of Science degree in Elementary Education for those wishing to continue their education. Students planning to transfer should consult with an MCC counselor. The transfer area of study that closely matches the curriculum for Pre-K-3rd or 3-6 teacher certification.

Degree

AS - Associate in Science

Requirements

Simple Requisites

Program Requirements

Program Requirements- 60 credits

Type

Completion Requirement

General Education Requirements- 34-36 credits

Fulfill ALL of the following requirements:

English/Communication-6 credits

Complete ALL of the following Courses:

- ENG101 - English Composition
- ENG102 - English Composition

AND

Natural Sciences- 8 credits

Fulfill ALL of the following requirements:

Choose 1:

Complete exactly 1 course(s) and earn exactly 4 credits from the following:

- ASTR101 - General Astronomy
- CHEM100LEC - Chemistry Fundamentals - Lecture
- CHEM100A - Chemistry Fundamentals Lab
- GEOG101A - Physical Geography - Lecture and Lab
- GEOG214 - Science of Climate Change
- GEOG215 - Introduction to Weather and Climate
- GEOL100 - Natural Disasters
- GEOL101A - Introduction to Physical Geology
- PHSC101A - Introductory Physical Science L&L

AND

Take

Enroll in the following Courses:

- BIOL113L&L - Introductory Biology

————— AND —————

Math Requirement- 4 credits

Complete exactly 1 course(s) and earn exactly 4 credits from the following:

- MATH107A - Mathematics for Liberal Arts
- MATH109A - College Algebra

————— AND —————

Social Science- 7 credits

Enroll in the following Courses:

- HIST201 - United States to 1877
- PSYC201 - General Psychology

————— AND —————

Humanities and Fine Arts- Must be in TWO or more disciplines/ subjects.

Complete exactly 2 course(s) and earn 6 - 8 credits from the following:

- ART100A - Art Appreciation
- ART198 - Art History I: Ancient Art - Renaissance
- ART199 - Art History II - Renaissance Art/Modern
- ART202 - Contemporary Art History
- ENG207 - Literature of Race & Ethnicity
- ENG211 - Literature of World Mythology
- ENG213 - Literature of Shakespeare
- ENG216 - Introduction to Film
- ENG218A - Horror, Fantasy, and Science Fiction
- ENG225 - Major American Writers-American
- ENG226 - Major American Writers-American
- ENG228 - British Literature II (1750-Today)
- ENG231 - Themes in Women's Literature
- FR101 - Basic French
- FR102 - Basic French
- FR201 - Intermediate French
- FR202 - Intermediate French
- GER101 - Basic German
- GER102 - Basic German
- SPAN101 - Basic Spanish
- SPAN102 - Basic Spanish - Second Semester
- SPAN201 - Intermediate Spanish
- SPAN202 - Intermediate Spanish
- HIST101 - Western Civilization to 1500
- HIST102 - Western Civilization -1500 to Present
- HIST150 - World History to 1500 CE
- HIST151 - World History From 1500 CE
- HIST216 - Introduction to World War II
- HUM195 - Introduction to Humanities
- MU100 - Introduction to Music Theory
- MU101 - Music Theory
- MU102 - Music Theory
- MU103A - Music Appreciation
- MU192 - Music for the Classroom Teacher
- MU193A - Hip-Hop, Rock, and All the World's Music
- MU194 - Sight Reading and Ear Training
- MU195 - Sight Reading and Ear Training

- MU201 - Advanced Theory
- MU202 - Advanced Theory
- PHIL101 - Basic Concepts of Philosophy
- PHIL102 - Principles of Logic
- PHIL104 - Symbolic Logic
- PHIL105 - World Religions
- PHIL202 - Introduction to Ethics
- PHIL203 - Philosophy of Religion
- PHIL204 - Biomedical Ethics
- PHIL205 - Business Ethics
- PHIL207 - Environmental Ethics
- TH101 - Theater Appreciation
- TH102 - Introduction to Acting I
- TH108 - Theater for Children
- TH121 - Introduction to Technical Theater
- TH122 - Theater Set and Lighting Design
- TH160 - Acting for TV and Film
- TH201 - Introduction to Theater History
- TH202 - Introduction to Acting II
- TH217 - Creative Dramatics

Program Required- 19 credits

Enroll in the following Courses:

- ED101B - Introduction to Education
- ED216A - Educating Exceptional Children
- ED225A - Child Development (age 0-8)
- ED234A - Educational Psychology
- HIST211 - Michigan History
- MATH105 - Mathematics for Elementary Teachers

Suggested Electives- must take 2 courses (4-6 credits)

Choose ANY 2 Elective Courses and earn 4 - 6 credits.

Suggestions Below:

- [COM201 - Public Speaking](#)
- [ECON102A - Principles of Microeconomics](#)
- [ED120C - Anti-Bias Curriculum in Early Childhood](#)
- [ED220B - Early Childhood Observation & Assessment](#)
- [GEOG105 - World Regional Geography](#)
- [HUM195 - Introduction to Humanities](#)
- [PSCI111 - Introduction to American Government](#)
- [SOC101 - Principles of Sociology](#)

Earn at least 3 credits from the following:

- ED230A - Children's Literature
- OR ED202A - Teaching of Reading - Elem. School

Degree Maps

Degree Maps

Year 1

Fall Semester

[ENG101](#)

[ED101B](#)

[ED225A](#)

Natural Science: [BIOL113L&L](#)

Humanities/ Fine Art

Winter Semester

[ENG102](#)

[MATH107A](#) or [MATH109A](#)

[ED216A](#)

[ED234A](#)

Year 2

Fall Semester

[ED230A](#) or [ED202A](#)

[PSYC201](#)

[HIST201](#)

Humanities/Fine Art

Suggested Electives [COM 201](#) or [ED220B](#) or [ED120C](#) or

[GEOG105](#) or [PSCI111](#) or [ECON102A](#) or [SOC101](#) or [HUM195](#)

Winter Semester

[HIST211](#)

[MATH105](#)

Suggested Electives [COM 201](#) or [ED220B](#) or [ED120C](#) or

[GEOG105](#) or [PSCI111](#) or [ECON102A](#) or [SOC101](#) or [HUM195](#)

Physical Science

EDCD.AAS - Child Development Associate-Associate in Applied Science

Overview

Department Title

Education

Program Description

Associate in Applied Science in Child Development Associates

This degree is accredited by the National Association for the Education of Young Children (NAEYC). The curriculum aligns with the NAEYC standards, the Council for Professional Recognition (CDA) and the Michigan Early Childhood Core Knowledge and Competencies.

Students are focused on understanding the development of children from birth to eight years of age through hands-on practical fieldwork and classroom instruction. An emphasis will be placed on an anti-bias curriculum covering the physical, intellectual, emotional and social domains of development. Students will be prepared for the Child Development Associate (CDA) assessment process, as part of the national credential recognized by the Council for Early Childhood Professional Recognition. The degree prepares students to be preschool teachers, child care center directors, Head Start teachers, teacher aides and classroom assistants.

This program is intended for direct employment into the field of early childhood education.

Degree

AAS - Associate in Applied Science

Requirements

Simple Requisites

Program Requirements

Program Requirements- 62 credits

Type

Completion Requirement

General Education Requirements- 20-22 credits

Fulfill ALL of the following requirements:

Complete ALL

Complete ALL of the following Courses:

- [ENG101](#) - English Composition
- [BCOM102](#) - Adv Business & Technical Communications

AND

Choose 1:

Complete exactly 1 course(s) and earn 3 - 4 credits from the following:

- [BUS126](#) - Business Mathematics
- [MATH105](#) - Mathematics for Elementary Teachers

AND

Choose 1:

Complete exactly 1 course(s) and earn exactly 3 credits from the

following:

- CIS110 - Computer Concepts
- CIS120A - Intro to Computer Information Systems

————— AND —————

Choose 1:

Complete exactly 1 course(s) and earn exactly 3 credits from the following:

- BUS127 - Human Relations
- COM101 - Oral Communications

————— AND —————

Choose 1:

Complete exactly 1 course(s) and earn 3 - 4 credits from the following:

- GEOG104 - Cultural Geography
- PHIL205 - Business Ethics
- PSCI111 - Introduction to American Government
- PSCI211 - Comparative World Governments
- PSYC102 - Applied Psychology
- PSYC201 - General Psychology

————— AND —————

PEA- 2 credits

Fulfill ALL of the following requirements:

PEA 1 credit

Complete ANY of the following Courses:

- PEA101A - Fitness, Wellness and Nutrition
- PEA103 - Weight Training
- PEA104A - Walking, Jogging and Conditioning
- PEA118 - Cycling
- PEA201 - Aerobic Movement for Fitness

————— AND —————

PEA 1 credit

Take One PEA/DNC course of choice

Career Program Requirements- 32 credits

Fulfill ALL of the following requirements:

Complete ALL

Complete ALL of the following Courses:

- ED109A - Parent-Child Connection
- ED111A - Introduction to Early Childhood Edu
- ED120C - Anti-Bias Curriculum in Early Childhood
- ED210 - Child Care and Guidance
- ED211A - Behavior Management
- ED214A - Infant and Toddler Development and Care
- ED220B - Early Childhood Observation & Assessment
- ED230A - Children's Literature
- ED252B - Child Development Practicum

————— AND —————

Choose 1:

Complete exactly 1 course(s) and earn exactly 3 credits from the following:

- ED225A - Child Development (age 0-8)
- ED250A - Human Growth and Learning

Recommended Electives- 8-10 credits

Complete ANY of the following Courses:

- CSS100A - College Success Seminar
- ED202A - Teaching of Reading - Elem. School
- ED234A - Educational Psychology
- MU192 - Music for the Classroom Teacher
- SOC101 - Principles of Sociology
- TH108 - Theater for Children

Degree Maps

Degree Maps

Year 1

Fall Semester

ED111A

ED109A

ED225A or ED250A

Education Elective Course (meet with a counselor)

ENG101

Education Fieldwork hours (100)

Winter Semester

ED120C

ED220B

ED214A

PEA101A or PEA103 or PEA104A or PEA118 or PEA201

BCOM102

CIS110 or CIS120A

Education Elective Course (meet with a counselor)

Education Fieldwork Hours (100)

Year 2

Fall Semester

ED230A

ED216A

Elective (meet with a counselor)

BUS127 or COM101

PEA/DNC of choice

Education Fieldwork Hours (75/100)

Winter Semester

ED210

ED252B

ED 211A

Core Option (meet with a counselor)

BUS126 or MATH105

Education Fieldwork Hours (205/180)

EDCD_CERT - Child Development Associate-Certificate

Overview

Department Title

Education

Program Description

The certificate prepares students to apply for the Child Development Associate(CDA) credential in a center-based preschool program awarded by the Council for Professional Recognition. The requirements include the 120 formal hours of training and the 480 required fieldwork hours. The certificate prepares students for entry-level employment in an early childhood education environment or building into an associate degree.

Degree

EDCD - Child Development Associate

Winter Semester

[ED220B](#)

[ED210](#)

[ED252B](#)

Education Fieldwork Hours (380)

Requirements

Simple Requisites

Program Requirements

Certificate Requirements-20 credits

Type
Completion Requirement

Requirements

Fulfill ALL of the following requirements:

Required Courses

Complete ALL of the following Courses:

- ED109A - Parent-Child Connection
- ED111A - Introduction to Early Childhood Edu
- ED120C - Anti-Bias Curriculum in Early Childhood
- ED210 - Child Care and Guidance
- ED220B - Early Childhood Observation & Assessment
- ED252B - Child Development Practicum

————— AND —————

Choose 1:

Complete ANY of the following Courses:

- ED225A - Child Development (age 0-8)
- ED250A - Human Growth and Learning

Degree Maps

Degree Maps

Year 1

Fall Semester

[ED109A](#)

[ED111A](#)

[ED225A](#) or [ED250A](#)

[ED120C](#)

Education Fieldwork hours (100)

EDUC.ASA - Early Childhood Education-Associate in Science & Arts

Overview

Department Title

Education

Program Description

Associate in Science and Arts in Early Childhood Education

This degree is accredited by the National Association for the Education of Young Children (NAEYC). The curriculum aligns with the NAEYC standards, the Council for Professional Recognition (CDA) and the Michigan Early Childhood Core Knowledge and Competencies.

Students are focused on understanding the development of children from birth to eight years of age through hands-on practical fieldwork and classroom instruction. An emphasis will be placed on an anti-bias curriculum covering the physical, intellectual, emotional and social domains of development. Students will be prepared for the Child Development Associate (CDA) assessment process, as part of the national credential recognized by the Council for Early Childhood Professional Recognition. The degree prepares students to be preschool teachers, child care center directors, Head Start teachers, teacher aides and classroom assistants.

In addition it fulfills the Michigan Transfer Agreement (MTA) requirement as part of continued education towards the ZS (Early Childhood Education) major/ endorsement or elementary studies degree.

Degree

ASA - Associate in Science and Arts

Requirements

Simple Requisites

Program Requirements

Program Requirements

Type

Completion Requirement

Communication- 6 credits

Enroll in the following Courses:

- ENG101 - English Composition
- ENG102 - English Composition

Science- 6 credits

Fulfill ALL of the following requirements:

Lab classes:

Fulfill ANY of the following requirements:

Biology

Any MCC Biology course with a lab

OR

Chemistry

Any MCC Chemistry course with a lab

OR

Lab courses

Complete ANY of the following Courses:

- ENV110L&L - Environmental Science
- GEOG101A - Physical Geography - Lecture and Lab
- GEOG215 - Introduction to Weather and Climate
- GEOL101A - Introduction to Physical Geology
- GEOL102 - Introduction to Earth History
- PHSC101A - Introductory Physical Science L&L
- PHYS201CL&L - College Physics I Lecture and Lab
- PHYS202CL&L - Principles of Physics Lecture & Lab
- PHYS203L&L - Engineering Physics Lecture & Lab
- PHYS204L&L - Engineering Physics Lecture & Lab

AND

Non-Lab

Complete ALL of the following Courses:

- ANTH105D - Intro to Phys Anthropology/Archaeology
- ASTR101 - General Astronomy
- ASTR105A - Cosmology
- BIOL115 - Intro to Anatomy and Physiology
- BIOL200 - Introductory Evolution
- BIOL207LEC - Microbiology Lecture
- GEOG214 - Science of Climate Change
- GEOG260 - Geoscience Field Experience

Math- 3 credits

Complete ANY of the following Courses:

- MATH107A - Mathematics for Liberal Arts
- MATH109A - College Algebra
- MATH115A - Probability and Statistics
- MATH141 - Precalculus
- MATH161 - Calculus I
- MATH162A - Calculus II
- MATH215A - Statistics for Science & Engineering
- MATH276 - Linear Algebra With Applications
- MATH283 - Calculus III
- MATH295 - Differential Equations w/Linear Algebra

Ethics and Logic- 3 credits

Complete ANY of the following Courses:

- PHIL101 - Basic Concepts of Philosophy
- PHIL102 - Principles of Logic
- PHIL104 - Symbolic Logic
- PHIL202 - Introduction to Ethics
- PHIL203 - Philosophy of Religion
- PHIL204 - Biomedical Ethics
- PHIL205 - Business Ethics
- PHIL207 - Environmental Ethics

Social Relationships- 3 credits

Complete ANY of the following Courses:

- ECON101A - Principles of Macroeconomics
- ECON102A - Principles of Microeconomics
- PSYC102 - Applied Psychology
- PSYC201 - General Psychology
- PSYC203 - Abnormal Psychology

- PSYC207 - Life Span Development
- PSYC209 - Psychological Disorders of Childhood
- PSYC210 - Social Psychology
- SOC101 - Principles of Sociology
- SOC102A - Race, Ethnicity, & Immigration
- SOC202A - Modern Social Problems
- SOC203 - Introduction to Social Work
- SOC206 - Introduction to Aging
- WGS101 - Intro to Women's & Gender Studies
- WGS201 - LGBTQ Studies

Western Culture- 3 credits

Complete ANY of the following Courses:

- ART198 - Art History I: Ancient Art - Renaissance
- ART199 - Art History II - Renaissance Art/Modern
- ART202 - Contemporary Art History
- ENG213 - Literature of Shakespeare
- ENG225 - Major American Writers-American
- ENG226 - Major American Writers-American
- ENG228 - British Literature II (1750-Today)
- ENG231 - Themes in Women's Literature
- HIST101 - Western Civilization to 1500
- HIST102 - Western Civilization -1500 to Present
- HUM195 - Introduction to Humanities
- PSCI100 - Introduction to Political Science
- TH201 - Introduction to Theater History

American Culture- 3 credits

Complete ANY of the following Courses:

- HIST201 - United States to 1877
- HIST202 - U.S. From Reconstruction-Present
- HIST207 - African American History
- HIST211 - Michigan History
- HIST212B - Gettysburg Battlefields
- HIST214 - Siege of Vicksburg-US Civil War
- HIST220 - Labor Studies
- PSCI111 - Introduction to American Government
- PSCI205 - Contemporary Political Issues in US
- PSCI220 - Labor Studies

International Culture- 3 credits

Complete ANY of the following Courses:

- ANTH103 - Cultural Diversity in Contemp. Society
- ANTH110 - Introduction to Cultural Anthropology
- ENG207 - Literature of Race & Ethnicity
- ENG211 - Literature of World Mythology
- ENG218A - Horror, Fantasy, and Science Fiction
- FR101 - Basic French
- FR102 - Basic French
- FR201 - Intermediate French
- FR202 - Intermediate French
- GEOG104 - Cultural Geography
- GEOG105 - World Regional Geography
- GER101 - Basic German
- GER102 - Basic German
- HIST150 - World History to 1500 CE
- HIST151 - World History From 1500 CE
- HIST216 - Introduction to World War II
- PHIL105 - World Religions
- PSCI202 - International Relations
- PSCI210A - Int'l Organizations United Nations
- PSCI210B - International Organizations/Arab League
- PSCI211 - Comparative World Governments

- SPAN101 - Basic Spanish
- SPAN102 - Basic Spanish - Second Semester
- SPAN201 - Intermediate Spanish
- SPAN202 - Intermediate Spanish

Aesthetic Values- 3 credits

Fulfill ANY of the following requirements:

Aesthetic Values

Complete ANY of the following Courses:

- ART100A - Art Appreciation
- ART104 - Drawing I
- ART105B - Two-Dimensional Form and Surface
- ART107 - Painting I
- ART108 - Ceramics I
- ART109 - Sculpture I
- ART220 - Figure Drawing
- DNC100 - Modern Dance I
- DNC101 - Modern Jazz Dance I
- DNC102 - Ballet I
- DNC106 - Social Dance I
- DNC200 - Modern Dance II
- DNC201 - Modern Jazz Dance II
- DNC206 - Social Dance II
- DNC210A - Repertory Dance Tour Company
- DNC210B - Repertory Dance Tour Company
- DNC210C - Repertory Dance Tour Group
- DNC210D - Repertory Dance Tour Company
- ENG216 - Introduction to Film
- ENG222 - Creative Writing
- MU100 - Introduction to Music Theory
- MU101 - Music Theory
- MU102 - Music Theory
- MU103A - Music Appreciation
- MU192 - Music for the Classroom Teacher
- MU194 - Sight Reading and Ear Training
- MU195 - Sight Reading and Ear Training
- MU201 - Advanced Theory
- MU202 - Advanced Theory
- TH101 - Theater Appreciation
- TH102 - Introduction to Acting I
- TH108 - Theater for Children
- TH121 - Introduction to Technical Theater
- TH122 - Theater Set and Lighting Design
- TH141 - Applied Theater-Acting
- TH142 - Applied Theater-Dance
- TH144 - Applied Theater-Costuming
- TH145 - Applied Theater-Scenery Construction
- TH147 - Applied Theater-Production Crew
- TH148 - Applied Theater-Performance
- TH160 - Acting for TV and Film
- TH202 - Introduction to Acting II
- TH203 - Reader's Theater
- TH204 - Improvisation for Actors
- TH212 - Summer Theater Workshop
- TH217 - Creative Dramatics
- TH260 - Student Production Practicum

OR

Music

Music classes level 100 or above except MU-240 and MU-193

Computer Competency

Fulfill ANY of the following requirements:

CIS course

Any 3-credit CIS course with "C" or better

OR

Competency Test

Pass MCC's CIS-110/120A Computer Competency Test

Required courses- 26 credits

Fulfill ALL of the following requirements:

Required courses

Complete ALL of the following Courses:

- ED109A - Parent-Child Connection
- ED111A - Introduction to Early Childhood Edu
- ED120C - Anti-Bias Curriculum in Early Childhood
- ED211A - Behavior Management
- ED220B - Early Childhood Observation & Assessment
- ED230A - Children's Literature
- ED210 - Child Care and Guidance
- ED252B - Child Development Practicum

AND

One of the following:

Complete ANY of the following Courses:

- ED225A - Child Development (age 0-8)
- ED250A - Human Growth and Learning

Year 2

Fall Semester

ED230A

Aesthetic Values

ED109A

Science

Education Fieldwork Hours (50)

Winter Semester

ED210

ED252B

ED211A

Ethics and Logic

American Culture

Education Fieldwork Hours (315)

Degree Maps

Degree Maps

Year 1

Fall Semester

ENG101

ED111A

ED225A or ED250A

Math

Social Relationships

Western Culture

Education Fieldwork hours (50)

Winter Semester

ED120C

ED220B

ENG102

International Culture

Computer Competency

Science with lab

Education Fieldwork Hours (50)

EGRDE.AAS - Graphic Design Entrepreneur

Overview

Department Title

Graphic Design

Program Description

Students completing this set of classes will have the foundation skills to run a freelance graphic design business. The skill set includes competency in creating graphic design solutions for either print or web-based advertising. Students will develop proficiencies in contemporary graphic design software, image creation and integrating animation techniques in final design solutions. Students will apply fundamental design elements and principles using type, image, and layout to create professional quality display advertising.

Degree

AAS - Associate in Applied Science

Requirements

Simple Requisites

Program Requirements

Program Requirements- 62-63 credits

Type

Completion Requirement

General Education Requirements- 18 credits

Fulfill ALL of the following requirements:

Complete ALL

Complete ALL of the following Courses:

- ENG101 - English Composition
- BCOM102 - Adv Business & Technical Communications
- BUS126 - Business Mathematics
- CIS120A - Intro to Computer Information Systems
- PHIL205 - Business Ethics

AND

Choose 1:

Complete exactly 1 course(s) and earn exactly 3 credits from the following:

- BUS127 - Human Relations
- COM101 - Oral Communications

Entrepreneur Core Requirements- 12 credits

Fulfill ALL of the following requirements:

Complete ALL

Complete ALL of the following Courses:

- BUS131 - Intro to Entrepreneurship
- BUS167 - Professionalism in Your Career
- BUS223 - Starting Your Business Plan
- BUS240 - Entrepreneurship Capstone

AND

Choose 1:

Complete exactly 1 course(s) and earn exactly 3 credits from the following:

- BUS161A - Effective Selling
- BUS220 - E-Business
- BUS204 - eMarketing

Degree Requirements- 32-33 credits

Fulfill ALL of the following requirements:

Complete ALL

Complete ALL of the following Courses:

- BUS263 - Advertising Dynamics
- GRD205 - UX Design and Implementation Foundation
- GRD101 - Introduction to InDesign
- GRD102 - Introduction to Illustrator
- GRD103 - Introduction to Photoshop
- GRD110 - Principles of Design
- GRD120 - Introduction to Graphic Design
- GRD140 - Introduction to Typography
- GRD210 - Graphic Design II
- GRD280 - Portfolio Preparation

AND

Choose 1:

Complete exactly 1 course(s) and earn 2 - 3 credits from the following:

- GRD290CI2 - Graphic Design Internship
- GRD292 - Graphic Design Studio M

Degree Maps

Degree Maps

Year 1

Fall Semester

[ENG101](#)

[CIS120A](#)

[GRD110](#)

[GRD101](#)

[BUS131](#)

[BUS263](#)

Winter Semester

[BCOM102](#)

[BUS167](#)

[GRD102](#)

[GRD120](#)

[GRD140](#)

[BUS204](#)

Year 2

Fall Semester

[BUS127](#)

[PHIL205](#)

[BUS126](#)

[GRD210](#)

[GRD103](#)

Winter Semester

- [GRD205](#)
- [BUS240](#)
- [BUS223](#)
- [GRD280](#)
- [GRD292](#) or [GRD290C12](#)

ELENG.AAS - Electrical Engineering Technology

Overview

Department Title

Tech Related

Program Description

This curriculum is designed to prepare a student for employment as an electrical and electronics technician in manufacturing, commercial repair, or service industries.

Degree

AAS - Associate in Applied Science

Requirements

Simple Requisites

<p>Program Requirements</p> <p>Program Requirements- 60 credits</p> <p>Type Completion Requirement</p> <p>General Education Requirements- 15-19 credits</p> <p>Fulfill ALL of the following requirements:</p> <table border="1"><tr><td>English</td></tr></table> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none">• ENG101 - English Composition <p style="text-align: center;">————— AND —————</p> <p>Choose 3:</p> <p>Complete exactly 3 course(s) and earn 9 - 11 credits from the following:</p> <ul style="list-style-type: none">• BCOM102 - Adv Business & Technical Communications• BUS127 - Human Relations• COM201 - Public Speaking• CSS100A - College Success Seminar• ECON101A - Principles of Macroeconomics• ENG102 - English Composition• HIST102 - Western Civilization -1500 to Present• HIST202 - U.S. From Reconstruction-Present• HUM195 - Introduction to Humanities• PSCI100 - Introduction to Political Science• PSYC201 - General Psychology• SOC101 - Principles of Sociology <p style="text-align: center;">————— AND —————</p> <p>Choose 1 Math course:</p> <p>Complete exactly 1 course(s) and earn 3 - 5 credits from the following:</p> <ul style="list-style-type: none">• TMAT101A - Technical Math I• TMAT102A - Technical Math II• TMAT201 - Technical Math III• MATH109A - College Algebra• MATH141 - Precalculus	English
English	

Electronics Technology Requirements- 25 credits

Complete ALL of the following Courses:

- ELTC101AL&L - Electricity-Basic
- ELTC150 - Industrial Electricity
- ELTC160L&L - Programmable Controllers
- ELTC201 - Non-Linear Electronics
- ELTC202 - Controls for Automation
- ELTC220 - Electrical Troubleshooting
- ELTC230 - Advanced PLC and Automation

Electives- 16-20 credits

Complete ANY of the following Courses:

- AMT129A - Introduction to Technology
- BUS125 - Supervision
- CAD110 - Introduction to Computer-Aided Drafting
- CAD211 - Introduction to Inventor
- CAD250 - Introduction to SolidWorks 3D
- COM101 - Oral Communications
- COM201 - Public Speaking
- CSS100A - College Success Seminar
- ELTC103 - Residential Wiring
- ELTC104A - Basic Industrial Robotics
- ELTC152 - National Electrical Code
- ENGR105 - Introduction to Engineering
- HE110 - Industrial Safety and Workplace Training
- HP101 - Hydraulics/Pneumatics
- HP201 - Advanced Hydraulics
- MATH161 - Calculus I
- MATH162A - Calculus II
- MET101 - Industrial Materials
- MT101B - Basic Machining
- TECH290CI - Cooperative Internship
- W101A - Basic Welding

Degree Maps

Degree Maps

Year 1

Fall Semester

[ELTC101AL&L](#)

[ELTC150](#)

[ENG101](#)

Choose One Math

Choose One General Education

Winter Semester

[ELTC201](#)

[ELTC160L&L](#)

Choose One General Education

Choose One (See Program Requirements for options)

Year 2

Fall Semester

[ELTC202](#)

Choose One General Education

Choose Two (See Program Requirements for options)

Winter Semester

[ELTC220](#)

[ELTC230](#)

Choose Two (See Program Requirements for options)

EMUP.AAS - Music Performance Entrepreneurial - AAS

Overview

Department Title

Music

Program Description

This degree program provides the foundation skills for the performance musician to operate, promote, manage, and stage a musical act in the professional music world. Everyone seeking this degree makes music and participates in ensembles of their own choosing. Students have the option of specializing in one instrument or broadening their instrumental repertoire through the study of multiple instruments. To put their own music performances into proper perspective, students are asked to explore music literature and music theory. They also gain hands-on experience with the technology and software professionals use for business communication, accounting and finance functions associated with money making enterprises. People completing this degree are exposed to music career options and common business practices, along with the challenges and joys of being a musical artist.

Degree

AAS - Associate in Applied Science

Requirements

Simple Requisites

Program Requirements

Program Requirements- 62 credits

Type

Completion Requirement

General Education Requirements- 20 credits

Fulfill ALL of the following requirements:

Complete ALL

Complete ALL of the following Courses:

- ENG101 - English Composition
- BCOM102 - Adv Business & Technical Communications
- BUS126 - Business Mathematics
- COM101 - Oral Communications
- CIS120A - Intro to Computer Information Systems
- PHIL205 - Business Ethics

AND

Choose 1:

Complete exactly 1 course(s) and earn exactly 1 credits from the following:

- PEA101A - Fitness, Wellness and Nutrition
- PEA103 - Weight Training
- PEA104A - Walking, Jogging and Conditioning
- PEA118 - Cycling
- PEA201 - Aerobic Movement for Fitness

AND

1 PEA credit

Fulfill ANY of the following requirements:

HE-110

Enroll in the following Courses:

- HE110 - Industrial Safety and Workplace Training

OR

1 PEA credit

Take One PEA/DNC course of choice

Entrepreneur Core Requirements- 12 credits

Complete ALL of the following Courses:

- BUS131 - Intro to Entrepreneurship
- BUS161A - Effective Selling
- BUS167 - Professionalism in Your Career
- BUS223 - Starting Your Business Plan
- BUS240 - Entrepreneurship Capstone

Degree Requirements-30 credits

Fulfill ALL of the following requirements:

Complete ALL

Complete ALL of the following Courses:

- MU100 - Introduction to Music Theory
- MU101 - Music Theory
- MU103A - Music Appreciation
- MU190A - Class Piano for Music Majors
- MU194 - Sight Reading and Ear Training
- MU240 - Professional Practices in Music

AND

Music

Any MU Performance/Ensemble courses- 4 credits

AND

Music

Electives can be any MU course not already taken- 3 credits

AND

Applied Music Options (select one from the following 3 options)- 8 credits

Fulfill ANY of the following requirements:

Option 1:

Fulfill ALL of the following requirements:

2 courses

Any 2 course sequence with a primary instrument from MU-148 to MU-198

AND

2 courses

Any 2 course sequence with an advanced instrument from

MU-248 to MU-289

OR

Option 2:

Fulfill ALL of the following requirements:

2 courses

Any 2 course sequence with a primary instrument from MU-148 to MU-189

AND

4 courses

Any 4 courses with a secondary instrument from MU-127 to MU-147

OR

Option 3:

Fulfill ALL of the following requirements:

8 courses

Any 8 courses with a secondary instrument from MU-127 to MU-147

Degree Maps

Degree Maps

Option 1 of 3:

Year 1

Fall Semester

ENG101

BUS131

BUS167

MU100 or MU101

MU194 and MU190A (if taking MU101)

MU103A (if taking MU100)

Any MU ensemble

Choose from MU148PVT to MU189PVT

HE110 any PEA or DNC

Winter Semester

BCOM102

CIS120A

MU102 or BUS223 (MU101 pre-req)

MU190B and MU191A (if taking MU102)

Any MU ensemble

Choose from MU148PVT to MU189PVT

PEA101A, PEA103, PEA104A, PEA118, or PEA201

Year 2

Fall Semester

BUS240

BUS126 or MATH115A

MU103A (if not taken)

Any MU ensemble

Choose from MU248PVT to MU289PVT
HE110 any PEA or DNC (not already taken)
PHIL205

Winter Semester

BUS240
MU240
BUS161A, BUS220, or BUS204
Any MU ensemble

Choose from MU248PVT to MU289PVT
HE110 any PEA or DNC (not already taken)
Any MU course not taken above

Option 2 of 3:

Year 1

Fall Semester

ENG101
BUS131
BUS167
MU100 or MU101
MU194 and MU190A (if taking MU101)
MU103A (if taking MU100)
Any MU ensemble
Choose from MU148PVT to MU189PVT
HE110 any PEA or DNC

Winter Semester

BCOM102
CIS120A
MU102 or BUS223 (MU101 pre-req)
MU190B and MU191A (if taking MU102)
Any MU ensemble
Choose TWO from MU148PVT to MU189PVT
PEA101A, PEA103, PEA104A, PEA118, or PEA201

Year 2

Fall Semester

BUS240
BUS126 or MATH115A
MU103A (if not taken)
Any MU ensemble
Choose from MU248PVT to MU289PVT
HE110 any PEA or DNC (not already taken)
PHIL205

Winter Semester

BUS240
MU240
BUS161A, BUS220, or BUS204
Any MU ensemble
Choose TWO from MU127 to MU147
HE110 any PEA or DNC (not already taken)
Any MU course not taken above

Option 3 of 3:

Year 1

Fall Semester

ENG101
BUS131
BUS167
MU100 or MU101
MU194 and MU190A (if taking MU101)
MU103A (if taking MU100)
Any MU ensemble
Choose TWO from MU127 to MU147
HE110 any PEA or DNC

Winter Semester

BCOM102
CIS120A
MU102 or BUS223 (MU101 pre-req)
MU190B and MU191A (if taking MU102)
Any MU ensemble
Choose TWO from MU127 to MU147 (not already taken)
PEA101A, PEA103, PEA104A, PEA118, or PEA201

Year 2

Fall Semester

BUS240
BUS126 or MATH115A
MU103A (if not taken)
Any MU ensemble
Choose TWO from MU127 to MU147 (not already taken)
HE110 any PEA or DNC (not already taken)
PHIL205

Winter Semester

BUS240
MU240
BUS161A, BUS220, or BUS204
Any MU ensemble
Choose TWO from MU127 to MU147 (not already taken)
HE110 any PEA or DNC (not already taken)
Any MU course not taken above

ENGR.T.AAS - Engineering Technology

Overview

Department Title

Tech Related

Program Description

This curriculum is designed to prepare a student for entry-level engineering and technical positions related to industry and technology. This degree is designed to prepare graduates for entry-level work in the field of engineering and/or to transfer to a 4-year institution for continuing engineering study.

Degree

AAS - Associate in Applied Science

Requirements

Simple Requisites

Program Requirements

Program Requirements- 60 credits

Type

Completion Requirement

Requirements

Fulfill ALL of the following requirements:

Complete ALL

Complete ALL of the following Courses:

- ENG101 - English Composition
- MATH141 - Precalculus

————— AND —————

Choose 3:

Complete exactly 3 course(s) and earn exactly 9 credits from the following:

- BCOM102 - Adv Business & Technical Communications
- BUS127 - Human Relations
- COM201 - Public Speaking
- CSS100A - College Success Seminar
- ENG102 - English Composition
- HIST102 - Western Civilization -1500 to Present
- HIST201 - United States to 1877
- HUM195 - Introduction to Humanities
- HE106 - Concepts of Health and Well-being
- PHIL202 - Introduction to Ethics
- SOC101 - Principles of Sociology
- SOC202A - Modern Social Problems

————— AND —————

Electives- 0-5 credits

(As needed to reach 60 credits)

Engineering Technology-Related Requirements- 10 credits

Fulfill ALL of the following requirements:

Choose 1:

Complete exactly 1 course(s) and earn exactly 5 credits from the following:

- PHYS201CL&L - College Physics I Lecture and Lab
- PHYS203L&L - Engineering Physics Lecture & Lab

————— AND —————

Choose 1:

Complete exactly 1 course(s) and earn exactly 5 credits from the following:

- PHYS202CL&L - Principles of Physics Lecture & Lab
- PHYS204L&L - Engineering Physics Lecture & Lab

Required Electives- 12-15 credits

Complete ANY of the following Courses:

- AMT129A - Introduction to Technology
- CAD110 - Introduction to Computer-Aided Drafting
- CAD211 - Introduction to Inventor
- CAD250 - Introduction to SolidWorks 3D
- CHEM100LEC - Chemistry Fundamentals - Lecture
- CHEM100A - Chemistry Fundamentals Lab
- CHEM102A - General and Inorganic Chemistry-Lab
- CHEM102LEC - General and Inorganic Chemistry-Lecture
- CIS120A - Intro to Computer Information Systems
- CIS185 - 'C' Programming
- ECON101A - Principles of Macroeconomics
- ECON102A - Principles of Microeconomics
- ENGR105 - Introduction to Engineering
- ENGR202 - Statics
- ENGR204 - Engineering Dynamics
- MT101B - Basic Machining
- MT205A - NC/CNC Numerical Control/Computer
- MT206A - 2-D CAD/CAM Computer-Aided

Choose One (1) Option- 19-21 credits

Fulfill ANY of the following requirements:

Option 1: Engineering Track- 21 credits

Complete ALL of the following Courses:

- CHEM101LEC - General and Inorganic Chemistry Lecture
- CHEM101A - General and Inorganic Chemistry Lab
- MATH161 - Calculus I
- MATH162A - Calculus II
- MATH283 - Calculus III
- MATH295 - Differential Equations w/Linear Algebra

————— OR —————

Option 2: Ferris State University- Engineering Technology Track- 20 credits

Complete ALL of the following Courses:

- CAD250 - Introduction to SolidWorks 3D
- ELTC101AL&L - Electricity-Basic
- HP101 - Hydraulics/Pneumatics
- MATH161 - Calculus I
- MET101 - Industrial Materials
- MET201 - Metallurgy

OR

Option 3: Western Michigan University- Engineering Technology Track- 19 credits

Complete ALL of the following Courses:

- CAD210 - Parametric Design I-Part Modeling (Inactive)
- CHEM101A - General and Inorganic Chemistry Lab
- CHEM101LEC - General and Inorganic Chemistry Lecture
- ELTC101AL&L - Electricity-Basic
- MATH161 - Calculus I
- MET201 - Metallurgy

Degree Maps

Degree Maps

Option 1-Engineering Track:

Year 1

Fall Semester

Choose One from options in Program Requirement

Required Elective- 3-5 credits

[ENG101](#)

[MATH141](#)

Winter Semester

[MATH161](#)

[CHEM101A](#)

[CHEM101LEC](#)

[PHYS201CL&L](#) or [PHYS203L&L](#)

Year 2

Fall Semester

[MATH162A](#)

Choose Two from options in Program Requirement

Required Electives- 6-10 credits

Winter Semester

[MATH295](#)

[MATH283](#)

[PHYS202CL&L](#) or [PHYS204L&L](#)

Required Elective- 3-5 credits

Option 2-Ferris State University Engineering Technology Track:

Year 1

Fall Semester

Required Elective- 3-5 credits- [MT101B](#)

Required Elective- 3-5 credits- [CAD110](#)

[ENG101](#)

[MATH141](#)

Winter Semester

[MATH161](#)

[CAD250](#)

[MET101](#)

Choose One from options in Program Requirement

Required Elective- 3-5 credits- [AMT129A](#)

Year 2

Fall Semester

Required Elective- 3-5 credits- [MT205A](#)

[MET201](#)

[PHYS201CL&L](#) or [PHYS203L&L](#)

[HP101](#)

Winter Semester

Choose Two from options in Program Requirement

[PHYS202CL&L](#) or [PHYS204L&L](#)

[ELTC101AL&L](#)

Option 3-Western Michigan University Engineering Technology Track

Year 1

Fall Semester

Required Elective- 3-5 credits- [CAD110](#)

[ENG101](#)

[MATH141](#)

Required Elective- 3-5 credits- [MT101B](#)

Winter Semester

Choose One from options in Program Requirement- [ENG102](#)

[CAD210](#)

[CHEM101A](#)

[CHEM101LEC](#)

[MATH161](#)

Year 2

Fall Semester

[ELTC101AL&L](#)

Required Elective- 3-5 credits- [MT205A](#)

[PHYS201CL&L](#)

[PHIL101](#), or [PHIL202](#), or [SOC101](#), or [SOC202A](#)

Winter Semester

Required Elective- 3-5 credits- [AMT129A](#)

Choose One from options in Program Requirement- [HE106](#)

[PHYS202CL&L](#)

[MET201](#)

Any Elective - 1 credit

ENTRE_CERT - Entrepreneurship

Overview

Department Title

Business

Program Description

This certificate is designed for community members or students who have a specific idea for starting a business and want to follow on of two paths: 1) Create a business plan while at the same time refine their business idea with the desire to start their business within the next five years. 2) Create/refine their business plan and start their business as soon as possible after completing the certificate.

Degree

ENTRE - Entrepreneurship

Requirements

Simple Requisites

<p>Program Requirements</p> <p>Certificate Requirements- 17 credits</p> <p>Type Completion Requirement</p> <p>Requirement</p> <p>Fulfill ALL of the following requirements:</p> <p>Complete ALL</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • BUS131 - Intro to Entrepreneurship • BUS166 - Quality Customer Service • BUS204 - eMarketing • BUS223 - Starting Your Business Plan • BUS240 - Entrepreneurship Capstone <p style="text-align: center;">————— AND —————</p> <p>Choose 1:</p> <p>Complete ANY of the following Courses:</p> <ul style="list-style-type: none"> • BUS161A - Effective Selling • BUS220 - E-Business
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Degree Maps

Degree Maps

Year 1

Fall Semester

[BUS131](#)

[BUS166](#)

[BUS223](#)

Winter Semester

[BUS204](#)

[BUS240](#)

[BUS161A](#) or [BUS220](#)

EVART.AAS - Visual Art Entrepreneurial - A.A.S

Overview

Department Title

Art

Program Description

This degree program provides Visual Art students with the basic skills for a variety of entrepreneurial avenues such as self-employed artist, art promoter, gallery representative, or commercial art gallery owner/director. Along with acquiring practical business concepts, the student also develops basic hands-on skills through a variety of two and three-dimensional studio experiences traditionally associated with foundation-level undergraduate art degrees. Study in art from historical and contemporary viewpoints to help gain insights into the cultural significance of art and the interrelationship of art and society is also stressed. The student then concludes the degree with an overview of professional practices in art and further hands-on experience in gallery/museum operations. Students completing this program are made aware of many of the challenges they will face when starting and operating a business.

Degree

AAS - Associate in Applied Science

Requirements

Simple Requisites

<p>Program Requirements</p> <p>Program Requirements- 62 credits</p> <p>Type Completion Requirement</p> <p>General Education Requirements- 20 credits</p> <p>Fulfill ALL of the following requirements:</p> <p>Complete ALL</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • ENG101 - English Composition • BCOM102 - Adv Business & Technical Communications • BUS126 - Business Mathematics • COM101 - Oral Communications • CIS120A - Intro to Computer Information Systems • PHIL205 - Business Ethics <p style="text-align: center;">————— AND —————</p> <p>PEA</p> <p>Complete exactly 1 course(s) and earn exactly 1 credits from the following:</p> <ul style="list-style-type: none"> • PEA101A - Fitness, Wellness and Nutrition • PEA103 - Weight Training • PEA104A - Walking, Jogging and Conditioning • PEA118 - Cycling • PEA201 - Aerobic Movement for Fitness <p style="text-align: center;">————— AND —————</p> <p>PEA</p> <p>Fulfill ANY of the following requirements:</p>
--

HE-110

Enroll in the following Courses:

- HE110 - Industrial Safety and Workplace Training

OR

PEA

Any PEA/DNC course of choice

Entrepreneur Core Requirements- 12 credits

Complete ALL of the following Courses:

- BUS131 - Intro to Entrepreneurship
- BUS161A - Effective Selling
- BUS167 - Professionalism in Your Career
- BUS223 - Starting Your Business Plan
- BUS240 - Entrepreneurship Capstone

Degree Requirements- 30 credits

Fulfill ALL of the following requirements:

Art courses

Complete ALL of the following Courses:

- ART104 - Drawing I
- ART105B - Two-Dimensional Form and Surface
- ART198 - Art History I: Ancient Art - Renaissance
- ART199 - Art History II - Renaissance Art/Modern
- ART202 - Contemporary Art History
- ART204B - Drawing II (Transfer Portfolio Prep)
- ART240 - Professional Practices in Art
- ART250 - Gallery/Collection Practicum

AND

Choose 1:

Complete exactly 1 course(s) and earn exactly 3 credits from the following:

- ART108 - Ceramics I
- ART109 - Sculpture I
- ART117 - Three-Dimensional Form and Space

AND

3 credits

Enroll in the following Courses:

- ART290CI - Cooperative Internship

[BUS161A](#), or [BUS204](#), or [BUS220](#)

[CIS120A](#)

[ENG101](#)

Winter Semester

[ART108](#)

[ART204B](#)

[BUS127](#)

[BUS126](#)

[BUS167](#)

[HE110](#)

[PEA101A](#), or [PEA103](#), or [PEA104A](#), or [PEA118](#), or [PEA201](#)

Year 2

Fall Semester

[ART198](#)

[ART240](#)

[BCOM102](#)

[BUS223](#)

[PHIL205](#)

Winter Semester

[ART199](#)

[ART202](#)

[ART250](#)

[ART290CI](#)

[BUS240](#)

Degree Maps

Degree Maps

Year 1

Fall Semester

[ART104](#)

[ART105B](#)

[BUS131](#)

EWSD.AAS - Website Development Entrepreneur - AAS

Overview

Department Title

Business

Program Description

This program provides students with foundational skills required to own and operate a Website development business. This includes understanding the features and opportunities of doing business on the Internet and by examining how e-business strategies differ from those of traditional businesses. Students will employ professional design principles in the development of effective and user-friendly websites using XHTML and cascading style sheets. Students acquire the skills required to write error-free computer programs and server-side scripts, to design and normalize databases, as well as create and integrate multi-media applications using sound, video and animation. The degree is wrapped around learning fundamental day-to-day business skills including implementing a business plan, client management, professional business communication, accounting and finance functions. Students completing this program understand the challenges involved with establishing a new business, keeping it financially sound and solving issues faced by new businesses.

Degree

AAS - Associate in Applied Science

Requirements

Simple Requisites

<p>Program Requirements</p> <p>Program Requirements- 62 credits</p> <p>Type Completion Requirement</p> <p>General Education Requirements-20 credits</p> <p>Fulfill ALL of the following requirements:</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> ENG101 - English Composition BCOM102 - Adv Business & Technical Communications CIS120A - Intro to Computer Information Systems PHIL205 - Business Ethics <p style="text-align: center;">————— AND —————</p> <p>Complete exactly 1 course(s) and earn exactly 3 credits from the following:</p> <ul style="list-style-type: none"> BUS126 - Business Mathematics MATH115A - Probability and Statistics <p style="text-align: center;">————— AND —————</p> <p>Complete exactly 1 course(s) and earn exactly 3 credits from the following:</p> <ul style="list-style-type: none"> BUS127 - Human Relations COM101 - Oral Communications
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————— AND —————
<p>Complete exactly 1 course(s) and earn exactly 1 credits from the following:</p> <ul style="list-style-type: none"> PEA101A - Fitness, Wellness and Nutrition PEA103 - Weight Training PEA104A - Walking, Jogging and Conditioning PEA118 - Cycling PEA201 - Aerobic Movement for Fitness
————— AND —————
<p>Fulfill ANY of the following requirements:</p> <p>Enroll in the following Courses:</p> <ul style="list-style-type: none"> HE110 - Industrial Safety and Workplace Training
————— OR —————
<p>Take Any PEA/DNC course of choice</p>
<p>Entrepreneur Core Requirements- 12 credits</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> BUS131 - Intro to Entrepreneurship BUS167 - Professionalism in Your Career BUS220 - E-Business BUS223 - Starting Your Business Plan BUS240 - Entrepreneurship Capstone

Degree Maps

Degree Maps

Year 1

Fall Semester

- [BUS131](#)
- [BUS220](#)
- [BUS127](#) or [COM101](#)
- [CIS120A](#)
- [ENG101](#)
- [GRD120](#)

Winter Semester

- [BUS126](#) or [MATH115A](#)
- [CIS153A](#)
- [CIS257A](#)
- [CIS185](#)
- [BUS204](#)
- [PHIL205](#)

Year 2

Fall Semester

- [BCOM102](#)
- [PEA101A](#), or [PEA103](#), or [PEA104A](#), or [PEA118](#), or [PEA201](#)
- [CIS280](#)
- [CIS258](#)
- [CIS228](#)
- [BUS167](#)

Winter Semester

[BUS223](#)

[BUS240](#)

[CIS199](#)

[CIS253A](#)

[CIS267PHP](#)

Elective (See Program Requirements for options)

[HE110](#) or ANY PEA/DNC course

EXPW.ASA - Exercise Science Pathway Associate in Science and Arts

Overview

Department Title

Health Education

Program Description

The Exercise Science Pathway degree will prepare students who plan to transfer to a participating four-year college or university and work towards a bachelor's degree in Exercise Science, Health and Fitness, or Kinesiology.

Possible career outcomes include: Anatomist, Athletic Director, Athletic Therapist, Cardiac Rehabilitation Specialist, Coach, Exercise Physiologist, Health Educator, Kinesiologist, Personal Trainer, Physiologist, Physical Therapist, Recreation and Sports Director, Sports Nutritionist, Strength and Conditioning Coach, Wellness Educator.

Degree

ASA - Associate in Science and Arts

Requirements

Simple Requisites

Program Requirements
Program Requirements- 62 credits
Type Completion Requirement
Communication- 6 credits Enroll in the following Courses: <ul style="list-style-type: none">ENG101 - English CompositionENG102 - English Composition
Science Enroll in the following Courses: <ul style="list-style-type: none">BIOL152L&L - Human AnatomyCHEM100A - Chemistry Fundamentals LabCHEM100LEC - Chemistry Fundamentals - Lecture
Math- 3 credits Complete ANY of the following Courses: <ul style="list-style-type: none">MATH141 - PrecalculusMATH161 - Calculus IMATH162A - Calculus IIMATH295 - Differential Equations w/Linear Algebra
Ethics and Logic- 3 credits Complete ANY of the following Courses: <ul style="list-style-type: none">PHIL101 - Basic Concepts of PhilosophyPHIL102 - Principles of LogicPHIL104 - Symbolic LogicPHIL202 - Introduction to EthicsPHIL203 - Philosophy of ReligionPHIL204 - Biomedical EthicsPHIL205 - Business EthicsPHIL207 - Environmental Ethics

Social Relationships- 3 credits

Enroll in the following Courses:

- PSYC201 - General Psychology

Western Culture- 3 credits

Complete ANY of the following Courses:

- ART198 - Art History I: Ancient Art - Renaissance
- ART199 - Art History II - Renaissance Art/Modern
- ART202 - Contemporary Art History
- ENG213 - Literature of Shakespeare
- ENG225 - Major American Writers-American
- ENG226 - Major American Writers-American
- ENG228 - British Literature II (1750-Today)
- ENG231 - Themes in Women's Literature
- HIST101 - Western Civilization to 1500
- HIST102 - Western Civilization -1500 to Present
- HUM195 - Introduction to Humanities
- PSCI100 - Introduction to Political Science
- TH201 - Introduction to Theater History

American Culture- 3 credits

Complete ANY of the following Courses:

- HIST201 - United States to 1877
- HIST202 - U.S. From Reconstruction-Present
- HIST207 - African American History
- HIST211 - Michigan History
- HIST212B - Gettysburg Battlefields
- HIST214 - Siege of Vicksburg-US Civil War
- HIST220 - Labor Studies
- PSCI111 - Introduction to American Government
- PSCI205 - Contemporary Political Issues in US
- PSCI220 - Labor Studies

International Culture- 3 credits

Complete ANY of the following Courses:

- ANTH103 - Cultural Diversity in Contemp. Society
- ANTH110 - Introduction to Cultural Anthropology
- ENG207 - Literature of Race & Ethnicity
- ENG211 - Literature of World Mythology
- ENG218A - Horror, Fantasy, and Science Fiction
- FR101 - Basic French
- FR102 - Basic French
- FR201 - Intermediate French
- FR202 - Intermediate French
- GEOG104 - Cultural Geography
- GEOG105 - World Regional Geography
- GER101 - Basic German
- GER102 - Basic German
- HIST150 - World History to 1500 CE
- HIST151 - World History From 1500 CE
- HIST216 - Introduction to World War II
- PHIL105 - World Religions
- PSCI202 - International Relations
- PSCI210A - Int'l Organizations United Nations
- PSCI210B - International Organizations/Arab League
- PSCI211 - Comparative World Governments
- SPAN101 - Basic Spanish
- SPAN102 - Basic Spanish - Second Semester
- SPAN201 - Intermediate Spanish
- SPAN202 - Intermediate Spanish

Aesthetic Values- 3 credits

Fulfill ANY of the following requirements:

Aesthetic Values

Complete ANY of the following Courses:

- ART100A - Art Appreciation
- ART104 - Drawing I
- ART105B - Two-Dimensional Form and Surface
- ART107 - Painting I
- ART108 - Ceramics I
- ART109 - Sculpture I
- ART117 - Three-Dimensional Form and Space
- ART204B - Drawing II (Transfer Portfolio Prep)
- ART207 - Painting II
- ART208 - Ceramics II
- ART209 - Sculpture II
- ART220 - Figure Drawing
- DNC100 - Modern Dance I
- DNC101 - Modern Jazz Dance I
- DNC102 - Ballet I
- DNC106 - Social Dance I
- DNC200 - Modern Dance II
- DNC201 - Modern Jazz Dance II
- DNC206 - Social Dance II
- DNC210A - Repertory Dance Tour Company
- DNC210B - Repertory Dance Tour Company
- DNC210C - Repertory Dance Tour Group
- DNC210D - Repertory Dance Tour Company
- ENG216 - Introduction to Film
- ENG222 - Creative Writing
- MU100 - Introduction to Music Theory
- MU101 - Music Theory
- MU102 - Music Theory
- MU103A - Music Appreciation
- MU192 - Music for the Classroom Teacher
- MU193A - Hip-Hop, Rock, and All the World's Music
- MU194 - Sight Reading and Ear Training
- MU195 - Sight Reading and Ear Training
- MU201 - Advanced Theory
- MU202 - Advanced Theory
- TH101 - Theater Appreciation
- TH102 - Introduction to Acting I
- TH108 - Theater for Children
- TH121 - Introduction to Technical Theater
- TH122 - Theater Set and Lighting Design
- TH141 - Applied Theater-Acting
- TH142 - Applied Theater-Dance
- TH144 - Applied Theater-Costuming
- TH145 - Applied Theater-Scenery Construction
- TH147 - Applied Theater-Production Crew
- TH148 - Applied Theater-Performance
- TH160 - Acting for TV and Film
- TH202 - Introduction to Acting II
- TH203 - Reader's Theater
- TH204 - Improvisation for Actors
- TH217 - Creative Dramatics
- TH260 - Student Production Practicum

OR

Music Course

Music classes numbered 100 and above except MU-240

Physical Education

Enroll in the following Courses:

- PEA121 - Human Movement Science

Program Specific Courses- 9 credits

Complete ALL of the following Courses:

- BIOL252L&LH - Human Physiology-Honors
- CHEM101A - General and Inorganic Chemistry Lab
- CHEM101LEC - General and Inorganic Chemistry Lecture

Computer Competency

Fulfill ANY of the following requirements:

CIS Course

Pass any 3-credit-hour or greater CIS class with a grade of "C" or better

OR

Competency Test

Pass MCC's CIS110/120A Computer Competency Test

Electives- 18 credits

Work with an MCC Pathway Counselor & refer to a transfer guide from 4 year institution to select courses to transfer.

Degree Maps

Degree Maps

Year 1

Fall Semester

[ENG101](#)

[BIOL152L&L](#)

Math

Western Culture

Elective (meet with a counselor)

Winter Semester

[ENG102](#)

[CIS110](#)

[BIOL252L&L](#) or [CIS120A](#)

International Culture

Elective (meet with a counselor)

Year 2

Fall Semester

[CHEM101LEC](#)

[CHEM101A](#)

[PSYC201](#)

American Culture

Electives (meet with a counselor)

Winter Semester

[PEA121](#)

Aesthetic Values

Ethics & Logic

Electives (6 credits-meet with a counselor)

FOODS_CERT - Food Science Certificate

Overview

Department Title

Biology

Program Description

The Food Science Certificate will prepare students to work mid-level and managerial positions in a food processing operation.

Degree

FOODS - Food Science

Requirements

Simple Requisites

Program Requirements

Certificate Requirements- 27 credits

Type

Completion Requirement

Certificate Requirements

Fulfill ALL of the following requirements:

Complete ALL

Complete ALL of the following Courses:

- ENG101 - English Composition
- TMAT101A - Technical Math I
- TMAT102A - Technical Math II
- HP101 - Hydraulics/Pneumatics
- FS101L&L - Introduction to Food Science & Process
- TECH290CI - Cooperative Internship
- QC101 - Basic Quality Control

AND

Take 6 credits

Earn at least 6 credits from the following:

- BIOL109L&L - Food Technology
- BIOL121LEC - Plant Biology Lecture
- BIOL121LAB - Plant Biology Laboratory
- ENV110L&L - Environmental Science
- W101A - Basic Welding
- ELTC101AL&L - Electricity-Basic
- ELTC150 - Industrial Electricity
- BUS122 - Principles of Management
- BUS125 - Supervision
- PHIL207 - Environmental Ethics

FOPRT.AAS - Food Processing Technology AAS

Overview

Department Title

Biology

Program Description

The food industry is the world's largest industry. This multi-billion dollar industry employs many thousands of food processing specialists and scientists. There are more positions available for

food scientists than graduates to fill them. The MCC curriculum, paired with courses in the Michigan State University Food Processing Certificate Program, prepares students for mid-level and managerial employment in food processing operations. Students will earn an MSU certificate while also working towards an associate degree. MSU Transfer Students: Students wishing to transfer to MSU as juniors must meet with the program coordinator during their first semester to alter general education courses to meet MSU requirements.

Degree

AAS - Associate in Applied Science

Requirements

Simple Requisites

Program Requirements

Program Requirements- 61

Type

Completion Requirement

General Education Requirements- 27 Credits

Fulfill ALL of the following requirements:

English Requirement

Complete ALL of the following Courses:

- ENG101 - English Composition
- ENG102 - English Composition

AND

Complete ALL

Complete ALL of the following Courses:

- BUS127 - Human Relations
- HE110 - Industrial Safety and Workplace Training
- CIS120A - Intro to Computer Information Systems
- FS101L&L - Introduction to Food Science & Process
- BIOL130L&L - General Biology I
- BIOL109L&L - Food Technology

AND

Complete 1 course:

Complete ANY of the following Courses:

- TMAT101A - Technical Math I
- TMAT102A - Technical Math II
- TMAT201 - Technical Math III
- BUS126 - Business Mathematics

- MATH109A - College Algebra
- MATH115A - Probability and Statistics

MSU Occupational Specialty Requirements Credits: 34 credits

Food Processing, Technology and Safety

Degree Maps

Degree Maps

GRDE.AAS - Graphic Design-Associate in Applied Science

Overview

Department Title

Graphic Design

Program Description

The Graphic Design curriculum is designed to prepare students for entry into the field of graphic design with a broad background and experience in the creation of a wide variety of media for advertising, displays, sign and computer graphics to fit clients' needs. Though not fine artists, students need to be skilled in drawing and painting. Media creation and distribution is ever changing and so must be the knowledge and skills of the graphic designer. This program is not designed to transfer to a four-year institution. Any student wishing to transfer to a four-year college is urged to consult with a counselor. The certificate programs are intended to provide the student with foundation skills to gain immediate employment in the specialty, or continue in the AAS program.

Degree

AAS - Associate in Applied Science

Requirements

Simple Requisites

Program Requirements

Program Requirements- 62-63 credits

Type

Completion Requirement

General Education Requirements- 18 credits

Fulfill ALL of the following requirements:

Complete ALL

Complete ALL of the following Courses:

- ENG101 - English Composition
- BCOM102 - Adv Business & Technical Communications
- BUS127 - Human Relations
- SOC101 - Principles of Sociology
- TMAT101A - Technical Math I

Graphic Design Requirements- 30 credits

Fulfill ALL of the following requirements:

Complete ALL

Complete ALL of the following Courses:

- GRD101 - Introduction to InDesign
- GRD102 - Introduction to Illustrator
- GRD103 - Introduction to Photoshop
- GRD110 - Principles of Design
- GRD120 - Introduction to Graphic Design
- GRD140 - Introduction to Typography
- GRD160 - History of Graphic Design
- GRD210 - Graphic Design II
- GRD280 - Portfolio Preparation

AND

Complete 1 course

Complete exactly 1 course(s) and earn exactly 3 credits from the following:

- GRD290CI3 - Graphic Design Internship
- GRD292 - Graphic Design Studio M

Related Requirements- 15 credits

Fulfill ALL of the following requirements:

Complete ALL

Complete ALL of the following Courses:

- ART104 - Drawing I
- ART199 - Art History II - Renaissance Art/Modern
- BUS260 - Principles of Marketing
- CIS120A - Intro to Computer Information Systems
- GRD205 - UX Design and Implementation Foundation

Recommended Electives 2-3 credits

Earn at least 2 credits from the following:

- ART100A - Art Appreciation
- ART105B - Two-Dimensional Form and Surface
- BUS131 - Intro to Entrepreneurship
- BUS167 - Professionalism in Your Career
- BUS220 - E-Business
- BUS263 - Advertising Dynamics
- CIS119PP - Introduction to Presentation Graphics
- CIS199 - Internet Content Management Systems Cms

Degree Maps

Degree Maps

Year 1

Fall Semester

[ENG101](#)

[CIS120A](#)

[GRD110](#)

[GRD101](#)

[GRD160](#)

Winter Semester

[BCOM102](#)

[SOC101](#)

[GRD102](#)

[GRD120](#)

[GRD140](#)

Year 2

Fall Semester

[BUS127](#)

[ART104](#)

[TMAT101A](#)

[GRD210](#)

[GRD103](#)

Winter Semester

[GRD205](#)

[BUS260](#)

[ART199](#)

[GRD280](#)

[GRD292CI](#) or [GRD290CI2](#)

Recommended Elective (2-3 credits-see Program Requirements for options)

GRDV_CERT - Graphic Design Video/Audio Certificate

Overview

Department Title

Graphic Design

Program Description

Graphic Design Video/Audio Certificate

Degree

GRDV - Graphic Design Video/Audio

Requirements

Simple Requisites

Program Requirements

Certificate Requirements- 27 credits

Type

Completion Requirement

Fulfill ALL of the following requirements:

Complete ALL

Complete ALL of the following Courses:

- BUS123 - Business Law I
- CIS287A - Digital Video Editing and Production
- COM102 - Mass Media
- COM112 - Audio Production
- COM212 - Television Production
- GRD120 - Introduction to Graphic Design
- GRD140 - Introduction to Typography

————— AND —————

Complete 1

Complete ANY of the following Courses:

- CIS110 - Computer Concepts
- CIS120A - Intro to Computer Information Systems

Degree Maps

Degree Maps

Year 1

Fall Semester

[CIS110](#) or [CIS120A](#)

[GRD110](#)

[COM102](#)

[COM112](#)

[BUS123](#)

GRDW_CERT - Graphic Design Web Design Certificate

Overview

Department Title

Graphic Design

Program Description

Graphic Design Web Design Certificate

Degree

GRDW - Graphic Design Web Design

Requirements

Simple Requisites

Program Requirements
<p>Certificate Requirements- 30 credits</p> <p>Type Completion Requirement</p> <p>Required Courses</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> BUS220 - E-Business CIS120A - Intro to Computer Information Systems CIS153A - Introduction to Data Base Management CIS199 - Internet Content Management Systems Cms CIS228 - JavaScript CIS257A - HTML Internet for Web Page Design CIS258 - Advanced HTML Web Development CIS267PHP - Server-Side Web Programming Using Php GRD102 - Introduction to Illustrator GRD110 - Principles of Design GRD120 - Introduction to Graphic Design <p>Take 1 Elective credit</p>

Degree Maps

Degree Maps

Year 1

Fall Semester

[BUS220](#)[CIS120A](#)[CIS153A](#)[CIS257A](#)[GRD110](#)[CIS228](#)

Winter Semester

[CIS199](#)[CIS267PHP](#)[CIS258](#)[GRD120](#)[GRD102](#)

Elective (Meet with a counselor)

HESCI.ASA - Health Science - ASA

Overview

Department Title

Health Sciences Dept

Program Description

Health Science-ASA

The Michigan Transfer Agreement Associate in Science and Arts (ASA) degrees are effective as of fall 2014. A minimum of 62 credit hours with a minimum cumulative 2.0 GPA is required for the ASA Degree. Courses numbered below 100 do not count toward the ASA. MCC and the Michigan Transfer Agreement require a "C" or better in courses used to meet ASA and MTA requirements.

Degree

ASA - Associate in Science and Arts

Requirements

Simple Requisites

Program Requirements
<p>Program Requirements- 62 credits</p> <p>Type Completion Requirement</p> <p>Communication- 6 credits</p> <p>Enroll in the following Courses:</p> <ul style="list-style-type: none"> ENG101 - English Composition ENG102 - English Composition <p>Science Lab Courses- 17 credits</p> <p>Fulfill ALL of the following requirements:</p> <p>Biology</p> <p>Complete ANY of the following Courses:</p> <ul style="list-style-type: none"> BIOL152L&L - Human Anatomy BIOL252L&L - Human Physiology BIOL207LEC - Microbiology Lecture BIOL207A - Microbiology Lab <p style="text-align: center;">————— AND —————</p> <p>Chemistry</p> <p>Fulfill ANY of the following requirements:</p> <p>Chemistry 100LEC/A</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> CHEM100A - Chemistry Fundamentals Lab CHEM100LEC - Chemistry Fundamentals - Lecture <p style="text-align: center;">————— OR —————</p> <p>Chemistry 109LEC/A</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> CHEM109A - Chemistry for Health Science Lab CHEM109LEC - Chemistry for Health Science

Math- 3 credits

Complete ANY of the following Courses:

- MATH107A - Mathematics for Liberal Arts
- MATH109A - College Algebra
- MATH115A - Probability and Statistics
- MATH141 - Precalculus
- MATH161 - Calculus I
- MATH162A - Calculus II
- MATH215A - Statistics for Science & Engineering
- MATH276 - Linear Algebra With Applications
- MATH283 - Calculus III
- MATH295 - Differential Equations w/Linear Algebra

Ethics and Logic

Enroll in the following Courses:

- PHIL204 - Biomedical Ethics

Social Relationships- 3 credits

Enroll in the following Courses:

- PSYC201 - General Psychology

Western Culture- 3 credits

Complete ANY of the following Courses:

- ART198 - Art History I: Ancient Art - Renaissance
- ART199 - Art History II - Renaissance Art/Modern
- ART202 - Contemporary Art History
- ENG213 - Literature of Shakespeare
- ENG225 - Major American Writers-American
- ENG226 - Major American Writers-American
- ENG228 - British Literature II (1750-Today)
- ENG231 - Themes in Women's Literature
- HIST101 - Western Civilization to 1500
- HIST102 - Western Civilization -1500 to Present
- HUM195 - Introduction to Humanities
- PSCI100 - Introduction to Political Science
- TH201 - Introduction to Theater History

American Culture- 3 credits

Complete ANY of the following Courses:

- HIST201 - United States to 1877
- HIST202 - U.S. From Reconstruction-Present
- HIST207 - African American History
- HIST211 - Michigan History
- HIST212B - Gettysburg Battlefields
- HIST214 - Siege of Vicksburg-US Civil War
- HIST220 - Labor Studies
- PSCI111 - Introduction to American Government
- PSCI205 - Contemporary Political Issues in US
- PSCI220 - Labor Studies

International Culture- 3 credit

Complete ANY of the following Courses:

- ANTH103 - Cultural Diversity in Contemp. Society
- ANTH110 - Introduction to Cultural Anthropology
- ENG207 - Literature of Race & Ethnicity
- ENG211 - Literature of World Mythology
- ENG218A - Horror, Fantasy, and Science Fiction
- FR101 - Basic French
- FR102 - Basic French
- FR201 - Intermediate French

- FR202 - Intermediate French
- GEOG104 - Cultural Geography
- GEOG105 - World Regional Geography
- GER101 - Basic German
- GER102 - Basic German
- HIST150 - World History to 1500 CE
- HIST151 - World History From 1500 CE
- HIST216 - Introduction to World War II
- PHIL105 - World Religions
- PSCI202 - International Relations
- PSCI210A - Int'l Organizations United Nations
- PSCI210B - International Organizations/Arab League
- PSCI211 - Comparative World Governments
- SPAN101 - Basic Spanish
- SPAN102 - Basic Spanish - Second Semester
- SPAN201 - Intermediate Spanish
- SPAN202 - Intermediate Spanish

Aesthetic Values- 3 credits

Fulfill ANY of the following requirements:

Aesthetic Values

Complete ANY of the following Courses:

- ART100A - Art Appreciation
- ART104 - Drawing I
- ART105B - Two-Dimensional Form and Surface
- ART107 - Painting I
- ART108 - Ceramics I
- ART109 - Sculpture I
- ART117 - Three-Dimensional Form and Space
- ART204B - Drawing II (Transfer Portfolio Prep)
- ART207 - Painting II
- ART208 - Ceramics II
- ART209 - Sculpture II
- ART220 - Figure Drawing
- DNC100 - Modern Dance I
- DNC101 - Modern Jazz Dance I
- DNC102 - Ballet I
- DNC106 - Social Dance I
- DNC200 - Modern Dance II
- DNC201 - Modern Jazz Dance II
- DNC206 - Social Dance II
- DNC210A - Repertory Dance Tour Company
- DNC210B - Repertory Dance Tour Company
- DNC210C - Repertory Dance Tour Group
- DNC210D - Repertory Dance Tour Company
- ENG216 - Introduction to Film
- ENG222 - Creative Writing
- MU100 - Introduction to Music Theory
- MU101 - Music Theory
- MU102 - Music Theory
- MU103A - Music Appreciation
- MU192 - Music for the Classroom Teacher
- MU193A - Hip-Hop, Rock, and All the World's Music
- MU194 - Sight Reading and Ear Training
- MU195 - Sight Reading and Ear Training
- MU201 - Advanced Theory
- MU202 - Advanced Theory
- TH101 - Theater Appreciation
- TH102 - Introduction to Acting I
- TH108 - Theater for Children
- TH121 - Introduction to Technical Theater
- TH122 - Theater Set and Lighting Design
- TH141 - Applied Theater-Acting

- TH142 - Applied Theater-Dance
- TH144 - Applied Theater-Costuming
- TH145 - Applied Theater-Scenery Construction
- TH147 - Applied Theater-Production Crew
- TH148 - Applied Theater-Performance
- TH160 - Acting for TV and Film
- TH202 - Introduction to Acting II
- TH203 - Reader's Theater
- TH204 - Improvisation for Actors
- TH212 - Summer Theater Workshop
- TH217 - Creative Dramatics
- TH260 - Student Production Practicum

OR

Music

Any 100-level or higher Music course except MU-240 and MU-193

Physical Education- 2 credits

Fulfill ANY of the following requirements:

2 credits

Fulfill ALL of the following requirements:

1 credit

Enroll in the following Courses:

- PEA101A - Fitness, Wellness and Nutrition

AND

PEA 1 credit

Any PEA/DNC course

OR

3 credits

Enroll in the following Courses:

- PEA121 - Human Movement Science

Computer Competency

Fulfill ANY of the following requirements:

CIS course

Complete any 3-credit hour or greater CIS class with "C" or better

OR

Competency Test

Pass MCC's CIS110/120A Computer Competency Test

Electives- 15 credits

Choose additional courses from General Education courses listed above, or other courses related to your health science major.

Degree Maps

Degree Maps

Year 1

Fall Semester

ENG101

BIOL152L&L

Math (See Program Requirements for options)

PEA101A

CIS110 or CIS120A

Winter Semester

ENG102

BIOL252L&L

PSYC201

Western Culture

Elective (see Program Requirements for options)

Year 2

Fall Semester

PHIL204

BIOL207A

BIOL207LEC

American Culture

Electives (6 credits- See Program Requirements for options)

Winter Semester

Chemistry

Physical Education

Aesthetic Values

International Culture

Elective

INELE_CERT - Industrial Electricity Certificate

Overview

Department Title

Electricity/Electronics

Program Description

This curriculum is designed to prepare a student for employment as an industrial electrician or an industrial electrical worker. In order to become a licensed electrician students must complete an apprenticeship through an employer. Upon completing this program students will be prepared to work as an electrician, machine maintenance electrician, electrical control panel builder, or electrical machine builder. Students planning to continue with an associate's degree should consult with an MCC counselor

Degree

INELE - Industrial Electricity

Requirements

Simple Requisites

(No Requirement Levels)

Certificate Requirements- 28-30 credits

Type

Completion Requirement

Fulfill ALL of the following requirements:

Complete ALL

Complete ALL of the following Courses:

- ELTC101AL&L - Electricity-Basic
- ELTC103 - Residential Wiring
- ELTC104A - Basic Industrial Robotics
- ELTC150 - Industrial Electricity
- ELTC152 - National Electrical Code
- ELTC160L&L - Programmable Controllers
- ELTC220 - Electrical Troubleshooting
- HP101 - Hydraulics/Pneumatics

— AND —

Complete 1

Complete exactly 1 course(s) and earn 3 - 5 credits from the following:

- TMAT101A - Technical Math I
- TMAT102A - Technical Math II
- TMAT201 - Technical Math III
- MATH109A - College Algebra
- MATH141 - Precalculus

Degree Maps

Degree Maps

Year 1

Fall Semester

[ELTC101AL&L](#)

[ELTC104A](#)

[ELTC150](#)

Winter Semester

[ELTC103](#)

[ELTC160L&L](#)

Summer Semester

[HP101](#)

[ELTC152](#)

Year 2

Fall Semester

[ELTC220](#)

Math

MACH.AAS - Machining Technology-Associate in Applied Science

Overview

Department Title

Machine Tech

Program Description

This curriculum is designed to prepare the student for that highly diversified area engaged in the production of machined objects required for the assembly of the products of modern industry. Successful completion of this program leads to the Associate in Applied Science Degree. (Students may elect only those courses required to develop a particular skill without enrolling in the entire program of study that leads to a degree.) Students who wish to complete a program in two years are advised to use a sequence of courses recommended by their counselor or by the instructor. If a student wishes to attend college on fewer than a full-time basis, the program may be extended beyond two years.

Degree

AAS - Associate in Applied Science

Requirements

Simple Requisites

Program Requirements

Program Requirements- 60 credits

Type

Completion Requirement

General Education Requirements- 15-18 credits

Fulfill ALL of the following requirements:

Complete ALL

Complete ALL of the following Courses:

- ENG101 - English Composition
- HE110 - Industrial Safety and Workplace Training

————— AND —————

Complete 2 courses

Complete exactly 2 course(s) and earn 6 - 8 credits from the following:

- BCOM102 - Adv Business & Technical Communications
- BUS127 - Human Relations
- COM201 - Public Speaking
- CSS100A - College Success Seminar
- ECON101A - Principles of Macroeconomics
- ENG102 - English Composition
- HIST102 - Western Civilization -1500 to Present
- HIST202 - U.S. From Reconstruction-Present
- HUM195 - Introduction to Humanities
- PSCI100 - Introduction to Political Science
- PSYC201 - General Psychology
- SOC101 - Principles of Sociology

————— AND —————

Take TWO (2) TMAT courses or MATH-141

Fulfill ANY of the following requirements:

Option 1

Complete ALL of the following Courses:

- TMAT102A - Technical Math II
- TMAT201 - Technical Math III

————— OR —————

Option 2

Enroll in the following Courses:

- MATH141 - Precalculus

Machining Technology Requirements- 22 credits

Complete ALL of the following Courses:

- MT101B - Basic Machining
- MT102A - Intermediate Machining
- MT103A - Advanced Machining
- MT205A - NC/CNC Numerical Control/Computer
- MT206A - 2-D CAD/CAM Computer-Aided
- MT216 - 3-D CAD/CAM Computer-Aided Design/Mach
- MT218 - 5-Axis CNC & CMM

Required Electives- 20-23 credits

Complete ANY of the following Courses:

- AMT129A - Introduction to Technology
- BUS125 - Supervision
- CAD110 - Introduction to Computer-Aided Drafting
- CAD150 - Blueprint Reading
- CAD151 - Geometric Dimensioning & Tolerancing
- CAD211 - Introduction to Inventor
- CAD250 - Introduction to SolidWorks 3D
- CAD252 - CAD252 Advanced SolidWorks
- CAD255 - Introduction to Siemens Nx
- CAD256 - Special Topics in SolidWorks
- CSS100A - College Success Seminar
- ELTC101AL&L - Electricity-Basic
- ENGR105 - Introduction to Engineering
- HP101 - Hydraulics/Pneumatics
- MATH161 - Calculus I
- MATH162A - Calculus II
- MET101 - Industrial Materials
- MET102 - Basic Cast Metals
- MET201 - Metallurgy
- MT150 - Machinery Handbook
- MT240 - Basic Machine Repair
- PHYS201CL&L - College Physics I Lecture and Lab
- QC101 - Basic Quality Control
- TECH290CI - Cooperative Internship
- TMAT101A - Technical Math I
- W101A - Basic Welding
- W102A - Gas Metal Arc Welding (MIG)
- W103A - Gas Tungsten Arc Welding (TIG)
- W105 - Shielded Metal Arc Welding

Degree Maps

Degree Maps

Year 1

Fall Semester

[MT101B](#)

[ENG101](#)

Choose One (See Program Requirements for options)

[HE110](#)

[MT205A](#)

Winter Semester

[MT102A](#)

[MT206A](#)

[TMAT102](#) or [MATH141](#)

Choose One (See Program Requirements for options)

Electives (3-5 credit- see Program Requirements for options)

Year 2

Fall Semester

[MT103A](#)

[MT216](#)

[TMAT201](#) if [MATH141](#) was not taken

Electives (6-10 credit- see Program Requirements for options)

Winter Semester

[MT218](#)

Electives (6-10 credit- see Program Requirements for options)

MACH_CERT - Machining Technology-Certificate

Overview

Department Title

Machine Tech

Program Description

Machining Technology-Certificate

Degree

MACH - Machining Technology

Requirements

Simple Requisites

<p>Program Requirements</p> <p>Certificate Requirements- 28-30 credits</p> <p>Type Completion Requirement</p> <p>Certificate Requirements</p> <p>Fulfill ALL of the following requirements:</p> <p>Complete ALL</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> • CAD150 - Blueprint Reading • MET101 - Industrial Materials • MT101B - Basic Machining • MT102A - Intermediate Machining • MT103A - Advanced Machining • MT150 - Machinery Handbook • MT205A - NC/CNC Numerical Control/Computer • MT206A - 2-D CAD/CAM Computer-Aided <p style="text-align: center;">AND</p> <p>Complete 1 course</p> <p>Complete exactly 1 course(s) and earn 3 - 5 credits from the following:</p> <ul style="list-style-type: none"> • TMAT102A - Technical Math II • TMAT201 - Technical Math III • MATH141 - Precalculus
--

Degree Maps

Degree Maps

Year 1

Fall Semester

[CAD150](#)

[MT101B](#)

[MT205A](#)

Winter Semester

[MT102A](#)

[MT150](#)

[MT206A](#)

Year 2

Fall Semester

MT103A

Math

MET101

MAMRE_CERT - Manufacturing Machine Repair

Overview

Department Title

Tech Related

Degree

MAMRE - Manufacturing Machine Repair

Requirements

Simple Requisites

Program Requirements

Certificate Requirements- 28-30 credits

Type
Completion Requirement

Certificate Requirements

Fulfill ALL of the following requirements:

Complete ALL

Complete ALL of the following Courses:

- CAD150 - Blueprint Reading
- ELTC101AL&L - Electricity-Basic
- HE110 - Industrial Safety and Workplace Training
- HP101 - Hydraulics/Pneumatics
- HP201 - Advanced Hydraulics
- MT101B - Basic Machining
- MT240 - Basic Machine Repair
- W101A - Basic Welding

————— AND —————

Complete 1 course

Complete exactly 1 course(s) and earn 3 - 5 credits from the following:

- TMAT101A - Technical Math I
- TMAT102A - Technical Math II
- TMAT201 - Technical Math III
- MATH109A - College Algebra
- MATH141 - Precalculus

Degree Maps

Degree Maps

Year 1

Fall Semester

HP101

HE110

MT101B

ELTC101AL&L

CAD150

MANUF_CERT - Manufacturing Automation Certificate

Overview

Department Title

Tech Related

Program Description

Manufacturing Automation Certificate

Degree

MANUF - Manufacturing Automation

Requirements

Simple Requisites

Program Requirements

Certificate Requirements- 31-34 credits

Type

Completion Requirement

Required Courses

Fulfill ALL of the following requirements:

Required Courses

Complete ALL of the following Courses:

- CAD110 - Introduction to Computer-Aided Drafting
- ELTC101AL&L - Electricity-Basic
- ELTC104A - Basic Industrial Robotics
- ELTC150 - Industrial Electricity

AND

Required Math

Complete exactly 1 course(s) and earn 3 - 5 credits from the following:

- TMAT101A - Technical Math I
- TMAT102A - Technical Math II
- TMAT201 - Technical Math III
- MATH109A - College Algebra
- MATH141 - Precalculus

Choose Option 1, 2, or 3

Fulfill ANY of the following requirements:

Option 1

Complete ALL of the following Courses:

- ELTC160L&L - Programmable Controllers
- ELTC201 - Non-Linear Electronics
- ELTC202 - Controls for Automation
- ELTC230 - Advanced PLC and Automation

OR

Option 2

Fulfill ALL of the following requirements:

Complete ALL

Complete ALL of the following Courses:

- MT101B - Basic Machining
- MT205A - NC/CNC Numerical Control/Computer
- MT206A - 2-D CAD/CAM Computer-Aided
- MT216 - 3-D CAD/CAM Computer-Aided Design/Mach

AND

Complete 1 course

Complete exactly 1 course(s) and earn exactly 3 credits from the following:

- CAD250 - Introduction to SolidWorks 3D
- CAD211 - Introduction to Inventor

OR

Option 3

Complete ALL of the following Courses:

- W101A - Basic Welding
- W102A - Gas Metal Arc Welding (MIG)
- W103A - Gas Tungsten Arc Welding (TIG)
- HP101 - Hydraulics/Pneumatics
- HP201 - Advanced Hydraulics

Degree Maps

Degree Maps

Option 1: PLC Track

Year 1

Fall Semester

[ELTC101AL&L](#)

[ELTC150](#)

Winter Semester

[ELTC160L&L](#)

[ELTC201](#)

[CAD110](#)

Summer Semester

[ELTC104A](#)

Year 2

Fall Semester

[ELTC202](#)

Math (See Requirements for options)

Winter Semester

[ELTC230](#)

Option 2: CNC Track

Year 1

Fall Semester

[ELTC101AL&L](#)

[CAD110](#)

[MT101B](#)

[MT205A](#)

Winter Semester

[ELTC104A](#)
[ELTC150](#)
[MT206A](#)
[CAD211](#) or [CAD250](#)

Year 2

Fall Semester

Math (See Requirements for options)
[MT216](#)

Option 3: Welding Track

Year 1

Fall Semester

[ELTC101AL&L](#)
[ELTC150](#)
[W101A](#)
[W102A](#)
[HP101](#)

Winter Semester

Math (See Requirements for options)
[CAD110](#)
[ELTC104A](#)
[W103A](#)
[HP201](#)

MATEC.AAS - Manufacturing Technology AAS

Overview

Department Title

Tech Related

Program Description

This curriculum is designed to educate and train personnel to fill supervisory and technical positions related to manufacturing technology.

Degree

AAS - Associate in Applied Science

Requirements

Simple Requisites

Program Requirements

Program Requirements- 60 credits

Type

Completion Requirement

General Education Requirements- 15-18 credits

Fulfill ALL of the following requirements:

Complete ALL

Complete ALL of the following Courses:

- [ENG101](#) - English Composition

AND

Complete 4 courses

Complete exactly 4 course(s) and earn 12 - 15 credits from the following:

- [BUS127](#) - Human Relations
- [BCOM102](#) - Adv Business & Technical Communications
- [COM201](#) - Public Speaking
- [CSS100A](#) - College Success Seminar
- [ENG102](#) - English Composition
- [ECON101A](#) - Principles of Macroeconomics
- [HIST102](#) - Western Civilization -1500 to Present
- [HIST202](#) - U.S. From Reconstruction-Present
- [HUM195](#) - Introduction to Humanities
- [MATH109A](#) - College Algebra
- [MATH141](#) - Precalculus
- [PSCI100](#) - Introduction to Political Science
- [PSYC201](#) - General Psychology
- [SOC101](#) - Principles of Sociology
- [TMAT101A](#) - Technical Math I
- [TMAT102A](#) - Technical Math II
- [TMAT201](#) - Technical Math III

Technical-Related Requirements- 14 credits

Complete ALL of the following Courses:

- [CAD110](#) - Introduction to Computer-Aided Drafting
- [ELTC101AL&L](#) - Electricity-Basic
- [MT101B](#) - Basic Machining
- [W101A](#) - Basic Welding

Required Electives- 28-31 credits

Complete ANY of the following Courses:

- AMT129A - Introduction to Technology
- BUS125 - Supervision
- BUS166 - Quality Customer Service
- CAD150 - Blueprint Reading
- CAD211 - Introduction to Inventor
- CAD250 - Introduction to SolidWorks 3D
- CAD255 - Introduction to Siemens Nx
- CAD252 - CAD252 Advanced SolidWorks
- CAD256 - Special Topics in SolidWorks
- CIS101EW - Intro to Electronic Spreadsheets
- CIS119PP - Introduction to Presentation Graphics
- COM101 - Oral Communications
- CSS100A - College Success Seminar
- ELTC104A - Basic Industrial Robotics
- ELTC150 - Industrial Electricity
- ELTC160L&L - Programmable Controllers
- ENGR105 - Introduction to Engineering
- HE110 - Industrial Safety and Workplace Training
- HP101 - Hydraulics/Pneumatics
- HP201 - Advanced Hydraulics
- MATH161 - Calculus I
- MATH162A - Calculus II
- MET101 - Industrial Materials
- MET102 - Basic Cast Metals
- MET201 - Metallurgy
- MT102A - Intermediate Machining
- MT103A - Advanced Machining
- MT150 - Machinery Handbook
- MT205A - NC/CNC Numerical Control/Computer
- MT206A - 2-D CAD/CAM Computer-Aided
- MT216 - 3-D CAD/CAM Computer-Aided Design/Mach
- MT218 - 5-Axis CNC & CMM
- QC101 - Basic Quality Control
- TECH290CI - Cooperative Internship
- W102A - Gas Metal Arc Welding (MIG)
- W103A - Gas Tungsten Arc Welding (TIG)
- W105 - Shielded Metal Arc Welding

Winter Semester

Choose 1 (See Program Requirements for options)

4 Electives (10-16 credits- see Program Requirements for options)

Degree Maps

Degree Maps

Year 1

Fall Semester

Choose 1 (See Program Requirements for options)

[ENG101](#)

[CAD110](#)

[ELTC101AL&L](#)

[MT101B](#)

Winter Semester

Choose 1 (See Program Requirements for options)

[W101A](#)

2 Electives (6-8 credits- see Program Requirements for options)

Year 2

Fall Semester

Choose 1 (See Program Requirements for options)

3 Electives (9-12 credits- see Program Requirements for options)

MATEC_CERT - Manufacturing Technology Certificate

Overview

Department Title

Tech Related

Program Description

This curriculum is designed to educate and train personnel to fill supervisory and technical positions related in the manufacturing industry. Student will learn and apply manufacturing principles using industry leading technology. The program will emphasize process management, quality control, and skilled trades. Upon completing this program students will be prepared to work as a manufacturing technician, automation technician, production technician, or an advance manufacturing associate. Students planning to transfer should consult with an MCC counselor.

Degree

MATEC - Manufacturing Technology

Degree Maps

Degree Maps

Year 1

Fall Semester

[AMT129A](#)

[CAD150](#)

[HE110](#)

[HP101](#)

[ELTC101AL&L](#)

Winter Semester

[QC101](#)

[MT101B](#)

[MET101](#)

[W101A](#)

Math

Requirements

Simple Requisites

Program Requirements

Certificate Requirements- 30-32 credits

Type

Completion Requirement

Certificate Requirements

Fulfill ALL of the following requirements:

Complete ALL

Complete ALL of the following Courses:

- [AMT129A](#) - Introduction to Technology
- [CAD150](#) - Blueprint Reading
- [HE110](#) - Industrial Safety and Workplace Training
- [HP101](#) - Hydraulics/Pneumatics
- [ELTC101AL&L](#) - Electricity-Basic
- [MET101](#) - Industrial Materials
- [MT101B](#) - Basic Machining
- [QC101](#) - Basic Quality Control
- [W101A](#) - Basic Welding

AND

Complete 1 course

Complete exactly 1 course(s) and earn 3 - 5 credits from the following:

- [TMAT101A](#) - Technical Math I
- [TMAT102A](#) - Technical Math II
- [TMAT201](#) - Technical Math III
- [MATH109A](#) - College Algebra
- [MATH141](#) - Precalculus

MEDAS_CERT - Medical Assistant Certificate Program

Overview

Department Title

Medical Assistant

Program Description

The Medical Assistant Certificate Program prepares graduates to perform administrative and clinical duties under the direction of the physician. Administrative duties may include scheduling appointments, maintaining medical records, and billing and coding information for insurance purposes. Clinical duties may include taking and recording vital signs and medical histories, preparing patients for examination, drawing blood, and administering medications as directed by physicians.

The goal of the Medical Assistant Program is to prepare medical assistants who are competent in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains to enter the profession. All Medical Assistant (MA) courses must be passed with a minimum grade of C+ (77%) or better. In addition, students must successfully pass 100% of the psychomotor and affective competences in order to pass the course and/ or progress in the program. A student who passes 100% of the psychomotor and affective competencies in a Medical Assistant course will receive the letter grade received in the theory component of the course as a course grade. Students should review the MCC Student Handbook, MCC Medical Assistant website, and Medical Assistant Program Handbook for admission requirements, course progression, grade requirements, and additional information. Students must complete a 160-hour unpaid, supervised practicum (MA110) in order to receive credit for the course

The Muskegon Community College Medical Assistant Program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) upon the recommendation of the Medical Assisting Education Review Board (MAERB).

Note: The Medical Assistant Certificate flows directly into the Associate in Science and Arts degree.

Degree

MEDAS - Medical Assistant

Requirements

Simple Requisites

Program Requirements

Certificate Requirements- 32-36 credits

Type
Completion Requirement

Complete ALL

Complete ALL of the following Courses:

- AH101 - Medical Terminology
- AH196 - Electronic Health Records
- MA101A - Medical Assistant Administrative I
- MA102ALEC - Medical Assistant Clinical Lecture 1
AND MA102LAB - Medical Assistant Clinical Lab I
- MA105A - Medical Assistant Administrative II
- MA106ALEC - Medical Assistant Clinical Lecture II
AND MA106LAB - Medical Assistant Clinical Lab II
- MA108 - Medical Assistant Pharmacology

- MA110 - Medical Assistant Seminar/Practicum

MA courses must be completed with a C+ (77%) or higher

Non-MA courses must be completed with a C or higher

Degree Maps

Degree Maps

Year 1

First Semester

[AH101 Medical Terminology](#)

[MA101A Medical Assistant Admin I](#)

MA102Lec

MA102Lab

Second Semester

MA105A

MA106Lec

MA106Lab

MA108

Third Semester

AH196

MA110

MEGPW.AS - Mechanical Engineering Pathway Associate in Science

Overview

Department Title

Mathematics

Program Description

The MiTransfer Pathway Associate in Science (AS) degree includes the Michigan Transfer Agreement (MTA) and is designed for students who plan to transfer to a four-year college or university and major in a particular discipline. The core courses will help you develop your understanding of abstract mathematics, introductory physics and engineering, and other related disciplines.

Degree

AS - Associate in Science

Requirements

Simple Requisites

Program Requirements

Program Requirements- 62 credits

Type

Completion Requirement

Communication- 6 credits

Fulfill ALL of the following requirements:

ENG-101

Enroll in the following Courses:

- ENG101 - English Composition

AND

One course from:

Complete ANY of the following Courses:

- ENG102 - English Composition
- COM101 - Oral Communications
- COM107 - Introduction to Journalism

Science- 15 credits

Complete ALL of the following Courses:

- CHEM101A - General and Inorganic Chemistry Lab
- CHEM101LEC - General and Inorganic Chemistry Lecture
- PHYS203L&L - Engineering Physics Lecture & Lab
- PHYS204L&L - Engineering Physics Lecture & Lab

Math- 16 credits

Complete ALL of the following Courses:

- MATH161 - Calculus I
- MATH162A - Calculus II
- MATH283 - Calculus III
- MATH295 - Differential Equations w/Linear Algebra

Engineering Requirements- 6 credits

Complete ALL of the following Courses:

- ENGR202 - Statics
- ENGR204 - Engineering Dynamics

Social Science- 2 courses from two or more disciplines/subjects

Complete at least 2 of the following courses:

- ANTH103 - Cultural Diversity in Contemp. Society
- ANTH110 - Introduction to Cultural Anthropology
- ECON101A - Principles of Macroeconomics
- ECON102A - Principles of Microeconomics
- GEOG104 - Cultural Geography
- GEOG105 - World Regional Geography
- HIST201 - United States to 1877
- HIST202 - U.S. From Reconstruction-Present
- HIST207 - African American History
- HIST211 - Michigan History
- HIST220 - Labor Studies
- PSCI111 - Introduction to American Government
- PSCI202 - International Relations
- PSCI205 - Contemporary Political Issues in US
- PSCI211 - Comparative World Governments
- PSCI220 - Labor Studies
- PSYC102 - Applied Psychology
- PSYC201 - General Psychology
- PSYC203 - Abnormal Psychology
- PSYC209 - Psychological Disorders of Childhood
- PSYC207 - Life Span Development
- PSYC210 - Social Psychology
- SOC101 - Principles of Sociology
- SOC102A - Race, Ethnicity, & Immigration
- SOC202A - Modern Social Problems
- SOC203 - Introduction to Social Work
- SOC205 - Marriage and Family
- SOC206 - Introduction to Aging
- WGS101 - Intro to Women's & Gender Studies
- WGS201 - LGBTQ Studies

Humanities and Fine Arts- 2 courses from 2 disciplines/subjects. All Foreign Languages count as one subject.

Complete at least 2 of the following courses:

- ART100A - Art Appreciation
- ART198 - Art History I: Ancient Art - Renaissance
- ART199 - Art History II - Renaissance Art/Modern
- ART202 - Contemporary Art History
- ENG207 - Literature of Race & Ethnicity
- ENG211 - Literature of World Mythology
- ENG213 - Literature of Shakespeare
- ENG216 - Introduction to Film
- ENG225 - Major American Writers-American
- ENG226 - Major American Writers-American
- ENG228 - British Literature II (1750-Today)
- ENG231 - Themes in Women's Literature
- FR101 - Basic French
- FR102 - Basic French
- FR201 - Intermediate French
- FR202 - Intermediate French
- GER101 - Basic German
- GER102 - Basic German
- SPAN101 - Basic Spanish
- SPAN102 - Basic Spanish - Second Semester
- SPAN201 - Intermediate Spanish
- SPAN202 - Intermediate Spanish
- HIST101 - Western Civilization to 1500
- HIST102 - Western Civilization -1500 to Present

- HIST150 - World History to 1500 CE
- HIST151 - World History From 1500 CE
- HIST216 - Introduction to World War II
- HUM195 - Introduction to Humanities
- MU100 - Introduction to Music Theory
- MU101 - Music Theory
- MU102 - Music Theory
- MU103A - Music Appreciation
- MU192 - Music for the Classroom Teacher
- MU193A - Hip-Hop, Rock, and All the World's Music
- MU194 - Sight Reading and Ear Training
- MU195 - Sight Reading and Ear Training
- MU201 - Advanced Theory
- MU202 - Advanced Theory
- PHIL101 - Basic Concepts of Philosophy
- PHIL102 - Principles of Logic
- PHIL104 - Symbolic Logic
- PHIL105 - World Religions
- PHIL202 - Introduction to Ethics
- PHIL203 - Philosophy of Religion
- PHIL204 - Biomedical Ethics
- PHIL205 - Business Ethics
- PHIL207 - Environmental Ethics
- TH101 - Theater Appreciation
- TH102 - Introduction to Acting I
- TH108 - Theater for Children
- TH121 - Introduction to Technical Theater
- TH122 - Theater Set and Lighting Design
- TH160 - Acting for TV and Film
- TH201 - Introduction to Theater History
- TH202 - Introduction to Acting II
- TH204 - Improvisation for Actors
- TH217 - Creative Dramatics

Electives- Minimum 7 credits

Winter Semester

MATH283

MATH295

ENGR204

Electives (2 credits)

Degree Maps

Degree Maps

Year 1

Fall Semester

ENG101

MATH161

CHEM101LEC

CHEM101A

Social Science

Electives

Winter Semester

English (see Program Requirements for options)

MATH162A

PHYS203L&L

Humanities and Arts

Electives

Year 2

Fall Semester

PHYS204L&L

ENGR202

Social Science

Humanities and Arts

Electives

MGMT.AAS - Management-Associate in Applied Science

Overview

Department Title

Business

Program Description

The following program is not designed for the student wishing to transfer to a four-year institution. Any student desiring to pursue a transfer program in business should consult with a counselor. The Management Program focuses on Management Development and Supervision. The program is designed to develop knowledge, attitudes, experience, and leadership skills, which will enable graduates to function in positions as supervisors or managers in business and industry.

Degree

AAS - Associate in Applied Science

Requirements

Simple Requisites

<p>Program Requirements</p> <p>Program Requirements- 60 credits</p> <p>Type Completion Requirement</p> <p>General Education Requirements- 18-20 credits</p> <p>Fulfill ALL of the following requirements:</p> <p>Complete ALL</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> ENG101 - English Composition BCOM102 - Adv Business & Technical Communications BUS127 - Human Relations <p style="text-align: center;">————— AND —————</p> <p>Complete 1 course</p> <p>Complete exactly 1 course(s) and earn 3 - 4 credits from the following:</p> <ul style="list-style-type: none"> BUS126 - Business Mathematics MATH109A - College Algebra MATH115A - Probability and Statistics <p style="text-align: center;">————— AND —————</p> <p>Complete 1 course</p> <p>Complete exactly 1 course(s) and earn exactly 3 credits from the following:</p> <ul style="list-style-type: none"> CIS110 - Computer Concepts CIS120A - Intro to Computer Information Systems <p style="text-align: center;">————— AND —————</p> <p>Complete 1 course</p> <p>Complete exactly 1 course(s) and earn 3 - 4 credits from the following:</p> <ul style="list-style-type: none"> GEOG104 - Cultural Geography
--

- PHIL205 - Business Ethics
- PSCI111 - Introduction to American Government
- PSCI211 - Comparative World Governments
- PSYC102 - Applied Psychology
- PSYC201 - General Psychology

Business Core Requirements- 11 credits

Complete ALL of the following Courses:

- ACC201 - Principles of Accounting I
- BUS121 - Introduction to Business
- ECON102A - Principles of Microeconomics

Career Program Requirements- 31 credits

Complete ALL of the following Courses:

- BUS122 - Principles of Management
- BUS123 - Business Law I
- BUS125 - Supervision
- BUS166 - Quality Customer Service
- BUS167 - Professionalism in Your Career
- BUS222 - Fundamentals of Organizational Behavior
- BUS273A - Human Resource Management
- BUS108 - Introduction to Project Management
- BUS262 - Social Media
- BUS266 - Quality Customer Service II
- BUS161A - Effective Selling

Degree Maps

Degree Maps

Year 1

Fall Semester

- [BUS166](#)
- [BUS121](#)
- [ENG101](#)
- [CIS110](#) or [CIS120A](#)
- [ECON102A](#)

Winter Semester

- [BUS122](#)
- [BUS123](#)
- [BUS127](#)
- [BCOM102](#)
- [BUS126](#), or [MATH109A](#), or [MATH115A](#)
- [BUS167](#)

Year 2

Fall Semester

- [ACC201](#)
 - [BUS125](#)
 - [BUS161A](#)
- Choose One (See Program Requirements for options)

Winter Semester

- [BUS108](#)
- [BUS222](#)
- [BUS262](#)
- [BUS266](#)
- [BUS273A](#)

MKTG.AAS - Marketing-Associate in Applied Science

Overview

Department Title

Business

Program Description

The following program is not designed for the student wishing to transfer to a four-year institution. Any student desiring to pursue a transfer program in business should consult with a counselor. The Marketing Program focusing on marketing applications and supervision. The Marketing program is a two-year curriculum designed to develop knowledge, attitudes, experience, and leadership skills, which will enable graduates to function in marketing positions.

Degree

AAS - Associate in Applied Science

Requirements

Simple Requisites

<p>Program Requirements</p> <p>Program Requirements- 60 credits</p> <p>Type Completion Requirement</p> <p>General Education Requirements- 18-20 credits</p> <p>Fulfill ALL of the following requirements:</p> <p>Complete ALL</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> ENG101 - English Composition BCOM102 - Adv Business & Technical Communications BUS127 - Human Relations <p style="text-align: center;">————— AND —————</p> <p>Complete 1 course</p> <p>Complete exactly 1 course(s) and earn 3 - 4 credits from the following:</p> <ul style="list-style-type: none"> BUS126 - Business Mathematics MATH109A - College Algebra MATH115A - Probability and Statistics <p style="text-align: center;">————— AND —————</p> <p>Complete 1 course</p> <p>Complete exactly 1 course(s) and earn exactly 3 credits from the following:</p> <ul style="list-style-type: none"> CIS110 - Computer Concepts CIS120A - Intro to Computer Information Systems <p style="text-align: center;">————— AND —————</p> <p>Complete 1 course</p> <p>Complete exactly 1 course(s) and earn 3 - 4 credits from the following:</p> <ul style="list-style-type: none"> GEOG104 - Cultural Geography
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- PHIL205 - Business Ethics
- PSCI111 - Introduction to American Government
- PSCI211 - Comparative World Governments
- PSYC102 - Applied Psychology
- PSYC201 - General Psychology

Business Core Requirements- 11 credits

Complete ALL of the following Courses:

- ACC201 - Principles of Accounting I
- BUS121 - Introduction to Business
- ECON102A - Principles of Microeconomics

Career Program Requirements- 31 credits

Complete ALL of the following Courses:

- BUS123 - Business Law I
- BUS161A - Effective Selling
- BUS162 - Principles of Retailing
- BUS166 - Quality Customer Service
- BUS167 - Professionalism in Your Career
- BUS204 - eMarketing
- BUS220 - E-Business
- BUS260 - Principles of Marketing
- BUS262 - Social Media
- BUS263 - Advertising Dynamics
- COM201 - Public Speaking

Degree Maps

Degree Maps

Year 1

Fall Semester

- [BUS166](#)
- [BUS121](#)
- [ENG101](#)
- [CIS110](#) or [CIS120A](#)
- [BUS127](#)

Winter Semester

- [BUS123](#)
- [BUS260](#)
- [BUS161A](#)
- [BCOM102](#)
- [BUS126](#), or [MATH109A](#), or [MATH115A](#)

Year 2

Fall Semester

- [BUS263](#)
- [BUS220](#)
- [BUS167](#)
- [ECON102A](#)
- [ACC201](#)

Winter Semester

- Social Science
- [BUS204](#)
- [BUS262](#)
- [BUS162](#)
- [COM201](#)

MTA_AGREE - Michigan Transfer Agreement

Overview

Department Title

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Program Description

The Michigan Transfer Agreement effective as of fall 2014. The following courses may be taken at Muskegon Community College to fulfill the basic general education requirements at four-year colleges that participate in the Michigan Transfer Agreement (MTA). A grade of "C" or better is required in each course used to fulfill requirements of the Agreement. A minimum of one credit hour must be completed at Muskegon Community College. This list reflects only current classes; the Registrar's Office maintains a historical listing of courses that are accepted as part of the Michigan Transfer Agreement.

Note: This is not a degree, rather an agreement and is not eligible for financial aid.

Degree

MTA - Michigan Transfer Agreement

Requirements

Simple Requisites

Program Requirements

Program Requirements- 30 credits

Type

Completion Requirement

English/Communication- 2 courses

Fulfill ALL of the following requirements:

English 101

Enroll in the following Courses:

- ENG101 - English Composition

————— AND —————

English/Communications

Complete ANY of the following Courses:

- ENG102 - English Composition
- COM101 - Oral Communications
- COM107 - Introduction to Journalism
- COM201 - Public Speaking

Natural Science- 2 courses- must be in TWO or more disciplines/subjects. Must include at least one lab course.

Fulfill ALL of the following requirements:

Lab Classes:

Fulfill ANY of the following requirements:

Biology Lab

Biology- Any MCC Biology course with a lab

————— OR —————

Chemistry Lab

Chemistry- Any MCC Chemistry course with a lab

————— OR —————

Other Lab Options

Complete ANY of the following Courses:

- ENV110L&L - Environmental Science
- GEOG101A - Physical Geography - Lecture and Lab
- GEOG215 - Introduction to Weather and Climate
- GEOL101A - Introduction to Physical Geology
- GEOL102 - Introduction to Earth History
- PHSC101A - Introductory Physical Science L&L
- PHYS201CL&L - College Physics I Lecture and Lab
- PHYS202CL&L - Principles of Physics Lecture & Lab
- PHYS203L&L - Engineering Physics Lecture & Lab
- PHYS204L&L - Engineering Physics Lecture & Lab

————— AND —————

Non-Lab:

Complete ANY of the following Courses:

- ANTH105D - Intro to Phys Anthropology/Archaeology
- ASTR101 - General Astronomy
- ASTR105A - Cosmology
- BIOL115 - Intro to Anatomy and Physiology
- BIOL200 - Introductory Evolution
- BIOL207LEC - Microbiology Lecture
- GEOG214 - Science of Climate Change
- GEOG260 - Geoscience Field Experience
- GEOL100 - Natural Disasters
- OCE101 - Introduction to Oceanography

Math- 1 course

Complete ANY of the following Courses:

- MATH107A - Mathematics for Liberal Arts
- MATH109A - College Algebra
- MATH115A - Probability and Statistics
- MATH141 - Precalculus
- MATH161 - Calculus I
- MATH162A - Calculus II
- MATH215A - Statistics for Science & Engineering
- MATH276 - Linear Algebra With Applications
- MATH283 - Calculus III
- MATH295 - Differential Equations w/Linear Algebra

Social Science- 2 courses- must be in TWO or more disciplines/subjects.

Complete exactly 2 course(s) and earn credits from the following:

- ANTH103 - Cultural Diversity in Contemp. Society
- ANTH110 - Introduction to Cultural Anthropology
- ECON101A - Principles of Macroeconomics
- ECON102A - Principles of Microeconomics
- GEOG104 - Cultural Geography
- GEOG105 - World Regional Geography
- HIST201 - United States to 1877
- HIST202 - U.S. From Reconstruction-Present
- HIST207 - African American History
- HIST211 - Michigan History
- HIST212B - Gettysburg Battlefields

- HIST214 - Siege of Vicksburg-US Civil War
- HIST220 - Labor Studies
- PSCI100 - Introduction to Political Science
- PSCI111 - Introduction to American Government
- PSCI202 - International Relations
- PSCI205 - Contemporary Political Issues in US
- PSCI210A - Int'l Organizations United Nations
- PSCI210B - International Organizations/Arab League
- PSCI211 - Comparative World Governments
- PSCI220 - Labor Studies
- PSYC102 - Applied Psychology
- PSYC201 - General Psychology
- PSYC203 - Abnormal Psychology
- PSYC207 - Life Span Development
- PSYC209 - Psychological Disorders of Childhood
- PSYC210 - Social Psychology
- SOC101 - Principles of Sociology
- SOC102A - Race, Ethnicity, & Immigration
- SOC202A - Modern Social Problems
- SOC203 - Introduction to Social Work
- SOC205 - Marriage and Family
- SOC206 - Introduction to Aging
- WGS101 - Intro to Women's & Gender Studies
- WGS201 - LGBTQ Studies

Humanities and Fine Arts- 2 courses- must be in TWO or more disciplines/ subjects. All Foreign Languages count as one subject.

Complete exactly 2 course(s) and earn credits from the following:

- ART100A - Art Appreciation
- ART198 - Art History I: Ancient Art - Renaissance
- ART199 - Art History II - Renaissance Art/Modern
- ART202 - Contemporary Art History
- ENG207 - Literature of Race & Ethnicity
- ENG211 - Literature of World Mythology
- ENG213 - Literature of Shakespeare
- ENG216 - Introduction to Film
- ENG218A - Horror, Fantasy, and Science Fiction
- ENG220 - Graphic Novels
- ENG222 - Creative Writing
- ENG225 - Major American Writers-American
- ENG226 - Major American Writers-American
- ENG228 - British Literature II (1750-Today)
- ENG231 - Themes in Women's Literature
- FR101 - Basic French
- FR102 - Basic French
- FR201 - Intermediate French
- FR202 - Intermediate French
- GER101 - Basic German
- GER102 - Basic German
- SPAN101 - Basic Spanish
- SPAN102 - Basic Spanish - Second Semester
- SPAN201 - Intermediate Spanish
- SPAN202 - Intermediate Spanish
- HIST101 - Western Civilization to 1500
- HIST102 - Western Civilization -1500 to Present
- HIST150 - World History to 1500 CE
- HIST151 - World History From 1500 CE
- HIST216 - Introduction to World War II
- HUM195 - Introduction to Humanities
- MU100 - Introduction to Music Theory
- MU101 - Music Theory
- MU102 - Music Theory
- MU103A - Music Appreciation
- MU192 - Music for the Classroom Teacher

- MU193A - Hip-Hop, Rock, and All the World's Music
- MU194 - Sight Reading and Ear Training
- MU195 - Sight Reading and Ear Training
- MU201 - Advanced Theory
- MU202 - Advanced Theory
- PHIL101 - Basic Concepts of Philosophy
- PHIL102 - Principles of Logic
- PHIL104 - Symbolic Logic
- PHIL105 - World Religions
- PHIL202 - Introduction to Ethics
- PHIL203 - Philosophy of Religion
- PHIL204 - Biomedical Ethics
- PHIL205 - Business Ethics
- PHIL207 - Environmental Ethics
- TH101 - Theater Appreciation
- TH102 - Introduction to Acting I
- TH108 - Theater for Children
- TH121 - Introduction to Technical Theater
- TH122 - Theater Set and Lighting Design
- TH160 - Acting for TV and Film
- TH201 - Introduction to Theater History
- TH202 - Introduction to Acting II
- TH217 - Creative Dramatics

Degree Maps

Degree Maps

This is not a degree. This is an agreement with institutions within Michigan.

NURS.AAS - Nursing-Associate in Applied Science

Overview

Department Title

Nursing

Program Description

Students who successfully complete the Associate in Applied Science Nursing (AAS) degree will be eligible to write the National Council Licensure Examination for Registered Nurses (NCLEX-RN) to practice as a Registered Nurse (RN).

Degree

AAS - Associate in Applied Science

Requirements

Simple Requisites

Program Requirements

Program Requirements- 65 credits

Type

Completion Requirement

Term 1

Complete ALL of the following Courses:

- NUR100 - Overview of the Nursing Profession
- AH111 - Environmental Stressors and Nutrition
- BIOL152L&L - Human Anatomy
- ANTH103 - Cultural Diversity in Contemp. Society
- ENG101 - English Composition

Term 2

Complete ALL of the following Courses:

- NUR121A - Basic Pharmacology
- PSYC201 - General Psychology
- NUR126A - Family Health & Nursing Care

Term 3

Complete ALL of the following Courses:

- NUR131B - Care of the Childrearing Family
- BIOL252L&L - Human Physiology

Term 4

Fulfill ALL of the following requirements:

NUR-141B

Complete ALL of the following Courses:

- NUR141B - Care of the Maturing Family

AND

Fulfill ANY of the following requirements:

Option 1

Enroll in the following Courses:

- CHEM109A - Chemistry for Health Science Lab

- CHEM109LEC - Chemistry for Health Science

OR

Option 2

Enroll in the following Courses:

- CHEM100A - Chemistry Fundamentals Lab
- CHEM100LEC - Chemistry Fundamentals - Lecture

OR

Option 3

Complete 1 year of chemistry with a C (2.0) or better from an approved high school within the past 8 years.

OR

Option 4

Pass the Toledo Chemistry Competency Examination in the MCC Testing Center with a "C" (70%) or higher.

Term 5

Complete ALL of the following Courses:

- NUR212B - Care of the Family in Physiol. Crisis
- BIOL207A - Microbiology Lab
- BIOL207LEC - Microbiology Lecture

Term 6

Complete ALL of the following Courses:

- NUR222A - Managing Care of the Family
- NUR211A - Care of Family-Psycho Crisis

Degree Maps

Degree Maps

Term 1

ENG101
AH111
NUR100
ANTH103
BIOL152L&L

Term 2

PSYC201
NUR121A
NUR126A

Term 3

BIOL252L&L
NUR131B

Term 4

Meet Chemistry Competency
NUR141B

Term 5

[BIOL207LEC](#)

[BIOL207A](#)

[NUR212B](#)

Term 6

[NUR211A](#)

[NUR222A](#)

NURS_DIPL - Nursing-Diploma

Overview

Department Title

Nursing

Program Description

Students who successfully complete the Practical Nurse Diploma will be eligible to write the National Council Licensure Examination for Practical Nurses (NCLEX-PN) to practice as a Licensed Practical Nurse (LPN). The Practical Nurse Diploma flows directly into the Associate of Applied Science Nursing Degree.

Degree

NURS - Practical Nursing

Requirements

Simple Requisites

Program Requirements
Program Requirements- 40 credits
Type Completion Requirement
Term 1 Complete ALL of the following Courses: <ul style="list-style-type: none">• NUR100 - Overview of the Nursing Profession• AH111 - Environmental Stressors and Nutrition• BIOL152L&L - Human Anatomy• ANTH103 - Cultural Diversity in Contemp. Society• ENG101 - English Composition
Term 2 Complete ALL of the following Courses: <ul style="list-style-type: none">• PSYC201 - General Psychology• NUR121A - Basic Pharmacology• NUR126A - Family Health & Nursing Care
Term 3 Complete ALL of the following Courses: <ul style="list-style-type: none">• NUR131B - Care of the Childrearing Family
Term 4 Complete ALL of the following Courses: <ul style="list-style-type: none">• NUR141B - Care of the Maturing Family

Degree Maps

Degree Maps

Term 1

[ENG101](#)

[ANTH103](#)

[BIOL152L&L](#)

[AH111](#)

[NUR100](#)

Term 2

[PSYC201](#)
[NUR121A](#)
[NUR126A](#)

Term 3

[NUR131B](#)

Term 4

[NUR141B](#)

NURS_PRE - Pre-Nursing

Overview

Department Title

Nursing

Program Description

Pre-Nursing

Requirements

No Requirements

OFASS_CERT - Office Assistant-Certificate

Overview

Department Title

Business

Program Description

This certificate is designed to provide training and practice in basic office skills. This certificate will flow directly into the Administrative Assistant, AAS.

Degree

OFASS - Office Assistant

Requirements

Simple Requisites

Program Requirements

Certificate Requirements- 30 credits

Type

Completion Requirement

Complete ALL

Complete ALL of the following Courses:

- [ENG101](#) - English Composition
- [BUS167](#) - Professionalism in Your Career
- [BUS179](#) - Keyboarding
- [CIS119PP](#) - Introduction to Presentation Graphics
- [CIS120A](#) - Intro to Computer Information Systems
- [BCOM102](#) - Adv Business & Technical Communications
- [BUS180D](#) - Introduction to Word Processing-Part I
- [BUS181C](#) - Office Procedures I-Document Formatting
- [CIS101EW](#) - Intro to Electronic Spreadsheets
- [CIS102EW](#) - Intermediate Electronic Spreadsheets
- [CIS153A](#) - Introduction to Data Base Management
- [BUS182C](#) - Office Procedures II-Document Production
- [BUS280C](#) - Word Processing - Part II

Degree Maps

Degree Maps

Year 1

Fall Semester

[ENG101](#)
[CIS120A](#)
[BUS179](#)

Winter Semester

[BCOM102](#)
[BUS180D](#)
[BUS181C](#)
[CIS153A](#)
[CIS101EW](#)
[CIS102EW](#)

Summer Semester

- [BUS182C](#)
- [BUS280C](#)
- [CIS119PP](#)
- [BUS167](#)

PHEPW.ASA - Public Health Pathway Associate in Science and Arts

Overview

Department Title

Health Sciences Dept

Program Description

Students who receive this degree will transfer to a four-year and usually work towards a degree in Public Health, Public Health Education, and Health and Human Services. Health educators and community health workers work in a variety of settings, including hospitals, nonprofit organizations, government, doctors' offices, private businesses, and colleges.

Degree

ASA - Associate in Science and Arts

Requirements

Simple Requisites

<p>Program Requirements</p> <p>Program Requirements- 62 credits</p> <p>Type Completion Requirement</p> <p>Communication- 6 credits</p> <p>Enroll in the following Courses:</p> <ul style="list-style-type: none">• ENG101 - English Composition• ENG102 - English Composition <p>Science- 6 credits in 2 or more disciplines/subjects- 1 lab course</p> <p>Fulfill ANY of the following requirements:</p> <p>Biology</p> <p>Any MCC Biology course with a lab</p> <p>————— OR —————</p> <p>Chemistry</p> <p>Any MCC Chemistry course with a lab</p> <p>————— OR —————</p> <p>Lab Courses:</p> <p>Complete ANY of the following Courses:</p> <ul style="list-style-type: none">• ENV110L&L - Environmental Science• GEOG101A - Physical Geography - Lecture and Lab• GEOG215 - Introduction to Weather and Climate• GEOL101A - Introduction to Physical Geology• GEOL102 - Introduction to Earth History• PHSC101A - Introductory Physical Science L&L• PHYS201CL&L - College Physics I Lecture and Lab• PHYS202CL&L - Principles of Physics Lecture & Lab• PHYS203L&L - Engineering Physics Lecture & Lab• PHYS204L&L - Engineering Physics Lecture & Lab <p>————— OR —————</p>

Non-Lab:

Complete ANY of the following Courses:

- ANTH105D - Intro to Phys Anthropology/Archaeology
- ASTR101 - General Astronomy
- ASTR105A - Cosmology
- BIOL115 - Intro to Anatomy and Physiology
- BIOL200 - Introductory Evolution
- BIOL207LEC - Microbiology Lecture
- GEOG214 - Science of Climate Change
- GEOG260 - Geoscience Field Experience
- GEOL100 - Natural Disasters

Math - 3 credits

Enroll in the following Courses:

- MATH115A - Probability and Statistics

Ethics and Logic- 3 credits

Complete ANY of the following Courses:

- PHIL101 - Basic Concepts of Philosophy
- PHIL102 - Principles of Logic
- PHIL104 - Symbolic Logic
- PHIL202 - Introduction to Ethics
- PHIL203 - Philosophy of Religion
- PHIL204 - Biomedical Ethics
- PHIL205 - Business Ethics
- PHIL207 - Environmental Ethics

Social Relationships- 3 credits

Enroll in the following Courses:

- PSYC201 - General Psychology

Western Culture- 3 credits

Complete ANY of the following Courses:

- ART198 - Art History I: Ancient Art - Renaissance
- ART199 - Art History II - Renaissance Art/Modern
- ART202 - Contemporary Art History
- ENG213 - Literature of Shakespeare
- ENG225 - Major American Writers-American
- ENG226 - Major American Writers-American
- ENG228 - British Literature II (1750-Today)
- ENG231 - Themes in Women's Literature
- HIST101 - Western Civilization to 1500
- HIST102 - Western Civilization -1500 to Present
- HUM195 - Introduction to Humanities
- PSCI100 - Introduction to Political Science
- TH201 - Introduction to Theater History

American Culture- 3 credits

Complete ANY of the following Courses:

- HIST201 - United States to 1877
- HIST202 - U.S. From Reconstruction-Present
- HIST207 - African American History
- HIST211 - Michigan History
- HIST212B - Gettysburg Battlefields
- HIST214 - Siege of Vicksburg-US Civil War
- HIST220 - Labor Studies
- PSCI111 - Introduction to American Government
- PSCI205 - Contemporary Political Issues in US
- PSCI220 - Labor Studies

International Culture- 3 credits

Complete ANY of the following Courses:

- ANTH103 - Cultural Diversity in Contemp. Society
- ANTH110 - Introduction to Cultural Anthropology
- ENG207 - Literature of Race & Ethnicity
- ENG211 - Literature of World Mythology
- ENG218A - Horror, Fantasy, and Science Fiction
- FR101 - Basic French
- FR102 - Basic French
- FR201 - Intermediate French
- FR202 - Intermediate French
- GEOG104 - Cultural Geography
- GEOG105 - World Regional Geography
- GER101 - Basic German
- GER102 - Basic German
- HIST150 - World History to 1500 CE
- HIST151 - World History From 1500 CE
- HIST216 - Introduction to World War II
- PHIL105 - World Religions
- PSCI202 - International Relations
- PSCI210A - Int'l Organizations United Nations
- PSCI210B - International Organizations/Arab League
- PSCI211 - Comparative World Governments
- SPAN101 - Basic Spanish
- SPAN102 - Basic Spanish - Second Semester
- SPAN201 - Intermediate Spanish
- SPAN202 - Intermediate Spanish

Aesthetic Values- 3 credits

Fulfill ANY of the following requirements:

Aesthetic Values

Complete ANY of the following Courses:

- ART100A - Art Appreciation
- ART104 - Drawing I
- ART105B - Two-Dimensional Form and Surface
- ART107 - Painting I
- ART108 - Ceramics I
- ART109 - Sculpture I
- ART117 - Three-Dimensional Form and Space
- ART204B - Drawing II (Transfer Portfolio Prep)
- ART207 - Painting II
- ART208 - Ceramics II
- ART209 - Sculpture II
- ART220 - Figure Drawing
- DNC100 - Modern Dance I
- DNC101 - Modern Jazz Dance I
- DNC102 - Ballet I
- DNC106 - Social Dance I
- DNC200 - Modern Dance II
- DNC201 - Modern Jazz Dance II
- DNC206 - Social Dance II
- DNC210A - Repertory Dance Tour Company
- DNC210B - Repertory Dance Tour Company
- DNC210C - Repertory Dance Tour Group
- DNC210D - Repertory Dance Tour Company
- ENG216 - Introduction to Film
- ENG222 - Creative Writing
- MU100 - Introduction to Music Theory
- MU101 - Music Theory
- MU102 - Music Theory
- MU103A - Music Appreciation
- MU192 - Music for the Classroom Teacher

- MU193A - Hip-Hop, Rock, and All the World's Music
- MU194 - Sight Reading and Ear Training
- MU195 - Sight Reading and Ear Training
- MU201 - Advanced Theory
- MU202 - Advanced Theory
- TH101 - Theater Appreciation
- TH102 - Introduction to Acting I
- TH108 - Theater for Children
- TH121 - Introduction to Technical Theater
- TH122 - Theater Set and Lighting Design
- TH141 - Applied Theater-Acting
- TH142 - Applied Theater-Dance
- TH144 - Applied Theater-Costuming
- TH145 - Applied Theater-Scenery Construction
- TH147 - Applied Theater-Production Crew
- TH148 - Applied Theater-Performance
- TH160 - Acting for TV and Film
- TH202 - Introduction to Acting II
- TH203 - Reader's Theater
- TH204 - Improvisation for Actors
- TH217 - Creative Dramatics
- TH260 - Student Production Practicum

Physical Education- 2 credits

Fulfill ALL of the following requirements:

PEA 1 credit

Enroll in the following Courses:

- PEA101A - Fitness, Wellness and Nutrition

AND

PEA 1 credit

Any PEA/DNC course

Program Specific Courses- 12 credits

Complete ALL of the following Courses:

- HE102 - Nutrition for Fitness & Sport
- HE120 - Introduction to Public Health
- HE130 - Community Health
- SOC101 - Principles of Sociology

Computer Competency

Fulfill ANY of the following requirements:

CIS Course

Pass any 3-credit-hour or greater CIS class with a "C" or better

OR

Competency Test

Pass MCC's CIS-110/120A Computer Competency Test

Electives- Minimum 15 credits

Electives comprised of additional classes and required class credits earned in general education requirements. Please work with a n MCC Pathway Counselor and refer to the transfer guide from 4 year institution to select courses to transfer.

Degree Maps

Degree Maps

Year 1

Fall Semester

[ENG101](#)

[SOC101](#)

[PEA101A](#)

Math

Western Culture

Elective (meet with a counselor)

Winter Semester

[ENG102](#)

[CIS110](#) or [CIS120A](#)

[HE102](#)

[PSYC201](#)

International Culture

Year 2

Fall Semester

[HE120](#)

Science Lab

Physical Education

American Culture

Elective (meet with a counselor)

Winter Semester

[HE130](#)

Aesthetic Values

Ethics & Logic

Science

Elective (meet with a counselor)

PSYPW.ASA - Psychology Pathway Associate in Science and Arts

Overview

Department Title

Social Science Dept

Program Description

The MiTransfer Pathway Associate in Science and Arts (ASA) degree includes the Michigan Transfer Agreement (MTA) and is designed for students who plan to transfer to a four-year college or university and major in a particular discipline.

Degree

ASA - Associate in Science and Arts

Requirements

Simple Requisites

Program Requirements

Program Requirements- 62 credits

Type

Completion Requirement

Communication- 6 credits

Enroll in the following Courses:

- ENG101 - English Composition
- ENG102 - English Composition

Science- 6 credits from 2 disciplines/subjects. 1 lab course

Fulfill ALL of the following requirements:

Lab Courses

Fulfill ANY of the following requirements:

Biology

Any MCC Biology course with a lab

OR

Chemistry

Any MCC Chemistry course with a lab

OR

Lab courses

Complete ANY of the following Courses:

- BIOL152L&L - Human Anatomy
- ENV110L&L - Environmental Science
- GEOG101A - Physical Geography - Lecture and Lab
- GEOG215 - Introduction to Weather and Climate
- GEOL101A - Introduction to Physical Geology
- GEOL102 - Introduction to Earth History
- PHSC101A - Introductory Physical Science L& L
- PHYS201CL&L - College Physics I Lecture and Lab
- PHYS202CL&L - Principles of Physics Lecture & Lab
- PHYS203L&L - Engineering Physics Lecture & Lab
- PHYS204L&L - Engineering Physics Lecture & Lab

AND

Non-Lab:

Complete ANY of the following Courses:

- ANTH105D - Intro to Phys Anthropology/Archaeology
- ASTR101 - General Astronomy
- ASTR105A - Cosmology
- BIOL115 - Intro to Anatomy and Physiology
- BIOL200 - Introductory Evolution
- BIOL207LEC - Microbiology Lecture
- GEOG214 - Science of Climate Change
- GEOG260 - Geoscience Field Experience
- GEOL100 - Natural Disasters

Math - 3 credits

Enroll in the following Courses:

- MATH115A - Probability and Statistics

Ethics and Logic- 3 credits

Complete ANY of the following Courses:

- PHIL101 - Basic Concepts of Philosophy
- PHIL102 - Principles of Logic
- PHIL104 - Symbolic Logic
- PHIL202 - Introduction to Ethics
- PHIL203 - Philosophy of Religion
- PHIL204 - Biomedical Ethics
- PHIL205 - Business Ethics
- PHIL207 - Environmental Ethics

Social Relationships- 3 credits

Enroll in the following Courses:

- PSYC201 - General Psychology

Western Culture- 3 credits

Complete ANY of the following Courses:

- ART198 - Art History I: Ancient Art - Renaissance
- ART199 - Art History II - Renaissance Art/Modern
- ART202 - Contemporary Art History
- ENG213 - Literature of Shakespeare
- ENG225 - Major American Writers-American
- ENG226 - Major American Writers-American
- ENG228 - British Literature II (1750-Today)
- ENG231 - Themes in Women's Literature
- HIST101 - Western Civilization to 1500
- HIST102 - Western Civilization -1500 to Present
- HUM195 - Introduction to Humanities
- PSCI100 - Introduction to Political Science
- TH201 - Introduction to Theater History

American Culture- 3 credits

Complete ANY of the following Courses:

- HIST201 - United States to 1877
- HIST202 - U.S. From Reconstruction-Present
- HIST207 - African American History
- HIST211 - Michigan History
- HIST212B - Gettysburg Battlefields
- HIST214 - Siege of Vicksburg-US Civil War
- HIST220 - Labor Studies
- PSCI111 - Introduction to American Government
- PSCI205 - Contemporary Political Issues in US

- PSCI220 - Labor Studies

International Culture- 3 credits

Complete ANY of the following Courses:

- ANTH103 - Cultural Diversity in Contemp. Society
- ANTH110 - Introduction to Cultural Anthropology
- ENG207 - Literature of Race & Ethnicity
- ENG211 - Literature of World Mythology
- ENG218A - Horror, Fantasy, and Science Fiction
- FR101 - Basic French
- FR102 - Basic French
- FR201 - Intermediate French
- FR202 - Intermediate French
- GEOG104 - Cultural Geography
- GEOG105 - World Regional Geography
- GER101 - Basic German
- GER102 - Basic German
- HIST150 - World History to 1500 CE
- HIST151 - World History From 1500 CE
- HIST216 - Introduction to World War II
- PHIL105 - World Religions
- PSCI202 - International Relations
- PSCI210A - Int'l Organizations United Nations
- PSCI210B - International Organizations/Arab League
- PSCI211 - Comparative World Governments
- SPAN101 - Basic Spanish
- SPAN102 - Basic Spanish - Second Semester
- SPAN201 - Intermediate Spanish
- SPAN202 - Intermediate Spanish

Aesthetic Values- 3 credits

Fulfill ANY of the following requirements:

Aesthetic Values

Complete ANY of the following Courses:

- ART100A - Art Appreciation
- ART104 - Drawing I
- ART105B - Two-Dimensional Form and Surface
- ART107 - Painting I
- ART108 - Ceramics I
- ART109 - Sculpture I
- ART117 - Three-Dimensional Form and Space
- ART207 - Painting II
- ART208 - Ceramics II
- ART209 - Sculpture II
- ART220 - Figure Drawing
- DNC100 - Modern Dance I
- DNC101 - Modern Jazz Dance I
- DNC102 - Ballet I
- DNC106 - Social Dance I
- DNC200 - Modern Dance II
- DNC201 - Modern Jazz Dance II
- DNC206 - Social Dance II
- DNC210A - Repertory Dance Tour Company
- DNC210B - Repertory Dance Tour Company
- DNC210C - Repertory Dance Tour Group
- DNC210D - Repertory Dance Tour Company
- ENG216 - Introduction to Film
- ENG222 - Creative Writing
- MU100 - Introduction to Music Theory
- MU101 - Music Theory
- MU102 - Music Theory
- MU103A - Music Appreciation

- MU192 - Music for the Classroom Teacher
- MU193A - Hip-Hop, Rock, and All the World's Music
- MU194 - Sight Reading and Ear Training
- MU195 - Sight Reading and Ear Training
- MU201 - Advanced Theory
- MU202 - Advanced Theory
- TH101 - Theater Appreciation
- TH102 - Introduction to Acting I
- TH108 - Theater for Children
- TH121 - Introduction to Technical Theater
- TH122 - Theater Set and Lighting Design
- TH141 - Applied Theater-Acting
- TH142 - Applied Theater-Dance
- TH144 - Applied Theater-Costuming
- TH145 - Applied Theater-Scenery Construction
- TH147 - Applied Theater-Production Crew
- TH148 - Applied Theater-Performance
- TH160 - Acting for TV and Film
- TH202 - Introduction to Acting II
- TH203 - Reader's Theater
- TH204 - Improvisation for Actors
- TH217 - Creative Dramatics
- TH260 - Student Production Practicum

Physical Education- 2-3 credits

Fulfill ANY of the following requirements:

Option 1:

Fulfill ALL of the following requirements:

PEA 1 credit

Complete ANY of the following Courses:

- PEA101A - Fitness, Wellness and Nutrition
- PEA103 - Weight Training
- PEA104A - Walking, Jogging and Conditioning
- PEA118 - Cycling
- PEA201 - Aerobic Movement for Fitness

AND

PEA 1 credit

Any PEA/DNC course

OR

Option 2 (3 credits):

Enroll in the following Courses:

- PEA121 - Human Movement Science

Program Specific Courses- 11 credits

Complete ALL of the following Courses:

- PSYC203 - Abnormal Psychology
- PSYC207 - Life Span Development
- PSYC210 - Social Psychology

Computer Competency

Fulfill ANY of the following requirements:

CIS Course

Pass any 3-credit-hour or greater CIS class with a grade of "C" or

better
OR
Pass MCC's CIS-110/120A Computer Competency Test
Electives- 16 credits
<p>Elective credits comprised of additional classes and required class credits earned in the general education requirements. Please work with an MCC Pathway Counselor and refer to the transfer guide from 4 year institution to select courses to transfer.</p>

Degree Maps

Degree Maps

Year 1

Fall Semester

[ENG101](#)

[PSYC201](#)

[MATH115A](#)

Western Culture

Physical Education

Winter Semester

[ENG102](#)

[CIS110](#) or [CIS120A](#)

[PSYC203](#)

International Culture

Elective (meet with a counselor)

Year 2

Fall Semester

[PSYC207](#)

Science with Lab

American Culture

Physical Education

Elective (meet with a counselor)

Winter Semester

[PSYC210](#)

Aesthetic Values

Science

Ethics & Value

Elective (meet with a counselor)

QUAS_CERT - Quality Assurance-Certificate

Overview

Department Title

Tech Related

Program Description

Quality Assurance-Certificate

Degree

QUAS - Quality Assurance

Requirements

Simple Requisites

<p>Program Requirements</p> <p>Certificate Requirements- 21-24 credits</p> <p>Type Completion Requirement</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p>Certificate Requirements</p> <p>Fulfill ALL of the following requirements:</p> <p>Complete ALL</p> <p>Complete ALL of the following Courses:</p> <ul style="list-style-type: none"> AMT129A - Introduction to Technology ENG101 - English Composition CAD150 - Blueprint Reading MET101 - Industrial Materials QC101 - Basic Quality Control </div> <p style="text-align: center; margin: 5px 0;">AND</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p>Complete 2 courses</p> <p>Complete exactly 2 course(s) and earn 6 - 9 credits from the following:</p> <ul style="list-style-type: none"> TMAT101A - Technical Math I TMAT102A - Technical Math II TMAT201 - Technical Math III MATH115A - Probability and Statistics MATH215A - Statistics for Science & Engineering MATH109A - College Algebra MATH141 - Precalculus </div>
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Degree Maps

Degree Maps

Year 1

Fall Semester

[AMT129A](#)

[ENG101](#)

Math

[QC101](#)

Winter Semester

MET101

Math

CAD150

RSPT.AAS - Respiratory Therapy-Associate in Applied Science

Overview

Department Title

Respiratory Therapy

Program Description

The Respiratory Therapy program is a 28-month associate degree program. The curriculum design offers the student the Associate in Applied Science Degree (AAS). The AAS Degree is an occupationally oriented degree. By taking additional coursework, the student may obtain an ASA Degree. The ASA Degree is a transfer degree which enables students to transfer to baccalaureate degree-granting institutions with advanced standing. Students who receive the AAS or ASA Degree will be eligible to write the National Board for Respiratory Care Entry-Level CRT Examination for licensure to practice as a Certified Respiratory Therapist (CRT). Upon successful completion of the CRT Examination, the graduate will be eligible to write the National Board for Respiratory Care Advanced Practitioner Examination to practice as a Registered Respiratory Therapist (RRT).

The Respiratory Therapy Program at Muskegon Community College is accredited by the Commission on Accreditation for Respiratory Care (CoARC) and prepares graduates to take the national credentialing examinations. These exams lead to certification and registry and provides a pathway for State licensure.

Commission on Accreditation for Respiratory Care 264 Precision Blvd Telford, NT 37690 817-283-2835 ex. 107 <https://coarc.com/>

Degree

AAS - Associate in Applied Science

Requirements

Simple Requisites

Program Requirements
Program Requirements-90 credits
Type Completion Requirement
Prerequisites
Fulfill ALL of the following requirements:
Complete Courses
Complete ALL of the following Courses:
<ul style="list-style-type: none">• ENG101 - English Composition• BIOL152L&L - Human Anatomy• BIOL252L&L - Human Physiology• MATH100NRT - Math for Health Science
AND
Fulfill Any
Fulfill ANY of the following requirements:
Option 1
Enroll in the following Courses:
<ul style="list-style-type: none">• CHEM109A - Chemistry for Health Science Lab• CHEM109LEC - Chemistry for Health Science

OR

Option 2

Enroll in the following Courses:

- CHEM100A - Chemistry Fundamentals Lab
- CHEM100LEC - Chemistry Fundamentals - Lecture

Semester 1

Complete ALL of the following Courses:

- RT101 - Respiratory Therapy Physics
- RT102 - Basic Patient Care Skills
- AH101 - Medical Terminology
- PHIL204 - Biomedical Ethics

Semester 2

Complete ALL of the following Courses:

- RT111B - Introduction to Respiratory Therapy
- RT110AL&L - Equipment and Procedures I
- RT120AL&L - Equipment and Procedures II
- RT121 - Cardio-Respiratory Pharmacology
- RT122 - Clinical I

Semester 3

Complete ALL of the following Courses:

- RT130AL&L - Respiratory Therapy Equipment
- RT131 - Physiology
- RT132 - Respiratory Therapy Clinical II
- RT134 - Intro-Mechanical Ventilation

Semester 4

Complete ALL of the following Courses:

- RT141 - Respiratory Pathophysiology
- RT144A - Adult Mechanical Ventilation
- RT152ACLI - Clinical IV

Semester 5

Complete ALL of the following Courses:

- RT210 - Cardiovascular and Renal Physiology
- RT220C - Pediatric/Neonatal Critical Care
- PSYC201 - General Psychology

Semester 6

Complete ALL of the following Courses:

- RT212B - Adv Clinical Practice I

Semester 7

Complete ALL of the following Courses:

- RT222A - Advanced Clinical II
- RT230B - Pulmonary Diagnostics and Rehabilitation
- RT240 - Health Care Environment
- BUS122 - Principles of Management

Semester 1

- [RT101](#)
- [RT102](#)
- [AH101](#)
- [PHIL204](#)

Semester 2

- [RT111B](#)
- [RT110AL&L](#)
- [RT120AL&L](#)
- [RT121](#)
- [RT122](#)

Semester 3

- [RT130AL&L](#)
- [RT131](#)
- [RT132](#)
- [RT134](#)

Semester 4

- [RT141](#)
- [RT144A](#)
- [RT152ACLI](#)
- [RT162ACLI](#)

Semester 5

- [RT210](#)
- [RT220C](#)
- [PSYC201](#)

Semester 6

- [RT212B](#)

Semester 7

- [RT222A](#)
- [RT230B](#)
- [RT240](#)
- [BUS122](#)

Degree Maps

Degree Maps

See program Requirements for Program Prerequisites.

SCIFE.AS - Associate in Science and Pre-Engineering

Overview

Department Title

Engineering

Program Description

This program is designed to prepare you for transfer to a four-year degree in math, physical science (astronomy, chemistry, geology, physics, etc) and all types of engineering (civil, mechanical, chemical, electrical, and others). This program also includes general education courses necessary to satisfy the Michigan Transfer Agreement (MTA) The core courses will help you develop your understanding of abstract mathematics, introductory physics, and other related disciplines.

Degree

AS - Associate in Science

Requirements

Simple Requisites

Program Requirements

Program Requirements- 62 credits

Type

Completion Requirement

Communication- 6 credits

Fulfill ALL of the following requirements:

ENG-101

Enroll in the following Courses:

- ENG101 - English Composition

AND

Complete 1 course

Complete ANY of the following Courses:

- ENG102 - English Composition
- COM101 - Oral Communications
- COM107 - Introduction to Journalism
- COM201 - Public Speaking

Social Science- Two Courses must be in TWO or more disciplines/subjects.

Complete exactly 2 course(s) and earn credits from the following:

- ANTH103 - Cultural Diversity in Contemp. Society
- ANTH110 - Introduction to Cultural Anthropology
- ECON101A - Principles of Macroeconomics
- ECON102A - Principles of Microeconomics
- GEOG104 - Cultural Geography
- GEOG105 - World Regional Geography
- HIST201 - United States to 1877
- HIST202 - U.S. From Reconstruction-Present
- HIST207 - African American History
- HIST211 - Michigan History
- HIST212B - Gettysburg Battlefields
- HIST214 - Siege of Vicksburg-US Civil War
- HIST220 - Labor Studies

- PSCI111 - Introduction to American Government
- PSCI202 - International Relations
- PSCI205 - Contemporary Political Issues in US
- PSCI210A - Int'l Organizations United Nations
- PSCI211 - Comparative World Governments
- PSCI220 - Labor Studies
- PSYC102 - Applied Psychology
- PSYC201 - General Psychology
- PSYC203 - Abnormal Psychology
- PSYC207 - Life Span Development
- PSYC209 - Psychological Disorders of Childhood
- PSYC210 - Social Psychology
- SOC101 - Principles of Sociology
- SOC102A - Race, Ethnicity, & Immigration
- SOC202A - Modern Social Problems
- SOC203 - Introduction to Social Work
- SOC205 - Marriage and Family
- SOC206 - Introduction to Aging
- WGS101 - Intro to Women's & Gender Studies
- WGS201 - LGBTQ Studies

Humanities and Fine Arts- Two Courses must be in TWO or more disciplines/subjects- (All Foreign Languages count as one subject)

Complete ANY of the following Courses:

- ART100A - Art Appreciation
- ART198 - Art History I: Ancient Art - Renaissance
- ART199 - Art History II - Renaissance Art/Modern
- ART202 - Contemporary Art History
- ENG207 - Literature of Race & Ethnicity
- ENG211 - Literature of World Mythology
- ENG213 - Literature of Shakespeare
- ENG216 - Introduction to Film
- ENG218A - Horror, Fantasy, and Science Fiction
- ENG225 - Major American Writers-American
- ENG226 - Major American Writers-American
- ENG228 - British Literature II (1750-Today)
- ENG231 - Themes in Women's Literature
- FR101 - Basic French
- FR102 - Basic French
- FR201 - Intermediate French
- FR202 - Intermediate French
- GER101 - Basic German
- GER102 - Basic German
- SPAN101 - Basic Spanish
- SPAN102 - Basic Spanish - Second Semester
- SPAN201 - Intermediate Spanish
- SPAN202 - Intermediate Spanish
- HIST101 - Western Civilization to 1500
- HIST102 - Western Civilization -1500 to Present
- HIST150 - World History to 1500 CE
- HIST151 - World History From 1500 CE
- HIST216 - Introduction to World War II
- HUM195 - Introduction to Humanities
- MU100 - Introduction to Music Theory
- MU101 - Music Theory
- MU102 - Music Theory
- MU103A - Music Appreciation
- MU192 - Music for the Classroom Teacher
- MU193A - Hip-Hop, Rock, and All the World's Music
- MU194 - Sight Reading and Ear Training
- MU195 - Sight Reading and Ear Training
- MU201 - Advanced Theory
- MU202 - Advanced Theory
- PHIL101 - Basic Concepts of Philosophy

- PHIL102 - Principles of Logic
- PHIL104 - Symbolic Logic
- PHIL105 - World Religions
- PHIL202 - Introduction to Ethics
- PHIL203 - Philosophy of Religion
- PHIL204 - Biomedical Ethics
- PHIL205 - Business Ethics
- PHIL207 - Environmental Ethics
- TH101 - Theater Appreciation
- TH102 - Introduction to Acting I
- TH108 - Theater for Children
- TH121 - Introduction to Technical Theater
- TH122 - Theater Set and Lighting Design
- TH160 - Acting for TV and Film
- TH201 - Introduction to Theater History
- TH202 - Introduction to Acting II
- TH217 - Creative Dramatics

Math Requirements

Complete exactly 3 course(s) and earn credits from the following:

- MATH161 - Calculus I
- MATH162A - Calculus II
- MATH283 - Calculus III
- MATH295 - Differential Equations w/Linear Algebra

Physics Requirements- 10 credits

Enroll in the following Courses:

- PHYS203L&L - Engineering Physics Lecture & Lab
- PHYS204L&L - Engineering Physics Lecture & Lab

Chemistry Requirements- 5 credits

Enroll in the following Courses:

- CHEM101A - General and Inorganic Chemistry Lab
- CHEM101LEC - General and Inorganic Chemistry Lecture

Science and Engineering Electives- 12 credits

Fulfill ANY of the following requirements:

STEM Electives

Complete ANY of the following Courses:

- BIOL130L&L - General Biology I
- BIOL131L&L - General Biology II
- BIOL115 - Intro to Anatomy and Physiology
- BIOL115L - Introduction to Anatomy & Physiology Lab
- BIOL252L&L - Human Physiology
- BIOL121L&L - Plant Biology
- BIOL152L&L - Human Anatomy
- BIOL207A - Microbiology Lab
- BIOL207LEC - Microbiology Lecture
- CHEM102LEC - General and Inorganic Chemistry-Lecture
- CHEM102A - General and Inorganic Chemistry-Lab
- CHEM201E - Organic Chemistry I - Lecture
- CHEM201F - Organic Chemistry I - Lab
- CHEM202F - Organic Chemistry-Lecture
- CHEM202G - Organic Chemistry-Lab
- CAD110 - Introduction to Computer-Aided Drafting
- CAD250 - Introduction to SolidWorks 3D
- CIS185 - 'C' Programming
- CIS186 - Python Programming
- CIS250 - Developing Information Systems
- CIS280 - Java Programming
- ENGR202 - Statics

- ENGR204 - Engineering Dynamics
- GEOL101A - Introduction to Physical Geology

OR

Math option (towards 12 STEM elective credits)

Any Math above Math-161 AFTER meeting STEM Math Requirements

General Electives- 5 credits

Please work with the MCC Pathway Counselor and refer to the transfer guide from the 4-year institution to make sure that you select the appropriate courses to transfer. ECON-102A Recommended for MTA

Degree Maps

Degree Maps

Year 1

Fall Semester

[ENG101](#)

[MATH161](#)

[CHEM101LEC](#)

[CHEM101A](#)

Social Science

STEM Elective (1 credit)

Winter Semester

English

[MATH162A](#)

[PHYS203L&L](#)

Humanities and Arts

STEM Elective (1 credit)

Year 2

Fall Semester

[PHYS204L&L](#)

Social Science

Humanities and Arts

Electives (5 credits)

Winter Semester

Math

STEM Electives (10 credits)

SOWPW.ASA - Social Work Pathway Associates in Science and Arts

Overview

Department Title

Social Science Dept

Program Description

The Social Work Pathway degree will prepare students who plan to transfer to a participating four-year college or university and work towards a bachelor's degree in Social Work.

Degree

ASA - Associate in Science and Arts

Requirements

Simple Requisites

Program Requirements

Program Requirements- 62 credits

Type

Completion Requirement

Communication

Enroll in the following Courses:

- ENG101 - English Composition
- ENG102 - English Composition

Science- 6 credits

Fulfill ALL of the following requirements:

Biology

Enroll in the following Courses:

- BIOL152L&L - Human Anatomy

AND

Lab Course

Fulfill ANY of the following requirements:

Chemistry

Any MCC Chemistry course with a lab

OR

Lab course

Complete ANY of the following Courses:

- ENV110L&L - Environmental Science
- GEOG101A - Physical Geography - Lecture and Lab
- GEOG215 - Introduction to Weather and Climate
- GEOL101A - Introduction to Physical Geology
- GEOL102 - Introduction to Earth History
- PHSC101A - Introductory Physical Science L& L
- PHYS201CL&L - College Physics I Lecture and Lab
- PHYS202CL&L - Principles of Physics Lecture & Lab
- PHYS203L&L - Engineering Physics Lecture & Lab
- PHYS204L&L - Engineering Physics Lecture & Lab

OR

Non-Lab

Complete ANY of the following Courses:

- ANTH105D - Intro to Phys Anthropology/Archaeology
- ASTR101 - General Astronomy
- ASTR105A - Cosmology
- GEOG214 - Science of Climate Change
- GEOG260 - Geoscience Field Experience
- GEOL100 - Natural Disasters

Math- 3 credits

Enroll in the following Courses:

- MATH115A - Probability and Statistics

Ethics and Logic- 3 credit

Complete ANY of the following Courses:

- PHIL101 - Basic Concepts of Philosophy
- PHIL102 - Principles of Logic
- PHIL104 - Symbolic Logic
- PHIL202 - Introduction to Ethics
- PHIL203 - Philosophy of Religion
- PHIL204 - Biomedical Ethics
- PHIL205 - Business Ethics
- PHIL207 - Environmental Ethics

Social Relationships- 3 credits

Enroll in the following Courses:

- PSYC201 - General Psychology

Western Culture- 3 credits

Complete ANY of the following Courses:

- ART198 - Art History I: Ancient Art - Renaissance
- ART199 - Art History II - Renaissance Art/Modern
- ART202 - Contemporary Art History
- ENG213 - Literature of Shakespeare
- ENG225 - Major American Writers-American
- ENG226 - Major American Writers-American
- ENG228 - British Literature II (1750-Today)
- ENG231 - Themes in Women's Literature
- HIST101 - Western Civilization to 1500
- HIST102 - Western Civilization -1500 to Present
- HUM195 - Introduction to Humanities
- PSCI100 - Introduction to Political Science
- TH201 - Introduction to Theater History

American Culture- 3 credits

Complete ANY of the following Courses:

- HIST201 - United States to 1877
- HIST202 - U.S. From Reconstruction-Present
- HIST207 - African American History
- HIST211 - Michigan History
- HIST212B - Gettysburg Battlefields
- HIST214 - Siege of Vicksburg-US Civil War
- HIST220 - Labor Studies
- PSCI111 - Introduction to American Government
- PSCI205 - Contemporary Political Issues in US
- PSCI220 - Labor Studies

International Culture- 3 credits

Complete ALL of the following Courses:

- ANTH103 - Cultural Diversity in Contemp. Society
- ANTH110 - Introduction to Cultural Anthropology
- ENG207 - Literature of Race & Ethnicity
- ENG211 - Literature of World Mythology
- ENG218A - Horror, Fantasy, and Science Fiction
- FR101 - Basic French
- FR102 - Basic French
- FR201 - Intermediate French
- FR202 - Intermediate French
- GEOG104 - Cultural Geography
- GEOG105 - World Regional Geography
- GER101 - Basic German
- GER102 - Basic German
- HIST150 - World History to 1500 CE
- HIST151 - World History From 1500 CE
- HIST216 - Introduction to World War II
- PHIL105 - World Religions
- PSCI202 - International Relations
- PSCI210A - Int'l Organizations United Nations
- PSCI210B - International Organizations/Arab League
- PSCI211 - Comparative World Governments
- SPAN101 - Basic Spanish
- SPAN102 - Basic Spanish - Second Semester
- SPAN201 - Intermediate Spanish
- SPAN202 - Intermediate Spanish

Aesthetic Values- 3 credits

Fulfill ANY of the following requirements:

Aesthetic Values

Complete ANY of the following Courses:

- ART100A - Art Appreciation
- ART104 - Drawing I
- ART105B - Two-Dimensional Form and Surface
- ART107 - Painting I
- ART108 - Ceramics I
- ART109 - Sculpture I
- ART117 - Three-Dimensional Form and Space
- ART204B - Drawing II (Transfer Portfolio Prep)
- ART207 - Painting II
- ART208 - Ceramics II
- ART209 - Sculpture II
- ART220 - Figure Drawing
- DNC100 - Modern Dance I
- DNC101 - Modern Jazz Dance I
- DNC102 - Ballet I
- DNC106 - Social Dance I
- DNC200 - Modern Dance II
- DNC201 - Modern Jazz Dance II
- DNC206 - Social Dance II
- DNC210A - Repertory Dance Tour Company
- DNC210B - Repertory Dance Tour Company
- DNC210C - Repertory Dance Tour Group
- DNC210D - Repertory Dance Tour Company
- ENG216 - Introduction to Film
- ENG222 - Creative Writing
- MU100 - Introduction to Music Theory
- MU101 - Music Theory
- MU102 - Music Theory
- MU103A - Music Appreciation
- MU192 - Music for the Classroom Teacher

- MU193A - Hip-Hop, Rock, and All the World's Music
- MU194 - Sight Reading and Ear Training
- MU195 - Sight Reading and Ear Training
- MU201 - Advanced Theory
- MU202 - Advanced Theory
- TH101 - Theater Appreciation
- TH102 - Introduction to Acting I
- TH108 - Theater for Children
- TH121 - Introduction to Technical Theater
- TH122 - Theater Set and Lighting Design
- TH141 - Applied Theater-Acting
- TH142 - Applied Theater-Dance
- TH144 - Applied Theater-Costuming
- TH145 - Applied Theater-Scenery Construction
- TH147 - Applied Theater-Production Crew
- TH148 - Applied Theater-Performance
- TH160 - Acting for TV and Film
- TH202 - Introduction to Acting II
- TH203 - Reader's Theater
- TH204 - Improvisation for Actors
- TH217 - Creative Dramatics
- TH260 - Student Production Practicum

OR

Music course

Music classes numbered 100 and above except MU-240

Physical Education- 2-3 credits

Fulfill ANY of the following requirements:

Option 1:

Fulfill ALL of the following requirements:

PEA 1 credit

Complete ANY of the following Courses:

- PEA101A - Fitness, Wellness and Nutrition
- PEA103 - Weight Training
- PEA104A - Walking, Jogging and Conditioning
- PEA118 - Cycling
- PEA201 - Aerobic Movement for Fitness

AND

PEA 1 credit

Any PEA/DNC course

OR

Option 2 (3 credits):

Enroll in the following Courses:

- PEA121 - Human Movement Science

Program Specific Courses- 6 credits

Complete ALL of the following Courses:

- SOC101 - Principles of Sociology
- SOC203 - Introduction to Social Work

Computer Competency

Fulfill ANY of the following requirements:

CIS Course

Pass any 3-credit-hour or greater CIS course with a grade of "C" or better

OR

Competency Test

Pass MCC's CIS-110/120A Computer Competency Test

Elective- Minimum 21 credits

Electives credits composed of additional classes and required class credits earned in the general education requirements. Please work with an MCC Pathway Counselor and refer to the transfer guide from 4 year institution to select courses for transfer. Recommended: SOC-202A

Degree Maps

Degree Maps

Year 1

Fall Semester

[ENG101](#)

[SOC101](#)

[MATH115A](#)

Western Culture

Physical Education

Winter Semester

[ENG102](#)

[CIS110](#) or [CIS120A](#)

[PSYC201](#)

International Culture

Elective

Year 2

Fall Semester

[SOC203](#)

[BIOL152L&L](#)

American Culture

Elective (6 credits-meet with a counselor)

Winter Semester

Aesthetic Values

Ethics & Values

Science

Electives (6 credits-meet with a counselor)

UFMGM.AAS - Urban Forest Management

Overview

Department Title

Biology

Program Description

Employment and career opportunities continue to expand for those who have training and educational preparation in Urban Forest Management. In response to agency and industry needs, Michigan State University is partnering with Muskegon Community College (MCC) to offer a combined program, which enables students to complete an MSU Institute of Agricultural Technology certificate in Urban Forest Management and an Associate Degree at MCC concurrently. The Urban Forest Management program prepares graduates for a wide range of employment and career choices in the field. MSU Transfer Students: Students wishing to transfer to MSU as juniors must meet with the program coordinator during their first semester to alter general education courses to meet MSU requirements.

Degree

AAS - Associate in Applied Science

Requirements

Simple Requisites

Program Requirements

Program Requirements- 63 credits

Type

Completion Requirement

General Education Requirements- 27 credits

Fulfill ALL of the following requirements:

Complete ALL

Complete ALL of the following Courses:

- ENG101 - English Composition
- ENV110L&L - Environmental Science
- BIOL121L&L - Plant Biology
- CIS120A - Intro to Computer Information Systems
- GEOG251 - Introduction to GIS
- HE110 - Industrial Safety and Workplace Training
- BUS122 - Principles of Management
- BUS125 - Supervision

AND

Complete 1 course

Earn at least 3 credits from the following:

- TMAT101A - Technical Math I
- TMAT102A - Technical Math II
- TMAT201 - Technical Math III
- MATH109A - College Algebra
- BUS126 - Business Mathematics
- MATH115A - Probability and Statistics

MSU Occupational Specialty Requirements- 36 credits

AT-293, CSS-203, ENT-110, FOR-111, FOR-112, FOR-113, FOR-114, FOR-120, FOR-125, FOR-222, FOR-225, FOR-235, FOR-240, FOR-245, HRT-211, HRT-213, PLP-105

Degree Maps

Degree Maps

*MSU courses

Year 1

Fall Semester

[ENG101](#)

*ENT110

HE110

*HRT211

*FOR111

*FOR113

Winter Semester

[CIS120A](#)

*CSS203

[BIOL121L&L](#)

[TMAT101A](#), or [TMAT102A](#), or [TMAT201](#)

*FOR114

*FOR120

*HRT213

Summer Semester

*AT-293

Year 2

Fall Semester

[ENV110L&L](#)

*FOR222

*FOR235

*FOR125

*PLP105

Winter Semester

[BUS125](#)

*FOR112

*FOR225

*FOR240

*FOR245

[GEOG251](#)

WEBD.AAS - Web Design-Associate in Applied Science

Overview

Department Title

Comp Info Systems/Business

Program Description

The following program is for AAS Degree students interested in careers which require extensive knowledge of the Internet. Students receiving an AAS Degree in Web Design can create Web pages, install and maintain Web servers and are knowledgeable about the protocols and hardware used to transfer data across the Internet. They learn to work within wide-area networks and can develop new Web sites using HTML coding. This degree is not designed for students wishing to transfer to four-year institutions. Transfer-oriented students interested in working with computers should consult with a counselor.

Degree

AAS - Associate in Applied Science

Requirements

Simple Requisites

(No Requirement Levels)

Program Requirements- 60 credits

Type

Completion Requirement

General Education Requirements- 18-20 credits

Fulfill ALL of the following requirements:

Complete ALL

Complete ALL of the following Courses:

- ENG101 - English Composition
- BCOM102 - Adv Business & Technical Communications
- CIS120A - Intro to Computer Information Systems

AND

Complete 1 course

Complete exactly 1 course(s) and earn 3 - 4 credits from the following:

- BUS126 - Business Mathematics
- MATH109A - College Algebra

AND

Complete 1 course

Complete exactly 1 course(s) and earn exactly 3 credits from the following:

- BUS127 - Human Relations
- COM101 - Oral Communications

AND

Complete 1 course

Complete exactly 1 course(s) and earn 3 - 4 credits from the following:

- GEOG104 - Cultural Geography
- PHIL205 - Business Ethics
- PSCI111 - Introduction to American Government
- PSCI211 - Comparative World Governments
- PSYC102 - Applied Psychology
- PSYC201 - General Psychology

Business Core Requirements- 12 credits

Complete ALL of the following Courses:

- BUS121 - Introduction to Business
- BUS204 - eMarketing
- BUS220 - E-Business
- BUS260 - Principles of Marketing

Career Program Requirements- 30 credits

Complete ALL of the following Courses:

- BUS167 - Professionalism in Your Career
- CIS153A - Introduction to Data Base Management
- CIS199 - Internet Content Management Systems Cms
- CIS228 - JavaScript
- CIS257A - HTML Internet for Web Page Design
- CIS258 - Advanced HTML Web Development
- GRD205 - UX Design and Implementation Foundation
- CIS287A - Digital Video Editing and Production
- GRD102 - Introduction to Illustrator
- GRD103 - Introduction to Photoshop
- GRD110 - Principles of Design
- GRD120 - Introduction to Graphic Design

Winter Semester

BUS204

BUS260 or CIS199

GRD205

CIS287A

Choose one course (See Program Requirements for options)

Degree Maps

Degree Maps

Year 1

Fall Semester

BUS121

BUS127

CIS120A

CIS153A

GRD110

Winter Semester

BUS126 or MATH109A

CIS257A

GRD102

GRD120

ENG101

Year 2

Fall Semester

BCOM102

BUS220

GRD103

BUS167

CIS228

CIS258

WELD.AAS - Welding Technology-Associate in Applied Science

Overview

Department Title

Welding

Program Description

Welding Technology is a diversified program of skills dealing with the fabrication of metal products from rolled, stamped, forged or cast shapes. The type of metal, position of weldments, and use of structural shapes will be handled in a manner similar to that used in industrial processing. Selection of the proper welding methods, materials and procedures required will provide training in solving realistic problems found in the welding field. Students who wish to complete a program in two years are advised to use a sequence of courses recommended by their counselor or by the instructor. If a student wishes to attend college on less than a full-time basis, the program may be extended beyond two years. Students may wish to complete only the certificate program in welding.

Degree

AAS - Associate in Applied Science

Requirements

Simple Requisites

Program Requirements

Program Requirements- 62 credits

Type

Completion Requirement

General Education Requirements- 15-18 credits

Fulfill ALL of the following requirements:

ENG-101

Complete ALL of the following Courses:

- ENG101 - English Composition

AND

Complete 3 courses

Complete exactly 3 course(s) and earn 9 - 12 credits from the following:

- BUS127 - Human Relations
- CSS100A - College Success Seminar
- ECON101A - Principles of Macroeconomics
- HIST102 - Western Civilization -1500 to Present
- HIST202 - U.S. From Reconstruction-Present
- HUM195 - Introduction to Humanities
- MATH109A - College Algebra
- MATH141 - Precalculus
- PSCI100 - Introduction to Political Science
- PSYC201 - General Psychology
- SOC101 - Principles of Sociology
- TMAT101A - Technical Math I
- TMAT102A - Technical Math II
- TMAT201 - Technical Math III

Welding Technology Requirements- 24 credits

Complete ALL of the following Courses:

- ELTC104A - Basic Industrial Robotics
- W101A - Basic Welding
- W102A - Gas Metal Arc Welding (MIG)
- W103A - Gas Tungsten Arc Welding (TIG)
- W105 - Shielded Metal Arc Welding
- W201 - Structural Welding
- W202A - Pipe Welding
- W206 - Metal Fabrication

Technical-Related Required Electives- 11-12 credits

Complete ANY of the following Courses:

- CAD110 - Introduction to Computer-Aided Drafting
- CAD150 - Blueprint Reading
- ELTC101AL&L - Electricity-Basic
- MET201 - Metallurgy
- MT101B - Basic Machining
- ENGR105 - Introduction to Engineering
- PHYS201CL&L - College Physics I Lecture and Lab

Required Electives- 8-12 credits

Complete ANY of the following Courses:

- ACC201 - Principles of Accounting I
- AMT129A - Introduction to Technology
- BUS125 - Supervision
- BUS161A - Effective Selling
- CAD211 - Introduction to Inventor
- CAD250 - Introduction to SolidWorks 3D
- COM201 - Public Speaking
- ELTC150 - Industrial Electricity
- ELTC220 - Electrical Troubleshooting
- HE110 - Industrial Safety and Workplace Training
- HP101 - Hydraulics/Pneumatics
- HP201 - Advanced Hydraulics
- MATH161 - Calculus I
- MATH162A - Calculus II
- MET101 - Industrial Materials
- MET102 - Basic Cast Metals
- TMAT101A - Technical Math I
- TECH290CI - Cooperative Internship
- QC101 - Basic Quality Control

Complete exactly 1 course(s) and earn exactly 3 credits from the following:

- BCOM102 - Adv Business & Technical Communications
- COM201 - Public Speaking
- ENG102 - English Composition

Degree Maps

Degree Maps

Year 1

Fall Semester

General Education Choose 1st course (see Program Requirements for options)

Technical-Related Course

W101A

ENG101

W102A

Winter Semester

General Education Choose 2nd course (see Program Requirements for options)

Technical-Related Course

Required Elective

[W103A](#)

[W105](#)

Year 2

Fall Semester

General Education Choose 3rd course (see Program Requirements for options)

Technical-Related Course

Required Elective

[W202A](#)

[W201](#)

Winter Semester

[BCOM102](#) or [COM201](#) or [ENG102](#)

Technical-Related Course

Required Elective

[W206](#)

[ELTC104A](#)

WELD_CERT - Welding Technology-Certificate

Overview

Department Title

Welding

Program Description

Welding Technology is a diversified program of skills dealing with the fabrication of metal products from rolled, stamped, forged or cast shapes. The type of metal, position of weldments, and use of structural shapes will be handled in a manner similar to that used in industrial processing. Selection of the proper welding methods, materials and procedures required will provide training in solving realistic problems found in the welding field.

Degree

WELD - Welding Technology

Requirements

Simple Requisites

Program Requirements

Certificate Requirements- 24-26 credits

Type
Completion Requirement

Certificate Requirements

Fulfill ALL of the following requirements:

Complete ALL

Complete ALL of the following Courses:

- CAD150 - Blueprint Reading
- W101A - Basic Welding
- W102A - Gas Metal Arc Welding (MIG)
- W103A - Gas Tungsten Arc Welding (TIG)
- W105 - Shielded Metal Arc Welding
- W201 - Structural Welding
- W202A - Pipe Welding

————— AND —————

Complete 1 course

Complete exactly 1 course(s) and earn 3 - 5 credits from the following:

- TMAT101A - Technical Math I
- TMAT102A - Technical Math II
- TMAT201 - Technical Math III
- MATH109A - College Algebra
- MATH141 - Precalculus

Degree Maps

Degree Maps

Year 1

Fall Semester

[CAD150](#)

[W101A](#)

[W102A](#)

Winter Semester

[W103A](#)

[W105](#)

Math

Year 2

Fall Semester

[W201](#)

[W202A](#)

All Courses

ACC100 - Fundamentals of Accounting

Overview

Department(s)

Accounting

Course Description

This course is an introductory basic bookkeeping and accounting class that emphasizes the accounting cycle. Day-to-day accounting activities are covered, through the preparation of the financial statements and the process of closing the financial records. Upon successful completion of this class, the student will be well prepared to take ACC-201 Principles of Accounting I. This class is the same as BUS-100 - the prefix was changed beginning Fall 2013 semester. (Students having difficulty with BUS-101 may transfer to this class through the end of the add/drop period with no loss of tuition).

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

ACC201 - Principles of Accounting I

Overview

Department(s)

Accounting

Course Description

This course introduces principles of accounting including the accounting cycle with emphasis upon theory and financial statements. Other topics covered include cash, receivables, temporary investments, inventories, plant assets, intangible assets, and payroll. This class is the same as BUS-101 - the prefix and number were changed beginning Fall 2013 semester.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Requirements

None

ACC202 - Principles of Accounting II

Overview

Department(s)

Accounting

Course Description

A continuation of ACC-201 (formerly BUS-101) covering partnerships, corporations, and manufacturing accounting with emphasis on financial and cost accounting concepts. This class is the same as BUS-102. The prefix and number were changed beginning Fall 2013 semester).

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- ACC201 - Principles of Accounting I

ACC203 - Payroll Accounting

Overview

Department(s)

Business

Course Description

This course covers in detail the accounting and filing requirements for federal payroll taxes. ACC-203 is offered only as an Independent Study course. Contact the Business Department to arrange an Independent Study.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- ACC201 - Principles of Accounting I

ACC206 - Quick Books Computerized Accounting

Overview

Department(s)

Accounting

Course Description

(Course formerly known as BUS-106) In this hands-on course, you will learn QuickBooks, the accounting software used by most small to medium size businesses and organizations. This course is for everyone who will be entering transactions or using related data for decision making. You will learn to organize QuickBooks features to suit your company as well as how to generate customized financial reports and statements. Entering cash disbursements, cash receipts, accounts receivable, accounts payable, billing, purchasing, inventory, payroll, and general journal are all covered. This course counts as a business elective.

Semester Offering

Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ANY of the following Courses:

- ACC100 - Fundamentals of Accounting
OR
OR
OR ACC201 - Principles of Accounting I

Additional Comments:

Or Instructor Permission

ACC220 - Federal Taxation I

Overview

Department(s)

Accounting

Course Description

Federal Taxation I is designed to provide students with knowledge of the federal tax code as it relates to individual and business taxation. Students embark on a variety of learning opportunities including hands-on experience working with community organizations to provide tax services to Muskegon residents. The course prepares students for continuing education and career exploration as tax professionals in the private or public industries.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

No Requirements

AH101 - Medical Terminology

Overview

Department(s)

Health Sciences Dept

Course Description

Designed to assist the beginning health student to master new medical terms and modes of communication. With an understanding of basic terms, the student can proceed to build a functional vocabulary while pursuing a career specialty. Basic anatomy and physiology will be an integral part of the course. TEST

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

Requirements

No Requirements

AH104 - Medical Insurance Billing

Overview

Department(s)

Health Sciences Dept

Course Description

An introductory course designed to assist the student to quickly identify insurance coverage appropriately and accurately, complete insurance forms and become familiar with billing procedures. The content of this course is relevant to dental and other allied health insurance billing.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

Requirements

No Requirements

AH106 - Fundamentals of Health Care Delivery

Overview

Department(s)

Health Sciences Dept

Course Description

This course is designed as a general introduction to the health care delivery system. It will prepare the student with the necessary information for (basic) entry into the medical office environment. Topics of discussion will include ethics, law (including the new HIPAA regulatory standards), safety, infection control, patient record keeping, medical transcription, medical reimbursement and managed care.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

AH107 - Nurse Aide/Home Health Aide

Overview

Department(s)

Health Sciences Dept

Course Description

AH 107 prepares the student with skills and abilities to function as a home health aide, patient care assistant, or nurse aide. The student must demonstrate the ability to meet the essential functions of the occupation for nurse aides and home health aides. Upon satisfactory completion of this course, the student will be eligible to sit for the Competency Evaluated Nurse Aide examination (CENA). All Nurse Aides must complete an approved training program to be eligible for State Certification Testing and subsequent employment. The Muskegon Community College Nurse Assistant Training Program is approved by the Michigan Department of Licensing and Regulation (DLARA)/Bureau of Health Care Services, Long Term Care Division, and Nurse Aide Certification Program. This program follows the Michigan Competency-Driven Core Curriculum for Nurse Aides (2023 update). The individual who satisfactorily completes this course will be eligible to take the State Nurse Aide Competency Exam and Home Health Care Exam.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

5

Contact Hours

Contact Hours in excess of Credit Hours:

4

Requirements

Simple Requisites

Students must be able to meet the following essential functions of the occupation for Certified Nurse Aides/Home Health Aides:

- Communicate effectively with clients, families, health care team members, peers, and faculty.
- Stand and walk for six to eight hours per day.
- Bend, squat, and kneel.
- Assist lifting or moving clients with use of appropriate mobility devices.
- Perform CPR, such as move client to compress chest and manually ventilate client.
- Work with arms fully extended overhead.
- Use hands for grasping, pushing, pulling, and other fine manipulation.
- Demonstrate eye/hand coordination for manipulation of equipment, procedural supplies, etc.

- Possess tactile ability to differentiate changes in sensation.
- Possess auditory acuity to hear normal voice and hear manual blood pressure.
- Possess auditory acuity to hear client's calls for assistance without facing the client.
- Possess auditory acuity to interpret various equipment signals and use the telephone.
- Possess visual acuity to read and distinguish colors, to read handwritten/printed data.
- Possess visual acuity to clearly view electronic monitors and scales to correctly interpret data.

AH111 - Environmental Stressors and Nutrition

Overview

Department(s)

Health Sciences Dept

Course Description

Note: this course is restricted to current Nursing students. This course is designed to provide the student with the theoretical foundation for the clinical application of nutrition principles in relation to stress adaptation throughout the nursing curriculum. The focus of the course is on the identification of the role of nutrients in maintaining man's dynamic equilibrium and the use of therapeutic diets for clients.

Semester Offering

Fall and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Requirements

Type

Prerequisite

Earn a minimum grade of C+ in the following:

- NUR100 - Overview of the Nursing Profession

Note: Course restricted to current Nursing students.

Requirements

Type

Corequisite

Earn a minimum grade of C in the following:

- ENG101 - English Composition
AND ANTH103 - Cultural Diversity in Contemp. Society
AND BIOL152L&L - Human Anatomy
AND PSYC201 - General Psychology

AH196 - Electronic Health Records

Overview

Department(s)

Health Sciences Dept

Course Description

This course introduces students to the electronic health record. Topics include background and history of electronic health records, terminology, gathering patient information, scheduling appointments, recording of examination information, processing lab tests, documentation skills that are transferable. Students will gain conceptual theory and hands on practice that they need to work in today's medical office.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

AH290CI - Cooperative Internship

Credits

Credit Hours

Credit Hours:

3

Requirements

Simple Requisites

testing

AMT129A - Introduction to Technology

Overview

Department(s)

Tech Related

Course Description

This course introduces the student to manufacturing from the Industrial Revolution through current traditional and non-traditional processes, design, blueprint reading, materials, casting processes, quality control, manufacturing systems (JIT, Lean Manufacturing, Rapid Prototyping), automation, process planning (Design for Manufacture, Design for Assembly) and cost analysis. Students will also learn to create documents using word processing and presentation software.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

ANTH103 - Cultural Diversity in Contemp. Society

Overview

Department(s)

Anthropology

Course Description

Cultural Diversity in Contemporary Society is an ethnographic analysis of various cultural groups and regions where they originate. Such groups as African-American, Asian-American, Hispanic-American, and Native American will be the focus. Emphasis will be placed on their cultural similarities and differences. Students will compare such topics as the culture's socialization process, education, gender roles, marriage and family living, religion, health, death and dying, etc.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

ANTH105D - Intro to Phys Anthropology/ Archaeology

Overview

Department(s)

Anthropology

Course Description

The course introduces the student to the fields of physical anthropology and archaeology through a study of the evolution of Homo sapiens. Emphasis will be placed upon modern evolutionary theory, the known fossil record, dating methods, primatology, prehistoric hominids and technology, population genetics, human variation, bio-cultural adaptation, and the origins of culture. Potential topics and areas of further exploration include forensic science, archaeological dig sites, anatomy, and prehistoric tools.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

ANTH110 - Introduction to Cultural Anthropology

Overview

Department(s)

Anthropology

Course Description

Introduces the student to the field of cultural anthropology through a study of language, kinship, technology, political organization, social organization, religion and healing, among other topics. Emphasis will be placed upon an investigation of selected pre-modern groups representative of the world's major cultural regions.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

ART100A - Art Appreciation

Overview

Department(s)

Art

Course Description

An introduction to the visual arts through lecture, projects, and written assignments. Students will explore various themes in art history, learn to analyze and interpret works of art, be exposed to a variety of different kinds of media, and gain an appreciation of the role that visual art plays in society.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

Requirements

Requirements

None

ART104 - Drawing I

Overview

Department(s)

Art

Course Description

Concentrated attention on drawing as a fine arts medium with study in various subject matter.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

Requirements

Simple Requisites

testing

ART105B - Two-Dimensional Form and Surface

Overview

Department(s)

Art

Course Description

Two-Dimensional Form and Space is a first-year art course that introduces students to basic design concepts with a focus on how to work with two-dimensional compositional arrangements, illusionary space, depth, and texture. It is a foundation-level requirement in art departments at any transfer school - students considering a major in painting/drawing, printmaking, photography, art education, digital arts, graphic design, or video game design should start with this course. Students learn how to develop strong, imaginative compositions based on the creative process: brainstorming, problem-solving, experimentation with traditional and nontraditional materials and techniques, and the effective use of the language of art (visual elements and design principles as they pertain to two-dimensional images and surfaces).

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

ART107 - Painting I

Overview

Department(s)

Art

Course Description

The study of oils or acrylics through diverse subject matter.

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

ART108 - Ceramics I

Overview

Department(s)

Art

Course Description

A study of the nature of clay through hand building, pottery processes, and glazing, stressing skill development and expressive experimentation.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

ART109 - Sculpture I

Overview

Department(s)

Art

Course Description

An introduction to the basic materials and techniques of sculpture.

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

ART117 - Three-Dimensional Form and Space

Overview

Department(s)

Art

Course Description

Three-dimensional Form and Space is a first-year art course that introduces students to basic design concepts with a focus on how to work with actual space, texture, and mass. It is typically a foundation-level requirement in art departments at any transfer school - students considering a major in sculpture, ceramics, glass, jewelry/metals, fiber arts, art education, theatrical set design, film production, architectural design, industrial design, product design, or video game design should start with this course. Students learn how to develop strong, imaginative compositions based on the creative process: brainstorming, problem-solving, experimentation with traditional and nontraditional materials and techniques, and the effective use of the language of art (visual elements and design principles as they pertain to three-dimensional objects and space).

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

ART119 - Beginning Printmaking

Overview

Department(s)

Art

Course Description

The study of a variety of printmaking techniques. Topics covered may include intaglio, relief, and monotype printmaking techniques.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

3

Requirements

Requirements

None

ART198 - Art History I: Ancient Art - Renaissance

Overview

Department(s)

Art

Course Description

Ancient art to renaissance. A historical survey of art from Ancient times to 1400 tracing the development of styles and the influences of major social, religious, and political events.

Semester Offering

Fall and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

ART199 - Art History II - Renaissance Art/Modern

Overview

Department(s)

Art

Course Description

Renaissance to modern. A historical survey tracing the development of art from the Renaissance to the present with an emphasis on painting.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

ART202 - Contemporary Art History

Overview

Department(s)

Art

Course Description

A comprehensive survey of art and art styles of the 20th & 21st centuries. A study of backgrounds and origins of certain current styles, the course draws from examples in painting, sculpture and architecture of America and the world. Changing ideas and trends are analyzed through lecture and discussion.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

ART204B - Drawing II (Transfer Portfolio Prep)

Overview

Department(s)

Art

Course Description

A continuation of ART-104, with an emphasis on preparing an art portfolio for the college transfer process, thematic development, concentration on the relationship of form to content and further experimentation in varied media and techniques.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ANY of the following Courses:

- ART104 - Drawing I

ART207 - Painting II

Overview

Department(s)

Art

Course Description

Concentration in a particular medium of the student's choice with a study of the nature of that medium through a creative approach to painting problems.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- ART107 - Painting I

ART208 - Ceramics II

Overview

Department(s)

Art

Course Description

A study of traditional pottery processes through concentrated work on the potter's wheel, glazing, and firing experiences.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- ART108 - Ceramics I

ART209 - Sculpture II

Overview

Department(s)

Art

Course Description

A continuation of ART 109, with concentration in materials of individual interest.

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- ART109 - Sculpture I

Additional Comments:

Or Instructor Permission

ART220 - Figure Drawing

Overview

Department(s)

Art

Course Description

Students will learn how to draw the human figure from observation using a variety of techniques and a range of drawing media.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- ART104 - Drawing I
- OR

ART240 - Professional Practices in Art

Overview

Department(s)

Art

Course Description

This course will help students develop a professional visual identity by generating business logos, letterhead, a web presence, digital portfolio, and other materials related to the pursuit of an art or design based business. This course covers business related issues involved in any artistic or design based profession including professional artist, gallery owner, museum and gallery curator, art critics, historians, graphic designers, interior designers, game designers, illustrators, and photographers.

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

ART250 - Gallery/Collection Practicum

Overview

Department(s)

Art

Course Description

Students will gain practical experience in art gallery operations and the proper handling and care of artworks. Emphasis is placed on standard concepts and methods of exhibiting art as practiced in the professional art world. Students assist art faculty in the basic operations of the MCC Overbrook Art Gallery and the MCC Art Collection as a hands-on learning laboratory. Priority is given to students enrolled in the Visual Art Entrepreneur Degree program.

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

ART290CI - Cooperative Internship

Overview

Department(s)

Art

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

ASL101 - American Sign Language I

Overview

Department(s)

American Sign Language

Course Description

Study the various aspects of American Sign Language including finger spelling, interpreting, sign vocabulary, facial expression, body movement, and grammatical structure. This course is designed for students who are considering pursuing certification in interpreting.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

ASL102 - American Sign Language II

Overview

Department(s)

American Sign Language

Course Description

Study the various aspects of American Sign Language including finger spelling, interpreting, sign vocabulary, facial expression, body movement, and grammatical structure. This course is designed for students who would like to pursue certification in interpreting.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum Grade of C in the following:

- ASL101 - American Sign Language I

Or Successful Completion of Two Recent Years High School ASL and Instructor Permission

ASTR101 - General Astronomy

Overview

Department(s)

Astronomy

Course Description

This course is a broad, generally non-mathematical, survey of the science of astronomy. Topics include: historical astronomy, the mechanics and clockwork of the night sky, astronomical instruments, the solar system, stellar evolution, the Milky Way, galaxies, and theories about the origin and evolution of the universe. There will be opportunities for observation of astronomical objects with observatory telescopes.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

ASTR105A - Cosmology

Overview

Department(s)

Astronomy

Course Description

While Astronomy is concerned with the contents of the Universe, Cosmology is the science of the origin, current state and ultimate fate of the universe. In this course, the foundations of modern cosmology are presented from a historical perspective, covering the physical fundamentals, the impact of Einstein's Theories of Relativity on modern cosmologies, and, finally, from the perspective of the most recent astronomical discoveries.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

AT114 - Automotive Power Plants - Engine

Overview

Department(s)

Automotive Tech

Course Description

This course includes the proper procedures and machine operations necessary to service completely, overhaul, repair or rebuild the automotive engine. Theory of engine operation and construction are also dealt with.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

3

AT120 - Introduction to Electrical Systems I

Overview

Department(s)

Automotive Tech

Course Description

A study of fundamentals of electricity, ignition (Electronic Computer Control including DIS), cranking and charging systems. Basic electrical test equipment is also covered.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

Requirements

Simple Requisites

Corequisite

Type

Corequisite

Enroll in the following Courses:

- AT121 - Electrical Systems II

AT121 - Electrical Systems II

Overview

Department(s)

Automotive Tech

Course Description

Covers testing and servicing of ignition, cranking and charging systems. Includes the use of modern electronic test equipment and industry diagnostic methods.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

Requirements

Simple Requisites

Corequisite

Type

Corequisite

Enroll in the following Courses:

- AT120 - Introduction to Electrical Systems I

AT122 - Fuel Systems and Emission Controls

Overview

Department(s)

Automotive Tech

Course Description

This course will cover a study of fuel systems (including TBI and PFI) and emission controls (including 4 gas analyzer). Diagnosis and service of system components is also covered. The operation of 2-cycle and 4-cycle engine theory is introduced.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- AT120 - Introduction to Electrical Systems I
AND AT121 - Electrical Systems II

Corequisite

Type

Corequisite

Complete ALL of the following Courses:

- AT123 - Engine Tune Up (drivability)

AT123 - Engine Tune Up (drivability)

Overview

Department(s)

Automotive Tech

Course Description

A study of the engine accessories included under electrical, ignition and fuel systems. Covers the diagnosis, servicing, and repair of these systems and component parts as related to the entire engine operation in the vehicle.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- AT120 - Introduction to Electrical Systems I
AND AT121 - Electrical Systems II

Corequisite

Type

Corequisite

Enroll in the following Courses:

- AT122 - Fuel Systems and Emission Controls

AT150A - Automotive Brakes

Overview

Department(s)

Automotive Tech

Course Description

This course covers theory, repair, and adjustment of hydraulic and Antilock Braking systems (ABS) brake systems and related machining equipment. Students will learn in this class, through hands on experience, how to diagnose problems with ABS and Electronic Stability Control in addition to rebuild and bleed advanced braking systems. Students have the opportunity to become certified via the State of Michigan test in the area of brakes.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

1

AT160A - Automotive Air Conditioning

Overview

Department(s)

Automotive Tech

Course Description

This course covers theory, repair, and service of the automotive air conditioning system. Air conditioning for both R12 and R134A diagnosis testing and service is covered. Students have the opportunity to become certified via the State of Michigan test in the area of Air Conditioning.

Semester Offering

Summer Session Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

1

AT210 - Power Trains (Manual Drive Trains)

Overview

Department(s)

Automotive Tech

Course Description

This course gives the student experience in theory, diagnosis and repair of automotive drive trains. It includes study of clutches, drive shafts, universal joints, differentials, axles, and manual FWD & RWD transmissions.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

AT211 - Automatic Transmissions

Overview

Department(s)

Automotive Tech

Course Description

A study of the theory of operations, hydraulic circuits, gearing adjustments, and repair of automatic transmissions, both FWD & RWD (including electronic controls).

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

AT212 - Alignment and Suspension

Overview

Department(s)

Automotive Tech

Course Description

This course covers theory, repair, and adjustment of steering and suspension systems as well as the operation of modern four-wheel alignment and wheel balancing equipment.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

AT214 - Service Management

Overview

Department(s)

Automotive Tech

Course Description

A course covering the responsibilities of a service manager in large and small service garages. Lectures, tours, and outside speakers emphasize industrial practice in customer, mechanic, and management relationships.

Semester Offering

Summer Session Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

AT223 - Advanced Engine Performance

Overview

Department(s)

Automotive Tech

Course Description

This course provides a variety of learning and assessment activities students can use to analyze engine mechanical integrity, induction systems, and exhaust systems. Students will have hands on experience in the repair process of these systems. Theory and operation of electronic engine controls includes: alternative fuels, electronic fuel injection, electronic ignitions, on-board diagnostics and current emission systems. Laboratory practice includes proper set-up and use of digital storage oscilloscopes, scan tools, engine analyzer and five-gas emission analyzers.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- AT123 - Engine Tune Up (drivability)

AT230 - Automotive Service

Overview

Department(s)

Automotive Tech

Course Description

This course is designed to simulate an automotive repair facility. Student will engage in automotive repair projects scheduled to strengthen their knowledge and provide shop experience. Coursework may include visits to local repair facilities to complete the class hours.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

2

BCOM102 - Adv Business & Technical Communications

Overview

Department(s)

Business

Course Description

This course is designed for business and technical students and for people already in the work force who want to become proficient in business and technical communications. Major emphasis is placed on writing effective reports, manuals, instructions, and directions for specific audiences using appropriate style and format. While development of effective writing is the purpose of any English class, no other course concentrates on specific business and technical reporting styles, formats, and techniques. Revision and proofreading skills necessary for appropriate business and technical correspondence are stressed. Lab hours outside of scheduled class time will be necessary.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- ENG101 - English Composition

BIOL101BELH - ICS Belize -HONORS

Overview

Department(s)

Biology

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

BIOL105CSUP - BIOL 105C 1 CREDIT LAB

Overview

Department(s)

Biology

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

2

BIOL105LABS - Biol-105labsup

Overview

Department(s)

Biology

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

3

BIOL110LAB - Environmental Science Lab

Overview

Department(s)

Biology

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

3

BIOL115 - Intro to Anatomy and Physiology

Overview

Department(s)

Biology

Course Description

This course is a structural and functional approach to the human body through the study of cell, tissues, and body systems. Emphasis will be placed on cell biology, tissues, and the structure and function of the integumentary, skeletal, muscular, nervous, circulatory, lymphatic, respiratory, digestive, urinary, endocrine, and reproduction systems. While there is no lab component to this course, students will utilize high quality images to study the spatial relationships between anatomical structures.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

BIOL115L - Introduction to Anatomy & Physiology Lab

Overview

Department(s)

Biology

Course Description

This three-hour laboratory course is a lab to accompany Introduction to Anatomy and Physiology lecture (BIOL-115). The lab will present a structural and functional approach to the human body through the study of cells, tissues, and body systems. This course is geared toward students who are applying for allied health programs such as radiology tech, medical assisting, and dental assisting that only require a one semester survey course of anatomy and physiology. Emphasis will be placed on using models and laboratory experiments to explore cell biology, tissues, and the structures and functions of the integumentary, skeletal, muscular, nervous, circulatory, lymphatic, respiratory, digestive, urinary, endocrine, and reproductive systems.

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

2

Requirements

Simple Requisites

Corequisite

Type

Corequisite

Enroll in the following Courses:

- BIOL115 - Intro to Anatomy and Physiology

Must complete BIOL-115 with a minimum grade of C

BIOL121LAB - Plant Biology Laboratory

Overview

Department(s)

Biology

Course Description

BIOL-121LAB is a laboratory for the introductory plant biology course that will provide an overview of plants' morphology, physiology, development, and genetics. Also included in this course will be topics on the diversity, taxonomy, systematics, ecology, and evolution of plants.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

2

Requirements

Simple Requisites

Corequisite

Type

Corequisite

Enroll in the following Courses:

- BIOL121LEC - Plant Biology Lecture

BIOL121LEC - Plant Biology Lecture

Overview

Department(s)

Biology

Course Description

BIOL-121LEC is an introductory plant biology course that will provide an overview of plants' morphology, physiology, development, and genetics. Also included in this course will be topics on the diversity, taxonomy, systematics, ecology, and evolution of plants.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Corequisite

Type

Corequisite

Enroll in the following Courses:

- BIOL121LAB - Plant Biology Laboratory

BIOL152HON - Human Anatomy Honors

Overview

Department(s)

Biology

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

BIOL152LEC - Human Anatomy Lecture

Overview

Department(s)

Biology

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

BIOL152LAB - Human Anatomy Lab

Overview

Department(s)

Biology

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

2

BIOL152SUP - Human Anatomy-Supplemental Instruction

Overview

Department(s)

Biology

Course Description

This class will provide support for students who require additional instruction with BIOL-152. This course will be recommended for students seeking to repeat BIOL-152 to help assure their success. One hour a week will be spent reviewing lecture concepts and one hour a week will be spent in the lab reviewing laboratory concepts.

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

Corequisite

Type

Corequisite

Enroll in the following Courses:

- BIOL152L&L - Human Anatomy

BIOL200 - Introductory Evolution

Overview

Department(s)

Biology

Course Description

This course is a preparatory study of the historical development, the evidence, and the mechanisms of the biological evolution theory. Scientific hypotheses on the origin of organic molecules will also be investigated along with the examples of biological evolution in today's community. This course provides a learning experience on a central unifying concept of biology for non-majors and majors interested in exploring the diversity and similarities among living organisms.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite: Complete any 100 level Biology course or higher

BIOL207A - Microbiology Lab

Overview

Department(s)

Biology

Course Description

A general microbiology lab course that includes techniques and experiments for the observation, testing, identification, and understanding of concepts related to microbes of human importance. Includes aspects of microbial culturing using various media, aseptic techniques, slide preparations and staining, techniques to evaluate microbial characteristics and identify microbes, and microbial control.

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

2

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- BIOL130L&L - General Biology I
OR BIOL152L&L - Human Anatomy

Additional Comments:

Or Instructor Permission

Corequisite

Type

Corequisite

Enroll in the following Courses:

- BIOL207LEC - Microbiology Lecture

BIOL207LEC - Microbiology Lecture

Overview

Department(s)

Biology

Course Description

A general microbiology lecture course that provides an overview of microbes of primarily human importance. Includes aspects of microbial structure and function, growth, energetics, genetics, human microbiota, infection and disease processes, human lines of defense against pathogens, antimicrobial control and resistance, and infectious diseases.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- BIOL130L&L - General Biology I
OR BIOL152L&L - Human Anatomy

Or Instructor Permission

Corequisite

Type

Corequisite

Enroll in the following Courses:

- BIOL207A - Microbiology Lab

BIOL207LECH - Microbiology-Honors

Overview

Department(s)

Biology

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

BIOL280 - Applied Research in Biology 1

Overview

Department(s)

Biology

Course Description

This lecture/lab course will focus on preparing students to conduct group research projects in a biology-based laboratory setting. The lecture part of the course will provide students the opportunity to learn how to define a research question, formulate a relevant hypothesis, search the literature to gather information related to their research question and hypothesis, analyze scientific literature, prepare a research proposal, analyze and present data, and write a lab report. The research proposal will describe the background, methods, and predicted results of the research they will be conducting in the lab part of the course. The lab portion of the course will teach students biological laboratory skills and techniques that they will use when conducting their research project, including but not limited to genetic analysis techniques, microbiological techniques, preparation of solutions, pipetting, using instrumentation, and lab safety. A significant part of the lab experience will be focused on data collection related to student research projects. Research topics may vary each semester.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

2

Requirements

Simple Requisites

C or better grade in a college biology course or instructor permission.

BIOL281 - Applied Research in Biology II

Overview

Department(s)

Biology

Course Description

This lecture/lab course will focus on preparing students to conduct group research projects in a biology-based laboratory setting. The lecture part of the course will provide students the opportunity to learn how to define a research question, formulate a relevant hypothesis, search the literature to gather information related to their research question and hypothesis, analyze scientific literature, prepare a research proposal, analyze and present data, and write a lab report. The research proposal will describe the background, methods, and predicted results of the research they will be conducting in the lab part of the course. The lab portion of the course will teach students biological laboratory skills and techniques that they will use when conducting their research project, including but not limited to genetic analysis techniques, microbiological techniques, preparation of solutions, pipetting, using instrumentation, and lab safety. A significant part of the lab experience will be focused on data collection related to student research projects. Research topics may vary each semester. Students that have completed Biology 280 and would like another research experience will enroll in this course.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

2

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- BIOL280 - Applied Research in Biology 1

BIOL297ARM - Research Methods in Biology

Overview

Department(s)

Biology

Course Description

This course provides hands-on, laboratory experience in biological research, guiding students through the entire research process from developing research questions to conducting experiments and presenting findings. Students will build foundational lab skills, design and refine experiments, collect and analyze data, and communicate their results through written proposals and presentations. The course emphasizes critical thinking, troubleshooting, and scientific communication, preparing students for future research or professional applications in biology. Topics will include but are not limited to molecular biology, synthetic biology, biotechnology, ecology, and cell/tissue culture, or a combination of topics. The course will include lecture instruction on proposal writing, literature review, experimental design, peer review, and proposal presentation, as well as lab-based research tied to the students' proposals.

Credits

Credit Hours

Credit Hours:

4

BIOL297UA - Urban Agriculture Production Methods

Overview

Department(s)

Biology

Course Description

This course explores food production systems used in urban environments through applied, hands on learning. Students will work with hydroponic systems, controlled environment production, and raised beds to grow food crops, collect growth and environmental data, estimate yields, and understand regulatory and food safety requirements. Produce grown will be donated to local food banks.

Semester Offering

Summer Session Only

Credits

Credit Hours

Credit Hours:

2

BIOL299BE - Biological Evolution

Overview

Department(s)

Biology

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

BIOL299HP - Human Physiology Lecture

Overview

Department(s)

Biology

Credits

Credit Hours

Credit Hours:

3

BIOL299M - Anatomy & Physiology Lecture

Overview

Department(s)

Biology

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

BIOL106L&L - Anatomy and Physiology II

Overview

Department(s)

Biology

Course Description

This laboratory course is a continuation of BIOL-105L&L for students in nursing and other health-related fields that require an intensive study of the anatomy and physiology of the human organism. Emphasis is on the skeletal, muscular, nervous, digestive, cardiovascular, respiratory, urinary, endocrine and reproductive systems.

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

2

Requirements

Simple Requisites

Prerequisite
Type Prerequisite
Complete ALL of the following Courses:
<input type="text" value="No selection provided"/>
BIOL-105C and BIOL-105LEC or BIOL-105L&L with minimum grade of C

BIOL106L&LH - Anatomy & Physiology II Honors

Overview

Department(s)

Biology

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

BIOL109L&L - Food Technology

Overview

Department(s)

Biology

Course Description

This laboratory course is a study of chemical, biological, and physical principles as they pertain to food preparation, processing and, production. Students apply and study the concepts in a food preparation laboratory.

Semester Offering

Winter and Summer

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

BIOL113L&L - Introductory Biology

Overview

Department(s)

Biology

Course Description

Introductory course for non-science majors designed to provide a biological literacy and a survey of broad biological concepts. Topics include organization of living things, energy transformations, homeostasis, genetics, evolution, and classification of living organisms. The laboratory portion will provide opportunities for practicing the process of science.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

3

BIOL121L&L - Plant Biology

Overview

Department(s)

Biology

Course Description

BIOL 121L&L is an introductory course intended for students interested in botany, horticulture, plant ecology, agriculture, or other related fields. This lecture and laboratory course provides an overview of plant anatomy, physiology, development, and genetics. Also included in this course will be topics on the diversity, taxonomy, systematics, ecology, and evolution of plants. The laboratory portion of the course uses a variety of techniques including microscopy, dissection, growing and propagating plants, measuring physiological processes, taxonomy, and sampling natural plant communities.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

2

BIOL130L&L - General Biology I

Overview

Department(s)

Biology

Course Description

This course is an introductory biology course designed for the science major and as a prerequisite for advanced biology courses. The topics covered include cellular and molecular biology. This course will provide an introduction to cell structure and function, metabolism, growth and development, and molecular basis of inheritance. The laboratory portion is designed to enhance the lecture material with an emphasis on the process of science.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

3

Requirements

Simple Requisites

Students should have completed high school biology and chemistry.

BIOL131L&L - General Biology II

Overview

Department(s)

Biology

Course Description

This second-semester general biology course is designed for the science major and as a prerequisite for advanced biology courses. Students will be introduced to the diversity of living organisms with an emphasis on fundamental biological processes operating at the scale of individual organisms. The laboratory portion of the course is designed to enhance lecture material with an emphasis on the process of science, experimental design, quantitative analysis of data, and scientific communication.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

3

Requirements

Simple Requisites

Student should have completed high school biology and chemistry. Note: BIOL 130 is no longer a prereq. to BIOL 131.

BIOL152L&L - Human Anatomy

Overview

Department(s)

Biology

Course Description

BIOL-152L&L is an introductory course intended for students pursuing majors in allied health and medical fields. The course will introduce the structures of human anatomy with clinical correlations included where appropriate. The lecture portion will provide a detailed overview of microscopic and gross anatomy. The laboratory portion will focus on cell biology, histology and anatomy of the integumentary, skeletal, muscular, nervous, digestive, lymphatic, cardiovascular, respiratory, urinary, endocrine and reproductive systems. This is the first of a two-semester sequence in human anatomy and physiology. Upon completion of BIOL-152L&L with a C or higher, students may enroll in BIOL-252L&L, Human Physiology.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

2

BIOL252L&L - Human Physiology

Overview

Department(s)

Biology

Course Description

This will focus on the fundamental mechanisms of human physiology, with an emphasis on normal function; clinical correlations will be included where appropriate. The lecture portion will provide a detailed overview of body system function with respect to regulation and control mechanisms, especially cellular mechanisms. The laboratory portion will focus on the collection and analysis of system-based physiologic data using digital recording systems. Student designed experiments and literature reviews will be an integral part of the laboratory experience.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

2

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- BIOL152L&L - Human Anatomy

BIOL252L&LH - Human Physiology-Honors

Overview

Department(s)

Biology

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

BIOL299HRB2 - Herbarium Digitization

Overview

Department(s)

Biology

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

0

BUS108 - Introduction to Project Management

Overview

Department(s)

Business

Course Description

This course provides a basic foundation of knowledge from which processes and procedures can be learned and developed for management of projects. It also describes Project Management tools that can be used to effectively create and manage various types of planning and scheduling activities that are required for completion of a project. Upon completion, students will be prepared to take the Project Management Professional (PMP) certification exam.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

BUS114 - Personal Finance

Overview

Department(s)

Business

Course Description

This course is oriented to the practical needs of the citizen-wage-earning-consumer. This course will consider the structure of the American economic system, the impact of government on this system, and prudent economic management of the individual's finances, such as insurance, budgeting and the use of credit. This course is designed for the student's personal needs in today's society.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

BUS121 - Introduction to Business

Overview

Department(s)

Business

Course Description

This is a general course in business principles, problems, and practices, which provides an understanding of the operation of the American Business System and its place in the economy. Information concerning more effective use of business services in personal affairs is included as well as preparation for future business courses.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

BUS122 - Principles of Management

Overview

Department(s)

Business

Course Description

A study of the managerial functions of planning, organizing, staffing, directing, and controlling with analysis of the on-going process; knowledge which a manager must have in order to achieve coordination for the attainment of company objectives.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

BUS122HON - Prin of Management Honors

Overview

Department(s)

Business

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

BUS123 - Business Law I

Overview

Department(s)

Business

Course Description

This course is a study of the Uniform Commercial Code Text and of the general laws applicable to business covering law and society contracts, agency and employment, commercial paper, personal property, bailments, and sales.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

BUS125 - Supervision

Overview

Department(s)

Business

Course Description

A review of basic leadership skills needed to effectively supervise people with emphasis on communications, human relations, and the supervisor's role in employee recruitment, selection, training, and evaluations. Role-playing and other participation methods will be used.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

BUS126 - Business Mathematics

Overview

Department(s)

Business

Course Description

This course covers a review of basic computational skills, percentages, inventories, depreciation, and other financial applications. The course is designed to increase competence in fundamental mathematical skills which apply to business.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

BUS127 - Human Relations

Overview

Department(s)

Business

Course Description

A study of the problems of working with people in a business environment. The focus is on dealing positively with employee morale, motivation, leadership, group behavior, personality, productivity, hiring, and training.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

BUS131 - Intro to Entrepreneurship

Overview

Department(s)

Business

Course Description

This is the first course in the Entrepreneur degree program's core set of classes. It is open to all students interested in learning about the advantages and challenges of starting a business. Students research the definition of entrepreneur, explore how to identify business ideas, and examine the preparation, time commitments, personal skills, and resources needed for a successful business startup. They will develop and evaluate their own business ideas. Successful entrepreneurs from the community will guest lecture to add their expertise and insights.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

BUS161A - Effective Selling

Overview

Department(s)

Business

Course Description

This course includes an analysis of the sales transaction with classroom sales demonstrations. Attention is given to topics such as: consumer characteristics, buying motives, product performance, sales aids, overcoming customer objections, and closing the sale.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

BUS162 - Principles of Retailing

Overview

Department(s)

Business

Course Description

A survey of past and present retailing practices and procedures. Retail management methods are studied, along with retail store locations and layout, equipment, display advertising, personnel policies, maintenance, inventory and cost control.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

BUS166 - Quality Customer Service

Overview

Department(s)

Business

Course Description

A course in understanding what customer service is and how to implement it into today's organization.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

BUS167 - Professionalism in Your Career

Overview

Department(s)

Business

Course Description

This course is designed to professionally prepare students for their careers. The course is geared to prepare students to interview, develop a professional attitude along with etiquette skills, assess and develop conflict management and collaboration practices, and formulate a plan for lifelong learning so they may maintain their competitive advantage in the workplace.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- ENG101 - English Composition

BUS179 - Keyboarding

Overview

Department(s)

Business

Course Description

This course is designed for the student with no previous formal typing instruction. A student with a typing speed of 20-25 wpm should enroll in BUS 181C. This course develops basic alpha and numeric touch keyboarding skills for persons who will be using computer terminals for processing information. This is an OSE LAB course.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

BUS180D - Introduction to Word Processing-Part I

Overview

Department(s)

Business

Course Description

Before enrolling in this course, you must demonstrate that you are ready to succeed. This course is designed for the person who types 25-35 words per minute and has basic computer skills. Introductory and intermediate word processing features and concepts are taught, as well as document formatting. Through extensive hands-on training, students will be given the opportunity to become proficient with Microsoft Word. A grade of "C" or better required to advance.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ANY of the following Courses:

- CIS100 - Introduction to PC's-Windows
OR CIS110 - Computer Concepts
OR CIS120A - Intro to Computer Information Systems

Corequisite

Type

Corequisite

Enroll in the following Courses:

- BUS181C - Office Procedures I-Document Formatting

BUS181C - Office Procedures I-Document Formatting

Overview

Department(s)

Business

Course Description

This course is designed for the person who has had no formal training in formatting business documents, has minimal word processing skills, and types 25-35 words per minute. The purpose of this course is to develop correct techniques and basic keyboarding skills to increase speed and accuracy. The major portion of the course covers correct formatting procedures for business correspondence, reports, and tables using Microsoft Word. Recommended for all persons regardless of major. A grade of "C" or better required to advance.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Corequisite

Type

Corequisite

Enroll in the following Courses:

- BUS180D - Introduction to Word Processing-Part I

BUS182C - Office Procedures II-Document Production

Overview

Department(s)

Business

Course Description

This course has two major objectives: to provide the student with skill-building opportunities through the use of specially designed software and to allow the student to integrate word processing and document formatting skills while improving production speed and accuracy. A grade of C or better required to advance.

Semester Offering

Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- BUS180D - Introduction to Word Processing-Part I
AND BUS181C - Office Procedures I-Document Formatting

BUS195 - Medical Records Management

Overview

Department(s)

Business

Course Description

This three-credit course uses the Medisoft patient accounting software package that is in use in thousands of medical offices across the country. The student will learn how to use the basic features of the software including: inputting patient information, processing patient transactions, producing various reports, printing statements, and scheduling appointments. The course also covers the theory and procedures for the medical billing process.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

BUS200 - International Business

Overview

Department(s)

Business

Course Description

This is an introductory course designed to help students become familiar with, understand, and appreciate people from different cultures to promote a more effective basis for working together in the business world. Emphasis and application are placed upon business etiquette and business practice as they differ in various cultures. The course will explore reasons companies choose to enter the international market. Students will learn how companies use various strategic marketing approaches and government resources to expand their operations into the international market.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

BUS204 - eMarketing

Overview

Department(s)

Business

Course Description

The course provides students with a framework of knowledge required to design and implement an effective digital (electronic) marketing strategy either independent of or in conjunction with traditional marketing tools. Students will understand key marketing principles related to website creation, email, social media, video, domain selection, internationalization, online copywriting, analytics and other new media concepts. Students will combine these concepts with an evaluation of legal and ethical concerns about e-Marketing to formulate and assess electronic marketing plans. The course will include the creation of an eMarketing portfolio as part of a comprehensive semester long project.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

BUS220 - E-Business

Overview

Department(s)

Business

Course Description

This course provides an overview of the aspects and opportunities of doing business on the Internet, by examining how e-business strategies differ from those of a land-only based business. Topics include the history of business on the Internet, viability of a business using the Internet, what makes an effective e-business web site, opportunities for e-business in international markets, cultural and technical considerations of international e-business, mobile e-business, technology, marketing, payments, safety, security, customer service, regulation, ethics, intellectual property, and other current issues facing businesses using the Internet. As part of this class students will create a functional e-commerce store front.

Semester Offering

Fall Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

BUS222 - Fundamentals of Organizational Behavior

Overview

Department(s)

Business

Course Description

Organizational Behavior will revolve around the seven major competencies essential to managing an organization. Managing self, managing communication, managing diversity, managing ethics, managing across cultures, managing teams, and managing change.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- BUS122 - Principles of Management

BUS223 - Starting Your Business Plan

Overview

Department(s)

Business

Course Description

This hands-on course will help students learn about key finance and marketing concepts and how they apply to starting/running their own business. Students will identify their business idea and learn how to create and communicate the necessary marketing data and financial statements to support loan applications, start, and manage their business.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

4

BUS240 - Entrepreneurship Capstone

Overview

Department(s)

Business

Course Description

This is the final class of the entrepreneur core requirements. Students will research and create a written operations plan for their new business. They will integrate their marketing, human resources, and financial plans from prior entrepreneurship program courses with their operational plan, into one comprehensive business plan. Students will practice communicating about their business in formal and social media environments. Finalized business plans will be presented to faculty, financial experts, and/ or entrepreneurs. Students may compete in local or national business plan competitions.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- BUS223 - Starting Your Business Plan

BUS260 - Principles of Marketing

Overview

Department(s)

Business

Course Description

The study of the task and importance of marketing, the movement of goods from producer to consumer, channels of distribution, marketing functions and institutions, the ultimate consumer, the industrial consumer, and the retailing and wholesaling systems.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Corequisite

Type

Corequisite

Enroll in the following Courses:

- BUS121 - Introduction to Business

OR Sophomore standing

BUS262 - Social Media

Overview

Department(s)

Business

Course Description

Students explore emerging social media technologies and processes and study their application in a variety of contemporary settings. Students will learn how to use and author content for such online tools such as blogs, microblogs, collaboration mechanisms, podcasts, RSS-feeds, video, bookmarking, and other emerging web technologies. The course will also study how to use these technologies to monitor conversations on the Internet, engage online communities, identify influencers, and establish thought leadership.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- CIS110 - Computer Concepts
- OR CIS120A - Intro to Computer Information Systems
- ENG101 - English Composition

BUS263 - Advertising Dynamics

Overview

Department(s)

Business

Course Description

This course presents methods and techniques in modern advertising strategy, providing information to prepare an entire advertising campaign including selection of media, copywriting and advertising decision-making.

Semester Offering

Fall Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

BUS266 - Quality Customer Service II

Overview

Department(s)

Business

Course Description

Measurement, Plan, and Action. This course will take the basic concepts of Customer Service taught in BUS 166 and allow students to measure the outcome that it has on customers. With the results of these surveys, individuals will then be able to formulate a customer service plan and then put this plan into action.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- BUS166 - Quality Customer Service

BUS273A - Human Resource Management

Overview

Department(s)

Business

Course Description

Overview of personnel relationships in a business institution covering areas of recruiting, selecting, training, evaluating, motivating, and rewarding of employees and the process involved in the accomplishments of such objectives.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

BUS280C - Word Processing - Part II

Overview

Department(s)

Business

Course Description

This course builds on the skills and concepts learned in the introductory course. Advanced features are covered. BUS 280C is a hands-on course and provides students the opportunity to be well prepared for Microsoft Office Word Certification.

Semester Offering

Winter and Summer

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- BUS180D - Introduction to Word Processing-Part I
AND BUS182C - Office Procedures II-Document Production

BUS290CI - Cooperative Internship Program

Overview

Department(s)

Business

Course Description

The Cooperative Internship Program is a paid or non-paid field work experience in business and/or industry within the student's major area of study. Variable credit may be earned dependent upon the number of work hours available from the employing organization. A student may sign up for as many internships as desired; however, the number of credit hours which can be applied toward a degree/certificate depends on the student's course of study and departmental requirements. The maximum number of hours of cooperative internship is 12 credit hours depending upon the program. This course is offered on a pass/ no pass basis.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- ENG101 - English Composition

and Instructor Permission

BUS290CI1 - Cooperative Internship

Overview

Department(s)

Business

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

BUS290CI2 - Cooperative Internship

Overview

Department(s)

Business

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- BCOM102 - Adv Business & Technical Communications

CAD110 - Introduction to Computer-Aided Drafting

Overview

Department(s)

Computer-Aided Drafting/Design

Course Description

This course is an introduction to basic computer aided drafting using AutoCAD TM. Basic2D CAD drafting skills will be the primary focus of this course.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

CAD150 - Blueprint Reading

Overview

Department(s)

Computer-Aided Drafting/Design

Course Description

This course is designed to teach students how to read and interpret engineering drawings.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

1

CAD151 - Geometric Dimensioning & Tolerancing

Overview

Department(s)

Computer-Aided Drafting/Design

Course Description

This course is designed to teach how to read, interpret, and apply geometric dimensioning and tolerancing per ANSII Y14.5M standards.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- CAD150 - Blueprint Reading

CAD211 - Introduction to Inventor

Overview

Department(s)

Applied Manufacturing Tech Lab

Course Description

This course is an introduction to 3-D modeling and parametric design using Inventor. It covers part modeling, assembly creation and production of 2D drawings that conform to industry standards.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum Grade of C- in the following:

- CAD110 - Introduction to Computer-Aided Drafting

CAD250 - Introduction to SolidWorks 3D

Overview

Department(s)

Computer-Aided Drafting/Design

Course Description

This course is an introduction to 3-D modeling and parametric design using SolidWorks. It covers part modeling, assembly creation and production of 2D drawings that conform to industry standards."

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C- in the following:

- CAD110 - Introduction to Computer-Aided Drafting

CAD252 - CAD252 Advanced SolidWorks

Overview

Department(s)

Applied Manufacturing Tech Lab

Course Description

This course builds on the material covered in CAD250 - Introduction to SolidWorks 3D. This course covers advanced topics in SolidWorks, including modeling complex parts, creating multiple configurations of parts utilizing Design Tables, modifying existing models, creating complex assemblies with advanced mates, and analyzing assemblies for tolerance stack ups, interference and collisions. Upon completion of the course, students will have the opportunity to take the Certified SolidWorks Professional (CSWP) Exam.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

2

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum Grade of C- in the following:

- CAD250 - Introduction to SolidWorks 3D

CAD255 - Introduction to Siemens Nx

Overview

Department(s)

Computer-Aided Drafting/Design

Course Description

This course is designed for the student that has mastered two-dimensional CAD drawing. The student will be introduced to feature based 3D parametric solid modeling using the NX software. The course covers all major environments of NX with a thorough explanation of all tools, options, and their applications to create real-world products.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C- in the following:

- CAD110 - Introduction to Computer-Aided Drafting

CAD256 - Special Topics in SolidWorks

Overview

Department(s)

Applied Manufacturing Tech Lab

Course Description

This course builds on the material covered in CAD250 - Introduction to SolidWorks 3D. This course covers special topics in SolidWorks, including Top Down Assemblies, Sheet Metal Design, 3D Sketching, Weldment Design, Motion Studies and Finite Element Analysis (FEA).

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

2

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum Grade of C- in the following:

- CAD250 - Introduction to SolidWorks 3D

CAD260 - CAD CAPSTONE

Overview

Department(s)

Computer-Aided Drafting/Design

Course Description

This capstone course will require the students to work in groups using project management methodology to complete projects in two main areas Design of products and Design of tooling and fixtures.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

2

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum C- of or better in the following:

- CAD210 - Parametric Design I-Part Modeling (Inactive)
OR CAD250 - Introduction to SolidWorks 3D

CEELA - Executive Leadership Academy

Overview

Course Description

Leadership development program for executive level leaders. During this experience you will gain valuable insight from community leaders.

Credits

Credit Hours

Credit Hours:

0

CEHWC - Health & Wellness Membership

Overview

Course Description

Semester long memberships to the Health and Wellness Center

Credits

Credit Hours

Credit Hours:

0

CEJAZZ - Jazz Ensemble

Overview

Course Description

An ensemble dedicated to increasing the knowledge of jazz literature and improving skills in improvisation and ensemble playing through the preparation and performance of traditional and contemporary big-band jazz repertoire. In addition to the biweekly rehearsals the ensemble performs two to four times per semester on-off campus.

Credits

Credit Hours

Credit Hours:

0

CEWIND - Wind Ensemble

Overview

Course Description

An advanced-level wind ensemble performing traditional to contemporary wind-band literature. The ensemble focuses on the rehearsal and performance of the repertoire. In addition to the biweekly rehearsals the ensemble performs two to four times per semester on-off campus.

Credits

Credit Hours

Credit Hours:

0

CHEM100A - Chemistry Fundamentals Lab

Overview

Department(s)

Chemistry

Course Description

Laboratory theory and practice of topics included in CHEM 100.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

2

Requirements

Simple Requisites

Recommended Prereq: Completion of Algebra II from high school with a grade of "C" or better.

Corequisite lecture

Type

Corequisite

Enroll in the following Courses:

- CHEM100LEC - Chemistry Fundamentals - Lecture

CHEM100LEC - Chemistry Fundamentals - Lecture

Overview

Department(s)

Chemistry

Course Description

A course emphasizing fundamentals, symbols, formulae, nomenclature, oxidation states, atomic structure, the periodic law, writing and balancing equations, stoichiometry, solutions, and gas law problems.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Recommended Prerequisite: Completion of Algebra II from high school with a grade of "C" or better.

Corequisite lab

Type

Corequisite

Enroll in the following Courses:

- CHEM100A - Chemistry Fundamentals Lab

CHEM100LECH - Chemistry Fundamentals Lec - Honors

Overview

Department(s)
Chemistry

Credits

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours in excess of Credit Hours:
0

CHEM101A - General and Inorganic Chemistry Lab

Overview

Department(s)
Chemistry

Course Description

Laboratory theory and practice of topics included in CHEM 101.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours in excess of Credit Hours:
2

Requirements

Simple Requisites

Corequisite lecture

Type

Corequisite

Enroll in the following Courses:

- CHEM101LEC - General and Inorganic Chemistry Lecture

Corequisite - Concurrent (or Previously with a grade of C or better)

Type

Corequisite

Prior completion of any Math course numbered 109A or higher with a grade of C or better.

OR

Co-requisite: Enrollment in any Math course numbered 109A or higher.

Completion of

Prerequisite: ACT Math 22+, SAT Math 27.5+, ALEKS PPL 30+, Accu-Placer NG Adv Alg and Fns 230+

CHEM101LEC - General and Inorganic Chemistry Lecture

Overview

Department(s)

Chemistry

Course Description

Course topics are: the physical states of matter, structure of matter, bonding, quantitative relationships involving mass and energy, solutions, ideal and real gases, gas mixtures, oxidation-reduction, and elementary thermodynamics.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Corequisite lab

Type

Corequisite

Enroll in the following Courses:

- CHEM101A - General and Inorganic Chemistry Lab

Corequisite - Concurrent (or Previously with a grade of C or better)

Type

Corequisite

Math requirement

Prior completion of any Math course numbered 109A or higher with a grade of C or better.

OR

Co-requisite: Enrollment in any Math course numbered 109A or higher.

Complete ANY of the following :

These :

No selection provided

Prerequisite

Type

Prerequisite

Prerequisite Test Scores

Fulfill ANY of the following requirements:

Prerequisite: ACT Math 22+, SAT Math 27.5+, ALEKS PPL 30+, Accu-Placer NG Adv Alg and Fns 230+

CHEM101LECH - General & Inorganic Chem Lecture Honors

Overview

Department(s)

Chemistry

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

CHEM101SUP - Chemistry 101 Fundamentals

Overview

Department(s)

Chemistry

Course Description

This class will allow students to complete CHEM-101LEC/101A without having to demonstrate previous enrollment in high school or CHEM-100 chemistry courses. This is an accelerated option to help students who need higher level Chemistry to take the first two years of college Chemistry at MCC. This course is also designed to provide supplemental instruction to students who have been away from chemistry sometime and/or need additional instruction with their first college chemistry course. This course is taken concurrently with CHEM-101LEC and CHEM-101A.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Corequisite

Type

Corequisite

Enroll in the following Courses:

- CHEM101A - General and Inorganic Chemistry Lab

CHEM102A - General and Inorganic Chemistry-Lab

Overview

Department(s)

Chemistry

Course Description

Course divided between elementary qualitative analysis and laboratory theory and practice of topics covered in CHEM 102 LEC.

Semester Offering

Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

2

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- CHEM101LEC - General and Inorganic Chemistry Lecture
AND CHEM101A - General and Inorganic Chemistry Lab

Corequisite

Type

Corequisite

Enroll in the following Courses:

- CHEM102LEC - General and Inorganic Chemistry-Lecture

CHEM102LEC - General and Inorganic Chemistry-Lecture

Overview

Department(s)

Chemistry

Course Description

Topics of the course are kinetics, chemical equilibrium, acid-base chemistry, nuclear chemistry, electrochemistry, some introductory organic chemistry as well as advanced topics from thermodynamics (including entropy, spontaneity and free energy). Successful completion of CHEM-102A is required for transfer credit in CHEM-102.

Semester Offering

Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- CHEM101LEC - General and Inorganic Chemistry Lecture
AND CHEM101A - General and Inorganic Chemistry Lab

Corequisite

Type

Corequisite

Enroll in the following Courses:

- CHEM102A - General and Inorganic Chemistry-Lab

CHEM109A - Chemistry for Health Science Lab

Overview

Department(s)

Chemistry

Course Description

An introductory, one semester laboratory course in chemistry. This is the lab component of Chemistry 109 for non-science majors and some students going into specific health programs which do not require general Chemistry 101 and 102. The course is designed to provide students insight into the chemical sciences, technology, and the environment. Conversions, atomic structure, bonding, the periodic table, chemical reactions, energy, organic chemistry, nuclear chemistry, acids and bases, carbohydrates and lipids (biochemistry) are covered. This course is not equivalent to a two semester general, organic, biochemistry course.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

2

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- MATH100NRT - Math for Health Science
OR MATH109A - College Algebra
OR MATH115A - Probability and Statistics

Corequisite

Type

Corequisite

Enroll in the following Courses:

- CHEM109LEC - Chemistry for Health Science

CHEM109LEC - Chemistry for Health Science

Overview

Department(s)

Chemistry

Course Description

This is a chemistry course for non-science majors and some students going into specific health programs which do not require general Chemistry 101 and 102. The course is designed to provide students insight into the chemical sciences, technology, and the environment. Conversions, atomic structure, bonding, the periodic table, chemical reactions, energy, organic chemistry, nuclear chemistry, acids and bases, carbohydrates and lipids (biochemistry) are covered. This course is not equivalent to a two semester general, organic, biochemistry course.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- MATH100NRT - Math for Health Science
- OR MATH109A - College Algebra
- OR MATH115A - Probability and Statistics

Or Instructor Permission

Corequisite

Type

Corequisite

Enroll in the following Courses:

- CHEM109A - Chemistry for Health Science Lab

CHEM201E - Organic Chemistry I - Lecture

Overview

Department(s)

Chemistry

Course Description

Course covers the nomenclature, preparation, properties and reactions of saturated and unsaturated hydrocarbons, aldehydes, ketones, acids, and their derivatives. Stereochemistry and IR, ultraviolet spectroscopy are also introduced.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- CHEM102LEC - General and Inorganic Chemistry-Lecture
AND CHEM102A - General and Inorganic Chemistry-Lab

Corequisite

Type

Corequisite

Enroll in the following Courses:

- CHEM201F - Organic Chemistry I - Lab

CHEM201F - Organic Chemistry I - Lab

Overview

Department(s)

Chemistry

Course Description

Laboratory work includes the synthesis of compounds representing typical reactions, together with study of the chemical and physical properties and IR spectra of the substances prepared. Both macro and micro scale techniques are employed.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

3

Requirements

Simple Requisites

Corequisite

Type

Corequisite

Enroll in the following Courses:

- CHEM201E - Organic Chemistry I - Lecture

CHEM202F - Organic Chemistry-Lecture

Overview

Department(s)

Chemistry

Course Description

A continuation of CHEM 201. Course covers nomenclature, preparation, properties and reactions of aromatic hydrocarbons, phenols, organic nitrogen and sulfur-containing compounds, carbohydrates, proteins and synthetic polymers. Nuclear magnetic resonance spectroscopy are also introduced.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- CHEM201E - Organic Chemistry I - Lecture
AND CHEM201F - Organic Chemistry I - Lab

Corequisite

Type

Corequisite

Enroll in the following Courses:

- CHEM202G - Organic Chemistry-Lab

CHEM202G - Organic Chemistry-Lab

Overview

Department(s)

Chemistry

Course Description

Laboratory work includes Diels Alder and lid reactions, a multi-step synthesis, qualitative analysis of typical organic compounds using spectral evidence as well as simple tests.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

3

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- CHEM201E - Organic Chemistry I - Lecture
AND CHEM201F - Organic Chemistry I - Lab

Corequisite

Type

Corequisite

Enroll in the following Courses:

- CHEM202F - Organic Chemistry-Lecture

CHEM299O - Aquatic Inva. Species Research

Overview

Department(s)

Chemistry

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

CHW101 - Community Health Worker

Overview

Department(s)

Health Sciences Dept

Course Description

Community Health Workers (CHWs) are a vital part of health and human services delivery in Michigan and are trusted members of the community served. They contribute in many ways by functioning as a consistent source of contact between care providers and individuals, providing case management and care coordination. CHWs influence the health of the community by providing outreach, community education, informal counseling, social support, and advocacy. This course follows the Michigan Community Health Worker Alliance (MiCHWA) curriculum and includes 40 hours of internship.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

8

Contact Hours

Contact Hours in excess of Credit Hours:

0

CIS100 - Introduction to PC's-Windows

Overview

Department(s)

Comp Info Systems/Business

Course Description

This course introduces students to the proper use and operation of the Intel-compatible microcomputers using the Windows operating system. Students learn to create documents using word processing programs, create line art using graphic programs, send and receive e-mail with attachments, access the Internet using a browser, and use online course management software. Common system activities that include customizing the desktop, formatting disks, using file management procedures, and creating back-ups are a part of the introduction to personal computer operating procedures.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

CIS101EW - Intro to Electronic Spreadsheets

Overview

Department(s)

Comp Info Systems/Business

Course Description

This is a "hands-on" course designed for people with little or no previous experience with electronic spreadsheets. The student will create and edit worksheets and workbooks. The student will use basic formulas, functions, charting, formatting, and printing options to create functional worksheets. Suffix: EW stands for Excel for Windows.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- CIS100 - Introduction to PC's-Windows
OR CIS110 - Computer Concepts
OR CIS120A - Intro to Computer Information Systems

CIS102EW - Intermediate Electronic Spreadsheets

Overview

Department(s)

Comp Info Systems/Business

Course Description

The student will use advanced formulas and functions, built-in data and table features, and perform what-if analysis using solver and scenarios. Advanced charting and formatting skills will also be covered. Suffix: EW stands for Excel for Windows.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

CIS-101EW may be taken previously OR concurrently

Complete ALL of the following Courses:

- CIS101EW - Intro to Electronic Spreadsheets

CIS104A - Intro to Networks (CISCO 1)

Overview

Department(s)

Comp Info Systems/Business

Course Description

This course introduces the architecture, structure, functions, components, and models of the Internet and other computer networks. The principles and structure of IP addressing and the fundamentals of Ethernet concepts, media, and operations are introduced to provide a foundation for the curriculum. By the end of the course, students will be able to build and test simple LANs, perform basic configurations for routers and switches, and implement 1Pv4 and IPv6 addressing schemes. This is the first course in a series of four courses at MCC that prepares students for CISCO CCNA certification.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

CIS 110 may be taken previously OR concurrently

Complete ALL of the following Courses:

- CIS110 - Computer Concepts

Additional Comments:

If you have previously taken CIS-120A, please see a counselor.

CIS105A - Switching, Routing & Wireless (CISCO 2)

Overview

Department(s)

Comp Info Systems/Business

Course Description

This course describes the architecture, components, and operations of routers and switches in larger and more complex networks. Students Learn how to configure routers and switches for advanced functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with VLANs, inter-VLAN routing, STP and FHRP's. Students will also learn the basics of security in WLANs and network switches to configure devices using security best practices. This is the second course in a series of four courses at MCC that prepares students for CISCO CCNA certification.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

CIS-110 (taken previously OR concurrently)

Note: Students will be allowed to register for both CIS-104A and CIS-105A during the same semester. However, if student does not pass CIS-104A with at least a C- or higher in the first half of the semester, they will not be allowed to continue in CIS-105A in the later part of the semester.

Earn a minimum grade of C- in the following:

- CIS104A - Intro to Networks (CISCO 1)
AND CIS110 - Computer Concepts

Additional Comments:

If you have previously taken CIS-120A, please meet with a counselor.

CIS108 - Intro to AI

Overview

Department(s)

Comp Info Systems/Business

Course Description

This course provides a comprehensive, non-technical introduction to Artificial Intelligence (AI). Students will examine the foundational concepts of AI and its transformative application across diverse industries, supported by current case studies and real-world use cases. Emphasis is placed on practical skill development, including building foundational AI workflows and intelligent agents using accessible, no-code platforms. The curriculum also includes instruction on the effective and private utilization of Large Language Models (LLMs) on local computing resources, independent of cloud services. Upon completion, students will possess a strong conceptual understanding of AI and the practical capabilities to strategically leverage these powerful tools in both professional and personal contexts.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Requirements

None

CIS109A - Comptia A+ Part A

Overview

Department(s)

Comp Info Systems/Business

Course Description

This course provides students with the necessary skills to diagnose, update, and repair the physical components of a personal computing device. Students will become comfortable with the replacement of all internal components such as motherboards, processors, memory, and storage devices. Students will also work with I/O devices, the setting up and troubleshooting of small networks and be introduced to the setting up and working with mobile devices.

Semester Offering

Fall Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

CIS-110 and CIS-120A may be taken previously OR concurrently with CIS-109A

Complete ALL of the following Courses:

- CIS110 - Computer Concepts
AND CIS120A - Intro to Computer Information Systems

CIS110 - Computer Concepts

Overview

Department(s)

Comp Info Systems/Business

Course Description

A survey course on computer concepts and applications associated with the current generation of computer technology. In addition, technological trends and the potential impact computers have on careers and lifestyles are discussed. Computer Concepts also provides hands-on work with computers through the introduction of commonly used application packages: word processing, electronic spreadsheets, presentation graphics, and Internet browsing software within the Windows operating environment.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Requirements

None, other than what is already there.

CIS119PP - Introduction to Presentation Graphics

Overview

Department(s)

Comp Info Systems/Business

Course Description

This is a hands-on course designed for people with little or no previous experience with slide show management. The student will design professional-looking slide shows using themes, animation, slide transitions, graphics, sound, and video. Suffix: PP stands for PowerPoint for Windows.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ANY of the following Courses:

- CIS100 - Introduction to PC's-Windows
OR CIS110 - Computer Concepts
OR CIS120A - Intro to Computer Information Systems

CIS120A - Intro to Computer Information Systems

Overview

Department(s)

Comp Info Systems/Business

Course Description

A business-oriented introduction to data processing principles and information systems. Course topics include the analysis and design of business computer systems, the components of a computer system, the capabilities and limitations of computer technology, and careers for the information age. Students work with computers by learning to operate Internet browsers, electronic spreadsheets, and database systems within the Windows operating environment along with programming computers using popular programming languages. Students are expected to be able to use word processing software before enrolling in this course. This course was formerly offered as CIS120: Introduction to Data Processing.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Recommended prerequisite: BUS-179 Keyboarding or equivalent

CIS142 - Windows Client Administration

Overview

Department(s)

Comp Info Systems/Business

Course Description

This course prepares students for Windows client administration on a network and supporting users in an enterprise environment. Students will prepare for a certification exam by studying three major topics areas. First, implement Windows to include preparing installation requirements, installing Windows, configuring devices and drivers, performing post installation configuration, and implementing Windows in an enterprise environment. Second, configure and support core services to include configuring of networking, storage, data access and usage, remote management, along with implementing apps. Third, manage and maintain Windows to include configuring update, system and data recovery, authorization and authentication, advanced management tools as well as monitor windows.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ANY of the following Courses:

- CIS110 - Computer Concepts
OR CIS120A - Intro to Computer Information Systems

CIS143A - Windows Server Admin I

Overview

Department(s)

Comp Info Systems/Business

Course Description

This course provides preparation for a Microsoft Windows Server certification exam towards MCSA (Microsoft Certified Solutions Associate). This course provides for the installation, practice, and working with the Microsoft Server operating system. Students will study and prepare for certification topics, such as: planning for server deployment, the ability to work with PowerShell commands, monitoring and maintaining servers, working with server roles, working with server storage and file systems, and server virtualization.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ANY of the following Courses:

- CIS110 - Computer Concepts
OR CIS120A - Intro to Computer Information Systems

CIS153A - Introduction to Data Base Management

Overview

Department(s)

Comp Info Systems/Business

Course Description

This is a hands-on course designed for people with little or no experience with database management software. The student will create, manipulate and query relational databases along with developing data entry forms and reports.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ANY of the following Courses:

- CIS110 - Computer Concepts
OR CIS120A - Intro to Computer Information Systems

CIS183 - Networking Technologies

Overview

Department(s)

Comp Info Systems/Business

Course Description

This course focuses on essential issues related to data communications and networking technologies. Topics include established networking standards and terminology, the OSI model, physical and logical network topologies, the use and function of various networking hardware, media, protocols, and the fundamentals of internetworking.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ANY of the following Courses:

- CIS110 - Computer Concepts
OR CIS120A - Intro to Computer Information Systems

CIS185 - 'C' Programming

Overview

Department(s)

Comp Info Systems/Business

Course Description

The major elements of the C programming language are introduced through a series of applications featuring C program structure, variables, integer and floating-point arithmetic, looping, conditionals, arrays, functions, strings, pointers, structures and sequential file syntax. Syntactical, structural and procedural differences of C++ object-oriented methodologies are integrated into the course after a firm foundation in standard C is presented.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- CIS120A - Intro to Computer Information Systems

CIS186 - Python Programming

Overview

Department(s)

Comp Info Systems/Business

Course Description

This course provides an introduction to Python through the use of basic programming concepts like decisions and loops, data types, input/output statements, strings, dictionaries and tuples. There will also be introductory coverage of object-oriented programming concepts using Python. The course will allow those with no programming experience the ability to learn programming basics through Python and more experienced programmers will be given the opportunity to expand their knowledge with a new programming language. This course is suitable for both CIS and non-CIS majors interested in exposure to one of the most desired languages used in software development, networking, business, science, economics, sociology, data science, health care and other fields.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Corequisite

Type

Corequisite

Enroll in the following Courses:

- CIS110 - Computer Concepts
OR CIS120A - Intro to Computer Information Systems

Or instructor permission

CIS199 - Internet Content Management Systems Cms

Overview

Department(s)

Comp Info Systems/Business

Course Description

Internet Content Management Systems provide system administrators, web designers, and content creators an interface for managing online content. This course provides an introduction to these systems (examples of CMS include: WordPress, Drupal, Movable Type and Joomla). Students will determine Content Management System (CMS) features and system requirements, install a CMS from scratch and configure administrative options on the CMS. Administrative functions will include implementation of security and publishing permissions, extension of basic CMS installations through plugins and customization of the CMS through use of design themes for delivery to both traditional and mobile users. Students will use their CMS installation to create and maintain both static and dynamic content throughout the course.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- CIS257A - HTML Internet for Web Page Design

CIS202A - IT SEC & Automation (CISCO3)

Overview

Department(s)

Comp Info Systems/Business

Course Description

This course continues to describe the architecture, components, security, and operations of routers and switches in larger and more complex networks including Wide Area Networks. Students will learn to configure single area OSPF, explain vulnerabilities, threats, and exploits and how to mitigate to enhance network security. Learn how to implement ACLs, NAT, IpSEC VPNs, QOS, learn how to monitor today's networks, learn troubleshooting techniques and skills, and learn how to network automation and virtualization are used in today's networks. This is the third course in a series of four courses at MCC that prepares students for CISCO CCNA certification.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C- in the following:

- CIS105A - Switching, Routing & Wireless (CISCO 2)

CIS204 - CCNA Cybersecurity (CISCO 4)

Overview

Department(s)

Comp Info Systems/Business

Course Description

Today's organizations are challenged with rapidly detecting cybersecurity breaches and effectively responding to security incidents. Teams of people in Security Operations Centers (SOCs) keep a vigilant eye on security systems, protecting their organizations by detecting and responding to cybersecurity threats. This course prepares students to begin a career working with associate-level cybersecurity analysts within both security operations centers, and as part of a network security team at an organization.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Note: Students will be allowed to register for both CIS-202A and CIS-204 at the same time. However, if the student does not pass CIS-202A with a C- or higher they will not be allowed to continue with CIS-204.

Earn a minimum grade of C- in the following:

- CIS202A - IT SEC & Automation (CISCO3)

CIS209A - Comptia A+ Part B

Overview

Department(s)

Comp Info Systems/Business

Course Description

This course is designed to take the successful CIS-109A student to the next, more in-depth level of personal computer maintenance and repair. Students will become comfortable with the installation (including virtualization), troubleshooting and maintenance of operating systems, peripheral devices, and system security strategies. It is recommended that students complete CIS-143 prior to taking the CompTIA A+ exam.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- CIS109A - Comptia A+ Part A

CIS211 - Data Visualization

Overview

Department(s)

Comp Info Systems/Business

Course Description

This course introduces students to the principles, process, and practice of data visualization. This course emphasizes critical thinking, design literacy, and data storytelling over rote technical skills. Students will explore a structured step-by-step process that integrates conceptual, analytical, editorial, and visual thinking to create effective, meaningful, and aesthetically compelling visualizations.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Corequisite

Type

Corequisite

Enroll in the following Courses:

- CIS110 - Computer Concepts
OR CIS120A - Intro to Computer Information Systems

Coreq can be previously or concurrently.

CIS216 - Introduction to Data Science

Overview

Department(s)

Business

Course Description

This course will give students an introduction to the main tools and skills needed for a strong foundation in data science. Topics of discussion include probability and statistics, regression, machine learning, data collection and wrangling, ETL management, and causal inference. Students will learn how to properly collect and analyze data and use mathematical and economic tools to make informed decisions and deliver clear presentations to relevant stakeholders.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- CIS186 - Python Programming

Complete at least 1 of the following courses:

- MATH115A - Probability and Statistics
OR MATH215A - Statistics for Science & Engineering

CIS228 - JavaScript

Overview

Department(s)

Comp Info Systems/Business

Course Description

Students will learn how to program using JavaScript and implement scripts on web pages. In addition to JavaScript, students will develop utilizing HTML and CSS. Students will utilize JavaScript frameworks, integrate external API's as well as develop efficient user interfaces. Students will work with the Document Object Model (DOM) and will utilize JQuery, Ajax and JSON.

Semester Offering

Fall Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- CIS257A - HTML Internet for Web Page Design

CIS231 - Applied Data Science

Overview

Department(s)

Comp Info Systems/Business

Course Description

This capstone course will give students an opportunity to build additional skills and experience in the field of data science. A rotation of faculty and/or community speakers will give students access to new relevant tools in the field (AI, Learning, Big Data, etc.). Students will engage in both individualized and team-based activities to sharpen technical skills and build a portfolio or online repository. The course culminates in the class completing a data science-related project for a community or business partner. Students will properly collect, clean, and analyze data using the tools learned in the program to make informed decisions and deliver clear professional presentations to the relevant project stakeholders.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Corequisite

Type

Corequisite

Enroll in the following Courses:

- CIS216 - Introduction to Data Science

CIS250 - Developing Information Systems

Overview

Department(s)

Comp Info Systems/Business

Course Description

This course reviews and applies traditional systems development methodologies implemented by project teams. Classroom discussion centers on the design and development of user-oriented information systems. Course content includes feasibility studies, systems analysis, design concepts, and implementation strategies.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Requirements

Type

Prerequisite

Complete at least 1 of the following courses:

- OR CIS185 - 'C' Programming
- OR
- OR CIS267PHP - Server-Side Web Programming Using Php
- OR CIS282 - Visual C# Programming

Or Instructor Permission with current enrollment in one of these courses.

CIS253A - Database Design/Implementation

Overview

Department(s)

Comp Info Systems/Business

Course Description

This course provides students with systems development experience within a database environment. Fourth-generation languages using structured query language (SQL), report generators, and other system design tools are used in conjunction with case studies to provide real-life applications of the systems development process.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete at least 1 of the following courses:

- CIS153A - Introduction to Data Base Management
- CIS186 - Python Programming

Students are encouraged but not required to take some programming language before this class, unless they take CIS 186 to meet the pre-requisite for this course.

CIS257A - HTML Internet for Web Page Design

Overview

Department(s)

Comp Info Systems/Business

Course Description

Students will learn the fundamentals of Hypertext Markup Language (HTML5), CSS and web page design. Students will use internet browsers, image editors, IDEs and text editing software to create and edit web pages for traditional computers and mobile devices. They will also learn to create a web page and publish a website on the Internet using File Transfer Protocols (FTP). Students will be expected to critique other web pages and, there will be demonstrations of JavaScript, the DOM model and other Internet tools.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ANY of the following Courses:

- CIS110 - Computer Concepts
OR CIS120A - Intro to Computer Information Systems

or CIS-120A co-req for CIS majors with Instructor Permission

CIS258 - Advanced HTML Web Development

Overview

Department(s)

Comp Info Systems/Business

Course Description

HTML provides the foundation of web pages on the Internet. This class assumes a basic understanding of basic HTML and CSS. In this class students will use a project-driven approach to learn advanced techniques that will bring together the student's knowledge of basic HTML, CSS and Web design. Using HTML5 students design, build and launch interactive, multi-media web-based applications for mobile, notebook and desktop audiences.

Semester Offering

Fall Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- CIS257A - HTML Internet for Web Page Design

CIS267PHP - Server-Side Web Programming Using Php

Overview

Department(s)

Comp Info Systems/Business

Course Description

This course is an introduction to the server-side scripting language for use in the creation and maintenance of interactive web sites that access online databases. Students design, code, test, debug and navigate interactive web sites using server-side programming. Topics will include broad exposure to language-specific functions and processes, security and file uploads and writes, along with database functionality including reads, writes, selects (searches), inserts and updates. This technology is widely used within Internet applications including blogs, search engines, e-commerce shopping carts, discussion forums, content management systems and social networking platforms.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- CIS257A - HTML Internet for Web Page Design

CIS275 - Linux Operating System

Overview

Department(s)

Comp Info Systems/Business

Course Description

This course provides introductory coverage of Linux operating system. Students will learn the fundamentals of Linux operating system and its environment, both from a user's and administrator's standpoint. Specific topic coverage includes: installation, configuration, basic Linux administration; exploring the Desktop environments; understanding the text commands; using the Shell; understanding users and filesystems; managing processes; basic Linux networking; using network clients; understanding system initialization; managing software packages and filesystems; managing users and groups; configuring networks; understanding system and kernel management. We will also cover a few advanced topics that include network file sharing (NFS) services, security, and Samba. We will use the Red Hat's free open-source Linux operating system, known as Fedora, as our primary operating system. This course also serves as a guideline that maps to the CompTIA Linux+ certification exam.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ANY of the following Courses:

- CIS110 - Computer Concepts
OR CIS120A - Intro to Computer Information Systems

Recommended Prerequisite: CIS 143

CIS280 - Java Programming

Overview

Department(s)

Comp Info Systems/Business

Course Description

This course addresses advanced level object-oriented programming techniques using the Java programming language. Coverage includes construction of basic Java programs, use of input/output and other common instance and static methods, unique syntactical constructs, conditions and iteration, differences between the C++ environment and the Java environment, the acquisition and installation of the Java compiler and runtime platform, and the interpretation of common errors and warnings. These concepts are presented through the use of extensive examples and assignments.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- CIS186 - Python Programming

CIS282 - Visual C# Programming

Overview

Department(s)

Comp Info Systems/Business

Course Description

The C programming language, from Microsoft, will be introduced to the students from within the .NET framework. Students will study, design and write programs in the object-oriented format while becoming familiar with the fundamentals of C and of the .NET environment. The C (C Sharp) programming language, from Microsoft's Visual Studio (VS) development framework, is introduced and then used to present the visual programming environment, the object-oriented programming environment and the .NET environment. Students will learn to work with the VS interface to develop skills in developing projects and managing objects. Programming techniques will focus on decisions, looping, data management, and exception management.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- CIS280 - Java Programming

or Instructor Permission

CIS283B - Windows Server Admin II

Overview

Department(s)

Comp Info Systems/Business

Course Description

This course provides preparation for Microsoft Server certification exams towards MCSA (Microsoft Certified Solutions Associate). This course provides for preparation and practice of certification exam topics such as: implementing, managing, and maintaining IP addressing, maintaining name resolution using the Domain Name System (DNS), installing and working with Dynamic Host Configuring Protocol (DHCP), implementing routing and remote access, installation and configuration of Active Director Domain Services (AD DS), working with Organization Units (OUs) and managing group policies.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- CIS143A - Windows Server Admin I

CIS287A - Digital Video Editing and Production

Overview

Department(s)

Comp Info Systems/Business

Course Description

Prereqs: CIS-110 or CIS-120A This course serves as an introduction to elements and principals of digital video production and editing work. Students may be exposed to applications such as news, corporate and organizational communications and fine art productions. Topics covered include importing still and video images, audio editing, cutting scenes, transitions, basic and advanced titling, compositing, slow and fast motion, color balance, and exporting projects to a variety of industry-standard formats. Additional costs may include materials such as stereo headsets and removable read/write storage media as specified by the current syllabus.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

CIS293A - Network Security

Overview

Department(s)

Comp Info Systems/Business

Course Description

This course is offered as a lecture/hands-on course relative to computer network security. The class will cover the core objectives of the Security + certification exam including: the knowledge and skills required to install and configure systems to secure applications, networks, and devices; perform threat analysis and respond with appropriate mitigation techniques and participate in risk mitigation activities. Among the topics covered will be the core knowledge required to support the principles of confidentiality, integrity, and availability.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- CIS183 - Networking Technologies

CIS297AI - Introduction to Artificial Intelligence

Overview

Department(s)

Business

Course Description

"Introduction to AI" is a comprehensive 15-week course designed to provide a foundational understanding of Artificial Intelligence, from its core concepts and ethical considerations to practical applications in business and hands-on experience with Large Language Models (LLMs). Through case studies, workshops, and practical exercises, students will learn to understand the building blocks of AI, explore its societal impact, apply AI in various business contexts, master prompt engineering for LLMs, and even build simple AI workflows and agents without code, culminating in the brainstorming and planning of their own AI projects. This course is ideal for anyone looking to gain confidence and practical skills in the rapidly evolving field of AI.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

CJ101 - Introduction to Law Enforcement

Overview

Department(s)

Criminal Justice

Course Description

A study of the organization and jurisdiction of local, state, and federal law enforcement, judicial, and correctional systems. Also includes the history and philosophy, career opportunities and qualifying requirements, terminology and constitutional limitations of the system.

Semester Offering

Fall and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Requirements

None

CJ102 - Police Administration I

Overview

Department(s)

Criminal Justice

Course Description

A study of the principles of police administration and organization; administration of staff units; function and activities of Criminal Justice Agencies.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

CJ104 - Criminology

Overview

Department(s)

Criminal Justice

Course Description

The study of deviance and society's role in defining behavior. Theories of criminality and the economic, social, and psychological impact of crime, victimization, and relationship between statistics and crime trends.

Semester Offering

Fall Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Requirements

N/A

CJ109 - Crime Prevention & Juvenile Delinquency

Overview

Department(s)

Criminal Justice

Course Description

A practical study of the history and development of juvenile justice theories, procedures and institutions. Problems of juvenile delinquency, theories of causation and prevention programs. Police prevention programs, juvenile courts, federal, state and local treatment and prevention.

Semester Offering

Fall Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Requirements

none

CJ201 - Criminal Law

Overview

Department(s)

Criminal Justice

Course Description

The study of the philosophy of legal sanctions and their historical development, from common law to modern American criminal law. Includes the judicial process, classification of crimes, elements of and parties to crimes, general definitions of crimes, and common defenses.

Semester Offering

Fall Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

CJ202 - Police Administration II

Overview

Department(s)

Criminal Justice

Course Description

The study of theories, procedures and methods of operation of public police with emphasis on discretionary powers. This course is a study of the administration of police line operations; including theories, types and methods of patrol, liaison between units, enforcement policy, manpower distribution and analysis of operations. We will discuss the operation of the detective and juvenile divisions and such problems as organized crime, vice, etc. Also includes a review of career opportunities and current trends in law enforcement.

Semester Offering

Fall Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

CJ204 - Criminal Investigation

Overview

Department(s)

Criminal Justice

Course Description

An introduction to criminal investigation procedures including theory of investigation, conduct at crime scene, collecting and preservation of criminal evidence. Methods in the use of police science laboratory, fingerprinting, ballistics, documents, report writing and procedures in the courtroom are covered. Additionally, study in case preparation, interviewing, and basic investigative techniques will be included.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

Requirements

Requirements

None

CJ206 - Evidence and Crime Procedure

Overview

Department(s)

Criminal Justice

Course Description

This course deals with rules of evidence of particular import at the operational level in law enforcement and with criminal procedures in important areas such as arrest, force and search and seizure. An introduction to major court holdings, procedural requirements that stem from these holdings, and their effects on daily operations of the criminal justice system.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

Requirements

Requirements

None

CJ207 - Police and Community Relations

Overview

Department(s)

Criminal Justice

Course Description

The primary objective of this course is to acquaint the student with the need for the police to become a part of the community rather than apart from it. An examination of the attitude of people towards the police, as well as the feelings of the police about the community they are sworn to protect will be made. Public relations will be distinguished from community relations. The image of the police will be examined as well as the current methods being used by police agencies to better their relations with the community. A study of the police officer's role in attaining and maintaining public support. Including recognition and understanding of community problems, community action programs, methods of coping with crisis situations, victimology, ethics and minority cultures, environments, crime prevention and police operations.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

CJ250 - Corrections I

Overview

Department(s)

Criminal Justice

Course Description

History, development and philosophy of corrections; tribal and biblical antecedents; Western adaptations; developments in the U.S.; current forms and approaches to include probation, parole, medium security concepts; the work of related agencies.

Semester Offering

Fall Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

CJ251A - Legal Issues in Corrections

Overview

Department(s)

Criminal Justice

Course Description

Exploration of probation, sentencing and philosophies, legal concepts applicable to probation, parole, sentencing and incarceration; objectives of the correctional process and factors influencing correctional decision-making.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Requirements

none

CJ252A - Correctional Institutions/Facilities

Overview

Department(s)

Criminal Justice

Course Description

This course is designed to provide a more in-depth study of corrections as part of the Criminal Justice System and specific discussions of the evolution of corrections, organization and development of jails in America, alternatives to incarceration, probation, parole and the concept of community-based corrections. Emphasis will be placed on community-based corrections and corrections as it could be in the year 2000. The course will provide the student with a background for coursework in corrections. Particular emphasis will be placed on the Michigan Department of Corrections with some discussions of alternatives to the current correctional philosophy in Michigan.

Semester Offering

Fall Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

CJ257 - Client Relations in Corrections

Overview

Department(s)

Criminal Justice

Course Description

This course is designed to provide a basic understanding of the meaning and function of culture, the impact and meaning of discrimination and discussion of the various minorities represented in the State of Michigan. Attitude formation, including such topics as self-perception, human relations, and group and peer pressure will be studied. Affirmative action will be highlighted.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

CJ258A - Client Growth and Development

Overview

Department(s)

Criminal Justice

Course Description

This course is designed to examine the growth and development of the correctional client, with particular emphasis on early environment, psychological and sociological factors. Specific problems such as substance abuse, sexual deviations, medical disorders and mental disorders will be discussed. Intervention strategies will be considered.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

CJ258ASUP - Client Growth & Dev Supplement

Overview

Department(s)

Criminal Justice

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

CJ290CI - Cooperative Internship

Overview

Department(s)

Criminal Justice

Course Description

The Cooperative Internship Program is a paid or non-paid field work experience in the industry within the student's major area of study. Variable credit (1-4 cr. hrs. per semester) may be earned dependent upon the number of work hours available from the employing organization. A student may sign up for as many internships as desired, however, the number of credit hours which can be applied towards a degree/certificate depends on the student's course of study and departmental requirements. The maximum number of hours of cooperative internship is 12 credit hours depending upon the program. This course is offered on a pass/no pass basis.

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

CJ290CI1 - Cooperative Internship

Overview

Department(s)

Criminal Justice

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

CJ290CI2 - Cooperative Internship

Overview

Department(s)

Criminal Justice

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

COM101 - Oral Communications

Overview

Department(s)

Communications

Course Description

An introduction to the fundamentals of oral communications. Study and application of intrapersonal, interpersonal, small group, and public speaking. Class presentations are required.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

COM102 - Mass Media

Overview

Department(s)

Communications

Course Description

To create an awareness and understanding of the history, structure and effect of mass media systems. (Includes newspapers, film, radio and television.)

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

COM107 - Introduction to Journalism

Overview

Department(s)

Communications

Course Description

A basic course stressing the news-gathering techniques and news-writing style utilized by newspapers, radio and television. Includes an orientation to style, copy-reading, editing, headline writing, and page layout.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- ENG101 - English Composition

COM112 - Audio Production

Overview

Department(s)

Communications

Course Description

A basic course in the fundamentals, principles, practices, and techniques of radio production. Laboratory hours by arrangement.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

COM113 - Practical Radio

Overview

Department(s)

Communications

Course Description

A continuation of COM 112 designed to give the student the opportunity to develop skill and experience at a local radio station.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- COM112 - Audio Production

COM201 - Public Speaking

Overview

Department(s)

Communications

Course Description

A consideration of the principles of public speaking with emphasis on the theories of argumentation and persuasion. Class performances required.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

COM203 - Introduction to Cinema

Overview

Department(s)

Communications

Course Description

An introduction to the art of film; the course will include representative foreign and domestic films, at least one documentary film, and several (2-4) experimental and/or underground films. In addition to thematic study of films, the course explores the various elements of moviemaking (i.e., script, light, sound, color, acting, directing, editing).

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- ENG102 - English Composition

COM212 - Television Production

Overview

Department(s)

Communications

Course Description

A basic course designed to acquaint the student with the principles, practices, and techniques of television production. Within an operating television studio, students gain hands-on experience operating studio cameras, recording devices, a video switcher, lighting, audio mixing, microphone setup, teleprompter, monitors, props, green screens and other accessories. Activities involving scripting, storyboarding, editing, safety and security will also be provided.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

1

COM290CI - Cooperative Internship

Overview

Department(s)

Communications

Course Description

The Cooperative Internship Program is a paid or non-paid work experience in broadcasting/multi-media within the student's major area of study. Variable credit hours (1-4Cr. Hrs. per semester) may be earned dependent upon the number of work hours available from the employing organization. A student may sign up for as many internships as desired; however, the number of credit hours which can be applied toward a degree/certificate depends on the student's course of study and departmental requirements. The internship course starting and ending dates are determined on an individual basis. This course is offered on a pass/no pass basis.

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

COM290CI1 - Cooperative Internship - 1 Cr.

Overview

Department(s)

Communications

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

COM290CI4 - Communication Internship - 4 C

Overview

Department(s)

Communications

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in
excess of Credit

Hours:

0

CSS100A - College Success Seminar

Overview

Department(s)

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Course Description

This course helps students develop, apply, and evaluate their own skills, abilities, and behaviors to achieve academic and personal success: effective note taking, productive study skills & test preparation, reading and remembering, critical thinking, library skills, navigating online course content, free career and job resources, stress management, relationships, connecting with campus resources, and winning attitudes. Students are required to utilize a minimum of 2 campus resources or attend 2 college events outside of class; they may choose from a variety of options on campus, online, or at off-campus locations. Most are free with student ID.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit

Hours:

0

DMU101 - Audio Recording I

Overview

Department(s)

Music

Course Description

An introduction to the fundamental principles, practices, and techniques of audio and music production.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit

Hours:

0

Requirements

Requirements

n/a

DMU102 - Audio Recording II

Overview

Department(s)

Music

Course Description

A study of audio signal processing theory, history, and application using current industry standard technology. Includes an emphasis on developing skills in the operation of hardware and software to manipulate digital audio recordings.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- DMU101 - Audio Recording I

DMU103 - Audio Recording III

Overview

Department(s)

Music

Course Description

Advanced application of audio production techniques, including editing and effects, project planning and mixing.

Semester Offering

Summer Session Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- DMU102 - Audio Recording II

DMU104 - Live Audio Production

Overview

Department(s)

Music

Course Description

This course will provide the student with an understanding of the goals, objectives, and processes of live sound support. Study will address understanding and use of analogue and digital amplifiers and speakers, mixing for Front-Of-House, monitors, and other destinations, selection of a system to fit the venue, an introduction to speaker positioning and alignment, selection, and use of microphones, reading and following stage plot diagrams, cable management, and basic troubleshooting. Students will meet in a variety of venues.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- DMU101 - Audio Recording I

DMU110 - Intro to MIDI and Digital Instruments

Overview

Department(s)

Music

Course Description

Since the 1980s, MIDI has been the language of communication between digital instruments. Students will learn the essential principles of this language, explore some of the thousands of digital instruments, both synthesized and sampled, and learn to create their own in a state-of-the-art audio studio.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- DMU101 - Audio Recording I

DMU111 - Popular, Folk, World Music Form & Style

Overview

Department(s)

Music

Course Description

Explore various types of world music and learn how to recreate it in arrangements or composition. Discover other "classical music" traditions (Iran, India, and China), American pop music (jazz, blues, rock, pop, new age), and folk music from around the world. Throughout the survey of these various styles, learn how to analyze unfamiliar music and even how to reproduce it through performance, arrangement, or composition.

Semester Offering

Summer Session Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- MU102 - Music Theory

DMU201 - Digital Music & Audio Capstone Project

Overview

Department(s)

Music

Course Description

The Capstone Project course is the last in the sequence for the Digital Music and Audio Production certification program. The content of the project will be determined by the student under the guidance of faculty. Students in the audio track will focus on the production of professional audio while students in the music track will focus on the creation of a set of recordings of their original compositions.

Semester Offering

Summer Session Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prereq: Completion of all previous coursework for audio or music track certification

DNC100 - Modern Dance I

Overview

Department(s)

Dance

Course Description

Basic exercises and technique for the beginning student in modern dance. Movement, rhythmic and compositional forms will be studied.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

DNC102 - Ballet I

Overview

Department(s)

Dance

Course Description

Beginning and intermediate level Ballet dance exercises, techniques, and Ballet dance sequences will be taught in this course.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

DNC101 - Modern Jazz Dance I

Overview

Department(s)

Dance

Course Description

Basic dance exercises, technique, and jazz sequences will be taught in this course. Students will gain the ability to recognize appropriate music and various phases of jazz dance history.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

DNC105 - Dance Appreciation and Intro to Dance

Overview

Department(s)

Dance

Course Description

This course is designed for students interested in learning to appreciate, understand, discuss, and critically investigate dance. This course introduces students to the art of dance through physical, creative, and analytical experiences. Students will explore basics of concert dance styles, including Jazz, Hip-Hop, Ballet, and Modern/Contemporary Dance. To better understand dance as more than just a physical activity, the historical, cultural and socio-economic backgrounds of different forms will be studied through selected readings and videos as well as class discussions. Particular attention will be paid to the topics of race, gender, class, ability, and environmental justice. This is an experience-oriented course and requires that students attend a dance performance outside of class.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Requirements

none

DNC106 - Social Dance I

Overview

Department(s)

Dance

Course Description

Beginning dance steps and techniques relating to social dance, including ballroom and contemporary novelty dances. A study of the history, music and rhythms that are related to social dance.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

DNC107A - Intro to Intermediate Ballet Technique

Overview

Department(s)

Dance

Course Description

An introductory/intermediate ballet course which focuses on basic placement concepts, transfer of weight, core strength, and the positioning of the body in space. Proper alignment will be stressed in all of the exercises at the barre and in the centre. Centre work is designed to impart traveling, turning, and jumping skills including en dehors pirouettes, traveling turns, basic petite allegro and grand allegro vocabulary. Emphasis will be placed on coordination, musicality and transitions, and on artistic expression and performance.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

No Prerequisites

DNC107B - Intro to Intermediate Ballet Technique

Overview

Department(s)

Dance

Course Description

An introductory/intermediate ballet course which focuses on basic placement concepts, transfer of weight, core strength, and the positioning of the body in space. Proper alignment will be stressed in all of the exercises at the barre and in the centre. Centre work is designed to impart traveling, turning, and jumping skills including en dehors pirouettes, traveling turns, basic petite allegro and grand allegro vocabulary. Emphasis will be placed on coordination, musicality and transitions, and on artistic expression and performance.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- DNC107A - Intro to Intermediate Ballet Technique

Or instructor permission

DNC109A - Intro Modern and Contemporary Dance

Overview

Department(s)

Dance

Course Description

Studio course training in introductory traditional and contemporary modern dance technique, building upon the foundation of coordination, alignment, spatial awareness, range of movement, dynamics, rhythmic phrasing, and its potential for expression as an art form. Students will become familiar with modern dance terminology and progressions, including exercises and movement phrases on all vertical levels.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

No Prerequisites

Requirements

none

DNC138A - Dance Choreography & Design

Overview

Department(s)

Dance

Course Description

This is a course focusing on introductory choreographic skills. The investigation of root dance elements like time, space, shape, and energy, as well as movement generation through guided improvisation will serve as the foundation for the creative choreographic process. In this course we will practice the articulation of creative ideas and critical observations. Concepts will be explored both as soloists and in small groups, and may be applied to any genre of dance.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

Requirements

None

DNC200 - Modern Dance II

Overview

Department(s)

Dance

Course Description

Intermediate work in modern dance composition and technique. History of modern dance is also studied as well as different dance forms used in composing dance.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- DNC100 - Modern Dance I

DNC201 - Modern Jazz Dance II

Overview

Department(s)

Dance

Course Description

Continuation of beginning and intermediate level jazz dance exercises, techniques and sequences will be taught in this course.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- DNC101 - Modern Jazz Dance I

DNC206 - Social Dance II

Overview

Department(s)

Dance

Course Description

Intermediate dance steps, variations, and techniques relating to social dance, including ballroom and contemporary novelty dances. A study of history, music, and rhythms that are related to social dance. Field trips to either a dance club or workshop in social dance are offered with this course and additional fees may be required.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- DNC106 - Social Dance I

DNC207A - Intermediate Ballet

Overview

Department(s)

Dance

Course Description

An intermediate ballet course with a continuation of barre and centre work and phrases across the floor with a focus on placement concepts, transfer of weight, core strength, and the positioning of the body in space. Proper alignment will be stressed in all the exercises at the barre and in the centre. Centre work is designed to impart traveling, turning, and jumping skills including en dehors en dedans pirouettes, traveling turns, petite allegro and grand allegro vocabulary. Emphasis will be placed on coordination, musicality and transitions, movement quality, as well as on artistic expression and performance.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

DNC 107 Ballet I A and DNC 107 Ballet I B or instructor permission

Requirements

DNC 107 Ballet I A and DNC 107 Ballet I B or instructor permission

DNC209A - Modern/Contemporary Dance II

Overview

Department(s)

Dance

Course Description

Intermediate studio course training in traditional and contemporary modern dance technique, building upon the foundation of coordination, alignment, spatial awareness, range of movement, dynamics, musicality, breath, and artistic expression. Students will further enhance modern and contemporary dance terminology and progressions, including exercises and movement phrases on all vertical levels.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

DNC 109 Modern Dance I A and DNC 109 Modern Dance I B or instructor permission

Requirements

DNC 109 Modern Dance I A and DNC 109 Modern Dance I B or instructor permission

DNC210A - Repertory Dance Tour Company

Overview

Department(s)

Dance

Course Description

Credit will be given for practical work as a dancer for participating in the Repertory Dance Tour Company. This company will tour area schools, organizations, institutions, etc., presenting creative and educational aspects of performing dance. Performing dance positions by audition only prior to class registration.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

2

DNC210B - Repertory Dance Tour Company

Overview

Department(s)

Dance

Course Description

Credit will be given for practical work as a dancer for participating in the Repertory Dance Tour Company. This company will tour area schools, organizations, institutions, etc., presenting creative and educational aspects of performing dance. Performing dance positions by audition only prior to class registration.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

2

DNC210C - Repertory Dance Tour Group

Overview

Department(s)

Dance

Course Description

Credit will be given for practical work as a dancer for participating in the Repertory Dance Tour Company. This company will tour area schools, organizations, institutions, etc., presenting creative and educational aspects of performing dance. Performing dance positions by audition only prior to class registration.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

2

DNC210D - Repertory Dance Tour Company

Overview

Department(s)

Dance

Course Description

Credit will be given for practical work as a dancer for participating in the Repertory Dance Tour Company. This company will tour area schools, organizations, institutions, etc., presenting creative and educational aspects of performing dance. Performing dance positions by audition only prior to class registration.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

2

ECON101A - Principles of Macroeconomics

Overview

Department(s)

Economics

Course Description

A course appropriate for economics, social science, business administration, and engineering majors, and any other students interested in how their economic system works. This is a course in macroeconomics, which attempts to show how a market system determines levels of employment and unemployment, and the factors affecting inflation and economic growth. Various theories of the macro economy are examined. Government attempts at economic stabilization, including the role of the Federal Reserve System are discussed.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Recommended Prereq.: MATH-098 or higher with a grade of C or better.

ECON102A - Principles of Microeconomics

Overview

Department(s)

Economics

Course Description

A course in microeconomics, especially suited for social science, business, and engineering majors. Various types of competition and how these affect decision making by the firm are discussed. Price and output determination by the firm are also examined. Other topics include the pricing of resources, the role of trade unions, international trade and finance, income distribution and poverty, and the basic characteristics of the economic systems of selected countries other than the United States.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Recommended Prereq.: MATH-098 or higher with a grade of C or better.

ED101B - Introduction to Education

Overview

Department(s)

Education

Course Description

A comprehensive survey of teaching, stressing objectives and philosophy, student guidance, curriculum study, and methods of teaching. Opportunities to explore professional education as a career, responsibilities of educators, cultural awareness within the profession, social issues, directed observation and current trends. Twenty-five hours of fieldwork are required in a Pre-Kindergarten - 12th grade classroom.

Semester Offering

Fall Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Requirements

Change is a semester offering from fall and winter to fall only.

ED109A - Parent-Child Connection

Overview

Department(s)

Education

Course Description

This course is focused on the cultural influence of the family structure as it relates to education through culturally responsive curriculum and environment. The course will assist in developing an understanding of the parenting process and present content through research-based concepts. Multiple classroom environments and professional roles will be utilized in order to prepare a teacher to communicate with families in a respectful and reciprocal relationship. Twenty-five hours of fieldwork are required in a Birth - 3rd grade classroom.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

1

ED111A - Introduction to Early Childhood Edu

Overview

Department(s)

Education

Course Description

The course is designed to introduce students to the field of early childhood education and to the academic opportunities within the profession. The course will examine a broad perspective of current issues. Program models, family relationships, behavior management, cultural, historical, philosophical, and current trends in early childhood education will be emphasized. Criteria for quality care, exemplary early childhood programs, developmentally appropriate practices, and learning environments - including multi-cultural and special needs - will be examined. Twenty-five hours of fieldwork are required in a center based preschool program with 3-5 year olds.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

1

ED120C - Anti-Bias Curriculum in Early Childhood

Overview

Department(s)

Education

Course Description

An introduction to current practices in early childhood education curriculum as related to the total growth and development of young children. Focused on the Anti-Bias Curriculum, play and consideration for sociocultural environment and family partnerships, curriculum alignment with State of Michigan B-K, Pre-K-3rd, NAEYC, Head Start, GSRP, IEP, IFSP and local agencies curriculum models will be utilized for lesson planning. Materials, learning outcomes, guidance, school-family relationships, technology, technology assisted devices, community resources and significant child development research will be explored through developmental learning centers. Twenty-five hours of fieldwork are required in a center based preschool with 3-5 year olds.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

1

ED202A - Teaching of Reading - Elem. School

Overview

Department(s)

Education

Course Description

A study of current philosophies, instructional strategies and materials in the teaching of reading from preschool through middle school grades. Key components of literacy will include: print concepts, phonological awareness, phonics, spelling, word recognition, reading, comprehension, handwriting, composition, listening and speaking in multiple diverse environments. Twenty-five hours of fieldwork are required in a Preschool - 6th grade classroom.

Semester Offering

Fall Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

1

ED210 - Child Care and Guidance

Overview

Department(s)

Education

Course Description

This is the culminating course in the early childhood education sequence. Instruction is provided in competency and guidance techniques for the young child. Students will write, have proofed and finalize the six competency goals. These are required for the credential, in preparation for the final evaluation. Their autobiography and an individualized training prescription will be written by the field advisor following the on-site observation. Counseling, evaluations and recommendations for the completion of the program are provided. A twenty-five hour practicum is required.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Corequisite

Type

Corequisite

Complete ALL of the following Courses:

- ED252B - Child Development Practicum

Requirements

Error in student planning:

Corequisite: ED-252A - Must be taken at the same time as this course.

Correction: Corequisite: ED-252B - Must be taken at the same time as this course.

ED211A - Behavior Management

Overview

Department(s)

Education

Course Description

A comprehensive review of the theory and practice of behavior management in applied settings. Emphasis will be placed on the development of entry-level competency in behavior analysis and treatment. This will include, but not be limited to, an introduction to the principles of behavior modification as well as the theories and techniques associated with the psychodynamic, biophysical, and environmental perspectives as they relate to the broad field of behavior management. Eighty percent of the classroom content and discussion will be identifying and targeting strategies applicable to the 0-8-year-old age group. Students learn three levels of classroom supports: Universal, Targeted, and Intensive. Classroom lecture is supported with evidence-based practice. Twenty-five hours of fieldwork are required in a classroom, servicing Part B and C of the Michigan special education requirements from Birth-8 years of age.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Requirements

Change in offering from fall and winter to winter only.

ED214A - Infant and Toddler Development and Care

Overview

Department(s)

Education

Course Description

The development of the newborn to 36-month old child is examined in this course through current research-based practices. The diversity of development will be explored through the cognitive, language, social, emotional, and sensorimotor growth of the infant and toddler. The environments will include Early On, Early Interventions, Early Head Start and center-based programs. Twenty-five hours of fieldwork are required in an Infant-Toddler classroom.

Semester Offering

Fall Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

1

ED216A - Educating Exceptional Children

Overview

Department(s)

Education

Course Description

A comprehensive survey of professional research, parental services, trends, policies, procedures and laws in special education. Areas of impairment studied include mental, hearing, visual, physical, emotional, and learning disabled. The exceptionality of gifted and talented and early intervention are examined as well. Twenty-five hours of fieldwork are required in a classroom servicing Part B and C of the Michigan special education requirements.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

1

ED220B - Early Childhood Observation & Assessment

Overview

Department(s)

Education

Course Description

An introduction to techniques and strategies in observing and assessing the behavior, achievement and performance of young children. The importance and value of observations of children, types and varieties of assessment, role of assessment in multi-cultural settings, use of technology, importance of portfolio development and observation systems will be discussed. Twenty-five hours of fieldwork are required in a center based preschool classroom with 3-5 year olds.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- ED111A - Introduction to Early Childhood Edu

ED225A - Child Development (age 0-8)

Overview

Department(s)

Education

Course Description

The course will explore theoretical and practical perspectives of conception through adolescence development. Basic issues in the development of infants and children, and methods of studying children will be discussed. In-depth exploration of the physical, intellectual, emotional, and social development of children will be viewed from a multicultural perspective. This course may be used in addition to, or in place of ED250 (Human Growth and Learning) to fill the requirements of all Education Department certificate and degree programs. Twenty-five hours of fieldwork are required in a Birth - 6th grade classroom.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

1

ED230A - Children's Literature

Overview

Department(s)

Education

Course Description

This course will investigate literature for children, and appropriate learning activities suitable for the preschool, elementary and middle school student. Relationships are explored between child development, school curricula, instructional strategies, language arts, multi-cultural activities, and literature. A focus in selection of quality children's literature to plan culturally diverse lessons to support learning in the following areas: print concepts, phonological awareness, letter knowledge, spelling, word recognition, vocabulary, handwriting, comprehension, composition, listening and speaking. Twenty-five hours of fieldwork are required in a Preschool - 6th grade classroom.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

1

ED234A - Educational Psychology

Overview

Department(s)

Education

Course Description

This course is devoted to the connection between psychology and education by providing an overview of the applications in the field of psychology. Research data, learning theories, cultural Pluralism, and special topics reflective of current educational changes are examined. 25 hours of fieldwork within a K-12 classroom environment will be required.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

1

ED250A - Human Growth and Learning

Overview

Department(s)

Education

Course Description

A comprehensive study of the human life cycle will be explored. The course will explore theoretical and practical perspectives of development from conception through death. In addition, current trends in language acquisition, information processing, learning theories and basic theoretical models will be examined. In-depth exploration through current research of the physical, intellectual, emotional, and social development from childhood to adulthood will be viewed from a multi-cultural perspective. Twenty-five hours of fieldwork are required in a Birth - 12th grade classroom.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Requirements

Change to winter-only offering.

ED252B - Child Development Practicum

Overview

Department(s)

Education

Course Description

On-the-job experience under the supervision of the Education Department with cooperating early childhood locations. Practical application knowledge under the framework of: NAEYC, Council for Professional Recognition, State of Michigan B-K Standards, Head Start, GSRP, and State of Michigan Quality Pre-K Standards. Demonstration of the ability to design and implement curriculum, communicate with families, complete accurate assessment, use of technology, and culturally diverse implementation. A total of 480 hours of fieldwork are required in a center-based preschool with 3-5 year olds.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

Requirements

Simple Requisites

Corequisite

Type

Corequisite

Earn a minimum grade of C in the following:

- ED210 - Child Care and Guidance

Requirements

Error in student planning:

Prereq: Instructor approval with a "C" or better grade in all Education courses.

Coreq: ED-210 Note: ED-110 may be take as a corequisite with instructor permission. - Must be taken at the same time as this course.

Strike "Note ED-110 may be taken as a corequisite with instructor permission"

ED260 - Engaging Elementary Learners with Math

Overview

Department(s)

Education

Course Description

The goal of this course is to focus on content and children's mathematical thinking about content critical for teaching mathematics in elementary school. This course will support your understanding of the role of representations in whole number operations, the meaning of fractions, and operations with fractions and decimals. Pedagogically, the course will focus on strategies to elicit children's mathematical thinking as well as interpreting children's mathematical work to assess understanding and inform instruction. This is a methods course. 25 hours of fieldwork are required in a K to 6th grade classroom.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

1

ELTC102 - Circuits and Systems

Overview

Department(s)

Applied Manufacturing Tech Lab

Course Description

This course introduces the fundamental principles that govern electrical circuits. Students will explore both analog and digital circuit behavior, learning to analyze and design systems using key concepts such as Ohm's law, Kirchhoff's laws, Network theories, and signal processing techniques. Through a combination of theoretical instruction and hands-on laboratory work, students will develop practical skills in circuit modeling, simulation, and measurement. Topics include RLC networks, Thevenin and Norton equivalents, Nodal and Mesh analysis, filters, and power supplies.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

4

ELTC103 - Residential Wiring

Overview

Department(s)

Electricity/Electronics

Course Description

A study of the layout, installation and testing of electrical components and circuits found in residential wiring. Extensive hands-on assignments are combined with the application of the current National Electrical Code governing residential wiring.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- ELTC101AL&L - Electricity-Basic

ELTC104A - Basic Industrial Robotics

Overview

Department(s)

Electricity/Electronics

Course Description

Introduction to industrial robotics programming, uses, maintenance and troubleshooting, and their integration into an automation environment. The students will learn about the mechanics of the robots, servo motor control, programming commands through the operator interface pendant, and safety aspects of the work-cells as well as electrical and mechanical systems.

Programming tasks are the core focus of the class including basic motion commands, positional information and control, error conditions and recovery, special setup procedures, non-motion and advanced programming commands, testing and verification, and back-up and recovery. The class is taught through hands-on projects and tasks to develop knowledge in material handling applications using full program definition and demonstration of their skills.

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

ELTC150 - Industrial Electricity

Overview

Department(s)

Electricity/Electronics

Course Description

This course is intended for electrical maintenance personnel with some previous electrical experience or coursework. It will review basic DC and AC electrical theory and components, safety, use of test instruments and electrical symbols. Other topics include: ladder diagrams, control circuits, starters, contactors, relays, and overload devices. Troubleshooting will be emphasized and there will be an introduction to the use of programmable controllers for machine control.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

Corequisite/Prerequisite

Type

Completion Requirement

Complete ALL of the following Courses:

- ELTC101AL&L - Electricity-Basic

Additional Comments:

ELTC-101AL&L can be taken previously or concurrently

Requirements

ELTC101A L&L class must be taken "previous" or "concurrent"

ELTC152 - National Electrical Code

Overview

Department(s)

Electricity/Electronics

Course Description

This course covers the National Electrical Code as currently adopted by the State of Michigan. Designed for the apprentice electrician, this course is also approved by the State of Michigan for the required upgrade for Journeymen and Master Electricians.

Semester Offering

Summer Session Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

ELTC201 - Non-Linear Electronics

Overview

Department(s)

Applied Manufacturing Tech Lab

Course Description

This course introduces the fundamental principles of electronics, focusing on the analysis and application of basic electronic components and circuits. Topics include capacitors, diodes, transistors, and operational amplifiers, as well as power supplies and digital logic. Students will explore how these components are used in practical circuits and systems. The course also introduces microprocessors and their role in modern electronic devices, covering basic architecture, programming concepts, and simple interfacing techniques. Laboratory exercises reinforce theoretical concepts through hands-on circuit design, testing, and troubleshooting using modern electronic instruments and simulation tools.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

2

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- ELTC101AL&L - Electricity-Basic

ELTC202 - Controls for Automation

Overview

Department(s)

Applied Manufacturing Tech Lab

Course Description

This course introduces the fundamentals of control systems used in automated technologies. Students will learn how control systems are designed and how various components-such as sensors, transformers, motors, drives, and controllers-work together to manage and regulate automated processes. Topics include discrete and analog inputs, DC and AC motor control, servo systems, variable frequency drives, and PID control concepts. Emphasis is placed on understanding system operation, performance, and troubleshooting through practical exercises and laboratory applications.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

2

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- ELTC150 - Industrial Electricity
AND ELTC160L&L - Programmable Controllers

ELTC220 - Electrical Troubleshooting

Overview

Department(s)

Electricity/Electronics

Course Description

Troubleshooting theory and process will be used to find, fix, and document a variety of electrical and system problems. The students will learn about test equipment, processes, and characteristics of various electronic and industrial devices. The students will troubleshoot using controlled and informed methodology. Documentation of finding, actions, and outcomes will be performed. The class is taught through hands-on projects and tasks to develop knowledge and skills.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- ELTC150 - Industrial Electricity
AND ELTC160L&L - Programmable Controllers

ELTC230 - Advanced PLC and Automation

Overview

Department(s)

Applied Manufacturing Tech Lab

Course Description

This course is a continuation of Basic PLC Operations and teaches advanced programming techniques. Students will practice programming with simulators and real PLCs, including touch screens. Topics include data handling, logic functions, math operations, bit shifts, sequencers, analog I/O, and subroutines. The course also covers advanced robotics programming, work-cell design, system maintenance, troubleshooting, and integrating robots into automated environments. Students will learn how industrial equipment communicates and how to use advanced features to improve automation operations.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

2

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- ELTC150 - Industrial Electricity
AND ELTC160L&L - Programmable Controllers
AND ELTC104A - Basic Industrial Robotics

ELTC101AL&L - Electricity-Basic

Overview

Department(s)

Electricity/Electronics

Course Description

A theory and activity course designed to introduce the basic relationships between voltage, current, and resistance. Topics include: soldering, DC circuits, volt-ohm-amp meter operation, alternating current, relays, ladder diagrams, residential wiring, and safety. Practical laboratory experiments reinforcing the above topics are provided.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

2

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- ELTC101AL&L - Electricity-Basic

ELTC160L&L - Programmable Controllers

Overview

Department(s)

Electricity/Electronics

Course Description

This course introduces the concept of machine control through programmable controllers. Program design, controller operation, wiring techniques, programming techniques, and applications are examined; related lab exercises will be conducted with Allen-Bradley SLC 500 controllers and RS Logix 500 Software.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- ELTC101AL&L - Electricity-Basic
AND ELTC150 - Industrial Electricity

ENG101 - English Composition

Overview

Department(s)

03ddcf46-816b-4351-a641-f4916c4f1f7e

Course Description

A course in which students will develop the abilities to read critically, to think logically, to discuss intelligently, and primarily to write effectively using exposition, argumentation, and research. A grade of C or better is required to enter into English 102.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

Follow placement guidelines. <https://www.muskegoncc.edu/mcc-placement-test/>

EMTCR - Emergency Medical Technician

Overview

Credits

Credit Hours

Credit Hours:

0.5

Contact Hours

Contact Hours in excess of Credit Hours:

0

ENG101HON - English Composition-Honors

Overview

Department(s)

03ddcf46-816b-4351-a641-f4916c4f1f7e

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

Requirements

Simple Requisites

Take ENG-101

ENG102 - English Composition

Overview

Department(s)

03ddcf46-816b-4351-a641-f4916c4f1f7e

Course Description

A course in which the student will develop the ability to interpret and criticize a variety of literary forms, especially fiction, drama and poetry. Students will discuss these works and write critical essays.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- ENG101 - English Composition

ENG102HON - English Composition-Honors

Overview

Department(s)

03ddcf46-816b-4351-a641-f4916c4f1f7e

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

ENG207 - Literature of Race & Ethnicity

Overview

Department(s)

03ddcf46-816b-4351-a641-f4916c4f1f7e

Course Description

This course studies literary works by multicultural writers who, historically, have been marginalized in the United States: African American, Native American, Asian American, and Latinx (Hispanic), as well as those of the Middle Eastern diaspora. The course focuses on race, ethnicity, minority status, and the immigrant experience and considers concepts such as assimilation, cultural persistence, outsider status, and hybrid identity. Students will learn how these writers reconceptualize essential human ideals of love, loyalty, home, family, and belonging through an examination of fiction, poetry, plays, film, and music.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- ENG102 - English Composition

OR corequisite enrollment in ENG-102 with instructor permission

Complete ALL of the following :

ENG211 - Literature of World Mythology

Overview

Department(s)

03ddcf46-816b-4351-a641-f4916c4f1f7e

Course Description

Overview of representative Greco-Roman, Middle Eastern, Norse, English, Pacific Island, Indian, Chinese, Japanese, African, South American, Native American mythology and epics. Surveyed for understanding of creation, Fertility and Hero myths and their meaning in our cultural and personal attitudes and ideas.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- ENG102 - English Composition

ENG213 - Literature of Shakespeare

Overview

Department(s)

03ddcf46-816b-4351-a641-f4916c4f1f7e

Course Description

Overview of Western Civilization's most respected and famous author, William Shakespeare. The course explores several plays and poems in depth as well as the culture and traditions of Shakespeare's England. In addition, students will discover Shakespeare's influence on our contemporary world. Field trips are anticipated (optional).

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- ENG102 - English Composition

ENG216 - Introduction to Film

Overview

Department(s)

English

Course Description

An introduction to the art of the film as story telling/narrative; the course might include foreign and domestic films, documentary film, and a few (2-3) experimental and/or underground films. In addition to thematic study of films, the course explores the various elements of story-telling/narrative through movies: characterization, purposes of setting, theme, symbolism, music, lighting, etc.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- ENG102 - English Composition

OR concurrent with ENG-102 with instructor permission

ENG216HON - Introduction to Film Honors

Overview

Department(s)

English

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

ENG218A - Horror, Fantasy, and Science Fiction

Overview

Department(s)

English

Course Description

This course focuses on three genres of literature possessing rich histories in the development of folklore, literary forms, and literary criticism, as well as abundant connections with the development of popular culture in the twentieth and twenty first centuries. The class will read five novels spanning these genres, as well as selected short works of fiction and commentary by authors and critics active in these fields. In addition, films with connections to the literature will be viewed to better understand the themes expressed in the literature and their popular reception in a visual medium.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- ENG102 - English Composition

ENG218AHON - Horror, Fant & Sci Fict-Honors

Overview

Department(s)

English

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Take ENG-218A

ENG220 - Graphic Novels

Overview

Department(s)

English

Course Description

Graphic Novels explores the graphic novel, a more extended literary form of the comic book. Looking at comics from the Silver Age to graphic works of today, this course explores the art, the text, the authors and the historical context of each work looking for connections to our pasts, presents and futures. Students in this course will also have the opportunity for a field trip to an annual Comic Con.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- ENG101 - English Composition

ENG222 - Creative Writing

Overview

Department(s)

03ddcf46-816b-4351-a641-f4916c4f1f7e

Course Description

The study of writing techniques as well as actual writing and critical discussion of various types of short fiction are stressed. Students are encouraged to take a literature course prior to enrolling in this writing-intensive course.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- ENG102 - English Composition

ENG222HON - Creative Writing-Honors

Overview

Department(s)

03ddcf46-816b-4351-a641-f4916c4f1f7e

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

**Contact Hours in
excess of Credit
Hours:**

0

ENG225 - Major American Writers-American

Overview

Department(s)

03ddcf46-816b-4351-a641-f4916c4f1f7e

Course Description

This course is a study of representative literature of the United States from the earliest settlement to 1865. Serving both the historical and critical perspectives, the focus is upon certain recurring themes which have grown out of the American experience and their continuing relevance for today's student.

Semester Offering

Summer Session Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

**Contact Hours in
excess of Credit
Hours:**

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- ENG102 - English Composition

ENG226 - Major American Writers-American

Overview

Department(s)

03ddcf46-816b-4351-a641-f4916c4f1f7e

Course Description

Continuation of English 225, from the Civil War to the present.

Semester Offering

Fall Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- ENG102 - English Composition

OR concurrent enrollment in ENG 102 with instructor permission

ENG226HON - Major Amer Writ-Am Lit li-Honors

Overview

Department(s)

03ddcf46-816b-4351-a641-f4916c4f1f7e

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

ENG228 - British Literature II (1750-Today)

Overview

Department(s)

03ddcf46-816b-4351-a641-f4916c4f1f7e

Course Description

From Frankenstein to Dracula, Peter Pan to Harry Potter, British Literature has impacted society and culture in amazing and important ways. British Literature II explores the time periods, the works, and the authors from the United Kingdom (England, Scotland and Wales) as well as some from Ireland and India (spanning from 1750 to today) to give students a wide introduction into the literature that has greatly influenced and informed the current world in which we live.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- ENG102 - English Composition

OR corequisite enrollment in ENG 102 with instructor permission

ENG231 - Themes in Women's Literature

Overview

Department(s)

English

Course Description

English 231 examines women in contemporary American culture viewed from literary, historical, psychological, political, sociological and multicultural perspectives. The course explores the variety of writing styles women have used to think about issues such as the search for identity, power, societal roles, relationships and conflict, marriage, sexuality, treatment as the other, responses to patriarchy, achievement, and daily life. Students will be exposed to contemporary feminist criticism and encouraged to think critically about the impact of gender on literature, expression, and experience.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- ENG101 - English Composition
AND ENG102 - English Composition

ENG231HON - Themes in Women's Studies-Hon

Overview

Department(s)

English

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

ENG297GN - The Graphic Novel Experience

Overview

Department(s)

English

Course Description

This course studies the graphic novel, a more extended literary form of the comic book. As a hybrid genre (art and literature), many literary scholars avoid including graphic novels in the academic conversation because it does not fit neatly into the already established genres. This course will examine graphic works by situating each within its historical, social and cultural context, working to gain a deeper understanding of the genre and its place within literature, as a whole, through discussion and analysis.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- ENG101 - English Composition

ENG299RV - River Voices Journal

Overview

Department(s)

English

Course Description

A course in which the student will develop the ability to create and implement marketing strategies, evaluate submissions, and format the layout of a published journal.

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

ENGR105 - Introduction to Engineering

Overview

Department(s)

Engineering

Course Description

An introduction to the engineering profession and to its various disciplines; to the professional skills required of engineers; including oral and written communications, ethics of the profession, and team building and teamwork; and to the design process. Video presentations of professional activities and studies will be shown.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

Requirements

Simple Requisites

Removal of Math Prerequisite for ENGR 105.

Type

Prerequisite

Additional Comments:

Change from Math 100A to no math requirement to take ENGR 105.

ENGR202 - Statics

Overview

Department(s)

Engineering

Course Description

A study of force systems in two and three dimensions. Composition and resolution of forces and force systems, principles of equilibrium applied to various bodies, simple structures, friction, centroids, moments of inertia. Vector algebra is used where appropriate.

Semester Offering

Fall Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- PHYS203L&L - Engineering Physics Lecture & Lab
AND MATH162A - Calculus II

ENGR204 - Engineering Dynamics

Overview

Department(s)

Engineering

Course Description

Vector description of force, position, velocity, and acceleration in fixed and moving reference frames. Kinematics and kinetics of particles, assemblies of particles and rigid bodies. Includes translation, plane motion, rotation, and impulse-momentum and work-energy methods. Introduction to vibrations and time response. Graphing calculators will be utilized.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- ENGR202 - Statics

ENV297 - Aquatic Ecology

Overview

Department(s)

Biology

Course Description

This course will introduce students to important ecological phenomena and processes that occur in aquatic (freshwater) ecosystems. The Great Lakes as well as regional streams, lakes, and wetlands will be studied in detail to provide context for the ecological concepts covered. The course will include online lectures and assignments at the beginning of the summer semester and a 1-week intensive field experience at the Central Michigan University Biological Station on Beaver Island in Northern Lake Michigan. The trip to CMU BS is a required component of the course. For the Summer 2023 semester the Beaver Island CMU BS trip is scheduled for July 6-12. The course fee will cover transportation to/from Charlevoix, MI., ferry transport to/from Beaver Island, and all lodging and meals at the CMU BS.

Semester Offering

Summer Session Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- ENV110L&L - Environmental Science

or Instructor Permission

ENV110L&L - Environmental Science

Overview

Department(s)

Biology

Course Description

This is an introductory lecture and laboratory course for all students. This course includes study of relevant environmental issues occurring at regional to global scales. Natural and human systems throughout West Michigan will be studied to provide local context for broader environmental concepts. Through inquiry-based approaches, students will apply the scientific method by formulating hypotheses, collecting and analyzing data, and communicating results. On-campus and off campus field trips will be required as part of this course.

Semester Offering

Fall and Summer

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

2

FR101 - Basic French

Overview

Department(s)

Foreign Language Dept

Course Description

This is a beginning course for students who have had no previous study of French. The emphasis is on developing communication in French through listening, speaking, reading and writing activities.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Recommend ENG-101 with a minimum grade of "C" prior to taking this course

FR102 - Basic French

Overview

Department(s)

Foreign Language Dept

Course Description

A continuation of FR-101. The student continues to develop the capacity to understand, speak, read and write French.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- FR101 - Basic French

or successful completion of two recent years high school French and instructor permission

FR201 - Intermediate French

Overview

Department(s)

Foreign Language Dept

Course Description

This second-year course is designed to improve the four basic skills begun in the first year. This course reviews and reinforces material learned in the first year, examines more tenses and other aspects of grammar, and provides practice in expanding capabilities in reading, writing, speaking and understanding French.

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- FR102 - Basic French

or satisfactory completion of three recent years high school French and instructor permission

FR202 - Intermediate French

Overview

Department(s)

Foreign Language Dept

Course Description

This course is a continuation of FR-201.

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- FR201 - Intermediate French

Or successful completion of four recent years high school French and instructor permission

Complete ALL of the following :

FS101L&L - Introduction to Food Science & Process

Overview

Department(s)

Biology

Course Description

The Intro to Food Science and processing course is an introductory course that teaches terminology and concepts necessary to communicate in the Food Manufacturing Industry. The course introduces the basic chemistry of food, testing of food and soil, the types of microbiological organisms present, and food preservation. Calculations for product formulation from lab scale to batch processes will be performed. Also included are topics and case studies in packaging, contamination, food biotechnology, and careers in the agricultural industry. A lab component is included whereby the concepts in the course is demonstrated and critical thinking skills will have to be applied in order to solve problems. Experiments will include fermentation, analytical testing of food and soil, production of biodiesel, canning, and use of analytical tools for measurement. The Produce Safety Alliance Grower Certification that meets the Food Safety Modernization Act (FSMA) Produce Safety Rule is included.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

1

GEOG101A - Physical Geography - Lecture and Lab

Overview

Department(s)

Geography

Course Description

Physical Geography is a course study in Earth Systems Science; the atmosphere, hydrosphere, and surface features of the lithosphere. The course work focuses on the development of geographic models and their use as a tool to explain phenomena in man's physical environment.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

1

GEOG104 - Cultural Geography

Overview

Department(s)

Geography

Course Description

A study of the world's people and how they occupy the earth. Important topics include: population density and distribution, languages, religions, political systems and international relations, economic systems, and urbanization. Emphasis will be placed on spatial thinking and global interconnectedness.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

GEOG105 - World Regional Geography

Overview

Department(s)

Geography

Course Description

World regional geography is an introductory examination of the major cultural realms of the world areas which share similar cultural and economic conditions. The physical environment and human impact on that environment will also be studied for each region. Units of study may include: Anglo-America, Europe, Russia and her neighbors, sub-Saharan Africa, North Africa/Southwest Asia, Monsoon Asia, East Asia, and middle and South America. Emphasis will be placed on spatial thinking and global interconnectedness. A previous course in physical or human geography would be helpful, but is not mandatory.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

GEOG214 - Science of Climate Change

Overview

Department(s)

Geography

Course Description

The science behind climate change and its potential impacts will be the focus of this course. A study of the major climate systems, their controls, distributions and significance will form the course foundation. Paleoclimatology, global gas distributions, and climate impact assessment will support analysis from an interdisciplinary approach to this science study.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

GEOG215 - Introduction to Weather and Climate

Overview

Department(s)

Geography

Course Description

This course is an introductory study of the atmosphere which includes both weather and climate. Fundamental physical laws governing weather elements will be examined, such as solar radiation, temperature, moisture, pressure, winds, and weather systems. Current weather data is delivered via the internet, which is coordinated with learning activities. Students will be introduced to the excitement of weather in near real-time. Broad aspects of climates and local microclimatology will also be integrated. An optional field trip to the National Weather Service Office, Grand Rapids may be offered. No prerequisites, although physical geography, and the knowledge of basic computer skills including the ability to manipulate images, are recommended.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

1

GEOG251 - Introduction to GIS

Overview

Department(s)

Geography

Course Description

This course provides a foundation in geographic information systems (GIS) such as data types, cartography, queries, classification, basic editing, basic raster analysis, uses of GPS devices and related data map overlay techniques. The theory and operation of GPS receivers and data integration with GIS is covered in multi-week student initiated projects. This course requires advanced computer skills (knowledge of hardware\software, file transfer, import\export of various data types, Boolean Internet search techniques, etc.).

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- ENG101 - English Composition
AND CIS120A - Intro to Computer Information Systems

Complete at least 1 of the following courses:

- OR TMAT101A - Technical Math I

Or Higher Level Math Class

GEOG260 - Geoscience Field Experience

Overview

Department(s)

Geography

Course Description

Geoscience is an all-encompassing course of study focused on the planet earth. The purpose of this course will be to provide students with integrated field experience in the Geosciences. A significant portion of the course work is completed in the field at a local or distant location depending upon the title and focus of the course for a given semester. Students will explore the physical and cultural geography of the focus area. Students will make field observations, create sketches, record data, and construct a field notebook detailing all aspects of their field experience. Participation is required in all field activities. The course will include pre-trip class sessions and post-trip class sessions. There will be off campus travel for this course. Approximate costs are dependent on the field location and duration of the fieldwork.

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

GEOG297D - Science of Climate Change

Overview

Department(s)

Geography

Course Description

The science behind climate change and its potential impacts will be the focus of this course. A study of the major climate systems, their controls, distributions and significance will form the course foundation. Paleoclimatology, global gas distributions, and climate impact assessment will support analysis from an interdisciplinary approach to this science study.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

GEOG297GC - Global Climate Crisis

Overview

Department(s)

Geography

Course Description

Global Climate Crisis is an introductory 1-credit course providing a geographic survey of climate change evidence, impacts, and vulnerabilities around the world. Attention will be given to causes of the unfolding global climate crisis, climate change scenarios through the end of this century, and mitigation, adaptation, and resiliency-planning strategies.

Semester Offering

Fall Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

1

GEOG297SP - Sustainability and Place

Overview

Department(s)

Geography

Course Description

Global Climate Crisis is an introductory 1-credit course providing a geographic survey of climate change evidence, impacts, and vulnerabilities around the world. Attention will be given to causes of the unfolding global climate crisis, climate change scenarios through the end of this century, and mitigation, adaptation, and resiliency-planning strategies.

Semester Offering

Fall Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

1

GEOG299IN - Geography Inquiry

Overview

Department(s)

Geography

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

GEOG299IN2 - Geography Inquiry

Overview

Department(s)

Geography

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

GEOL100 - Natural Disasters

Overview

Department(s)

Geology

Course Description

Natural disasters are major events on Earth that often have extreme consequences. This course is a survey of geoscience through an examination of natural hazards, including the causes and effects of earthquakes, volcanic eruptions, tsunamis, floods, climate change, and more. Case studies of natural disasters will be discussed, focusing on the geologic context of the hazard and its impact on society, individuals, and the environments. The course will examine how society minimizes the risks associated with disasters and students will develop a foundation for critically evaluating future approaches to managing hazards. This course is designed for students without an extensive background in science or math and who do not plan to major in geology. Potential geology majors should take GEOL-101A.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

GEOL101A - Introduction to Physical Geology

Overview

Department(s)

Geology

Course Description

Physical geology is the scientific study of the materials, structures and systems of the planet Earth. Students will investigate the processes affecting the interior and exterior of the Earth, and the rocks, minerals, and structures produced by these processes. The course may include a one-day weekend field trip, weather permitting.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in
excess of Credit
Hours:

1

GEOL102 - Introduction to Earth History

Overview

Department(s)

Geology

Course Description

GEOL-101 is not a prerequisite for GEOL-102. This course is an introduction to the geologic history of the planet Earth and its life forms. Based on the unifying theories of plate tectonics and organic evolution, the course presents the evidence used by geologists to reconstruct Earth's ancient environments and organisms, and establishes connections between Earth's past and present environments. The course may include a one-day weekend field trip, weather permitting.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in
excess of Credit
Hours:

1

GER101 - Basic German

Overview

Department(s)

Foreign Language Dept

Course Description

This course is the first semester of a communicative language course to promote proficiency and practical competence in elementary German. It will focus on the essential elements of effective communication by teaching skills in listening, speaking, reading and writing. It will also provide cultural insights into life in German-speaking countries.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

GER102 - Basic German

Overview

Department(s)

Foreign Language Dept

Course Description

This course is a continuation of GER 101 with continued emphasis on communication and proficiency.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- GER101 - Basic German

Or successful completion of two recent years high school German and instructor permission

GRD101 - Introduction to InDesign

Overview

Department(s)

Graphic Design

Course Description

This course explores the components, terminology, features, and uses of InDesign. Emphasis is given to creating professional-looking layouts utilizing InDesign as the layout vehicle. Through hands-on lectures, demonstrations, and projects, the student will learn the essential techniques and functions of the program while understanding some of the more complex issues of this software.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

**Contact Hours in
excess of Credit
Hours:**

0

GRD102 - Introduction to Illustrator

Overview

Department(s)

Graphic Design

Course Description

This course explores the components, terminology, features, and uses of Illustrator. Emphasis is given to creating professional-looking artwork and graphics utilizing Illustrator as the layout vehicle. Through hands-on lectures, demonstrations, and projects, the student will learn the essential techniques and functions of the program while understanding some of the more complex layout issues that designers face when using the software.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

**Contact Hours in
excess of Credit
Hours:**

0

GRD103 - Introduction to Photoshop

Overview

Department(s)

Graphic Design

Course Description

This course introduces the components, terminology, features, and uses of Photoshop. Emphasis is given to creating professional-looking artwork and graphics utilizing Photoshop as the layout vehicle. Through hands-on overviews, tutorials, and competencies, the student will learn advanced techniques of the program while understanding some of the more complex issues that designers face when using this software.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

**Contact Hours in
excess of Credit
Hours:**

0

GRD110 - Principles of Design

Overview

Department(s)

Graphic Design

Course Description

This course provides an introduction to the visual and verbal vocabularies, and the principles and elements of design as they relate to graphic design. The student will focus on making connections between idea and visualization using type, imagery, and color to solve communication problems. The Initial stages of the design process and various forms of conceptualizing will be emphasized throughout the course.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

**Contact Hours in
excess of Credit
Hours:**

3

GRD120 - Introduction to Graphic Design

Overview

Department(s)

Graphic Design

Course Description

Practice of basic design vocabulary, elements, and principles. Individual elements of design such as line, shape, value, texture, space, size and color will be explored as they relate to electronically generated digital formats and print designs. Emphasis will be given to the principles of design (i.e., balance, emphasis, rhythm and unity) to analyze the effectiveness of printed communications and other related electronic media. Students will create basic designs in contemporary design software including Illustrator, Photoshop and InDesign.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

Requirements

Simple Requisites

Recommend prerequisite GRD-110 and one of the following: GRD-101, GRD-102, or GRD-103

GRD140 - Introduction to Typography

Overview

Department(s)

Graphic Design

Course Description

Introduction and study of history, vocabulary, and principles of typography. Basic type identification, styles, and measurement will be discussed and practiced. The primary purpose of type as a means communication combining readability and legibility will be reinforced. Design elements and principles will be presented in relation to designing with type.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

Requirements

Simple Requisites

Recommend GRD-110 and one of the following: GRD-101, GRD-102, or GRD-103

GRD160 - History of Graphic Design

Overview

Department(s)

Graphic Design

Course Description

This course will explore the evolution of graphic design from the invention of the alphabets to the age of mass media, from the invention of the printing press to the present. Students will be required to give oral presentations, participate in team exercises and write brief surveys of various elements within course readings.

Outside research will be required as well as text readings.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

GRD205 - UX Design and Implementation Foundation

Overview

Department(s)

Graphic Design

Course Description

This course explores principles, methods, and practical applications of User Experience (UX) design. Students will understand the creations of digital products prioritizing user satisfaction, accessibility, and business objectives. The course covers career options, user research, persona creation, information architecture, interaction design, visual design, usability evaluation, and ethical considerations, preparing students to enter the field of UX or further their education in design.

Through hands-on projects, research and exposure to industry-standard tools, students will integrate theory with practical skills, preparing them for real-world UX challenges.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- CIS110 - Computer Concepts
OR CIS120A - Intro to Computer Information Systems

Recommended prerequisites GRD-120A and CIS-275A

GRD210 - Graphic Design II

Overview

Department(s)

Graphic Design

Course Description

Students will learn about concept development, communication planning, and the execution of 2 and 3 dimensional designs through the development of an identity system as defined throughout the course. Criteria will be established and the solutions must be thoughtful, logical and conclusions appropriate. Solve and manage a complex communication problem. Develop cohesive program components to the identity system. Manage time accordingly to have all components complete by the established deadline.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- GRD110 - Principles of Design
AND GRD120 - Introduction to Graphic Design
AND GRD140 - Introduction to Typography

Prerequisite

Type

Prerequisite

Complete at least 2 of the following courses:

- GRD101 - Introduction to InDesign
OR GRD102 - Introduction to Illustrator
OR GRD103 - Introduction to Photoshop

GRD280 - Portfolio Preparation

Overview

Department(s)

Graphic Design

Course Description

This course will focus on preparing the graduating student for college transfer or interviews and portfolio reviews with prospective employers. Students will analyze, critique, and update existing designs for inclusion in their professional portfolio. Students will also create a personal brand, identity system, and design their own resume. Upon course completion, students will have a professional portfolio in both digital and printed formats. Although there are no prerequisites, students should be at or near the final semester of the graphic design curriculum.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

GRD292 - Graphic Design Studio M

Overview

Department(s)

Graphic Design

Course Description

This is a capstone course for advanced design students. The practicum course is designed to emulate a working design studio. The instructor acts as the Creative Director managing students on a variety of projects selected from local businesses and organizations. Projects will vary depending on client needs. Students gain valuable experience and understanding of the field in a studio environment by combining conceptual ideas and technical skills, within a team environment. Learning opportunities will also include field trips to professional design firms. Professionalism is stressed through regular presentations to clients. Upon completion of the course students are required to present their work to the MCC Graphic Design Advisory Committee in a formal portfolio review and exhibition format.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

GRD299UX - Foundations of Ux Design & Implem.

Overview

Department(s)

Business

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

GRD290CI2 - Graphic Design Internship

Overview

Department(s)

Graphic Design

Course Description

This is a 2-credit capstone class. The purpose of the class is to give the student on-the-job experiences either in their area of interest or an area where they feel they would like further exposure that may not be available.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

0

GRD290CI3 - Graphic Design Internship

Overview

Department(s)

Graphic Design

Course Description

The Graphic Design Internship is a paid or non-paid fieldwork experience in the student's area of study, or area where they feel they would like further exposure that may not be available at the college. The course is offered on a pass/no pass basis.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

HE100A - Community First Aid and Safety

Overview

Department(s)

Health Education

Course Description

Course is designed to prepare the general public with first aid knowledge and skills necessary to care for most injuries and emergencies, including First Aid, Adult, Child, and Infant CPR and AED. Accident prevention information is included. American Red Cross certification can be awarded upon satisfactory completion of 80% or better.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

0

HE102 - Nutrition for Fitness & Sport

Overview

Department(s)

Health Education

Course Description

A course designed to provide holistic health and information to the individual who is physically active, or to those who desire to initiate a personalized fitness program. Required for individuals interested in Physical Education and Health Education majors.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

HE102HON - Nutrition for Fitness & Sports Honors

Overview

Department(s)
Health Education

Credits

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours in excess of Credit Hours:
0

Requirements

Simple Requisites

Take HE-102

HE106 - Concepts of Health and Well-being

Overview

Department(s)
Health Education

Course Description

This class is designed to advance the student's knowledge and to enhance their own health. An examination of national health priorities regarding the reduction of preventable death, disease and disability will be studied. Health related issues included are: substance abuse, stress reduction, grief and loss, development of healthy relationships, sexually transmitted diseases, lifestyle related diseases and principles of a healthy life-style.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours in excess of Credit Hours:
0

HE110 - Industrial Safety and Workplace Training

Overview

Department(s)

Health Education

Course Description

Industrial Safety and Workplace Training is a first aid, prevention, and cardiopulmonary resuscitation (CPR/AED) program to prepare individuals to respond to injuries and sudden illnesses that may arise in the workplace. This course is designed to meet the specific training needs of employers and their employees. The course gives individuals in the workplace the knowledge and skills necessary to prevent, recognize, and provide basic care for injuries and sudden illnesses until advanced medical personnel arrive and take over. Included area review of basic safety laws (MIOSHA, OSHA, HAZMAT, Safety Data Sheets) and personal safety measures, which an employee can practice at home in preparation for work.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

HE120 - Introduction to Public Health

Overview

Department(s)

Health Education

Course Description

Students will learn the foundations and functions of public health, its history, and its current applications within national and global systems. Students will learn the ways biological, psychosocial, cultural, economic, environmental, philosophical, ethical, and financial realities impact both personal and population health as well as systems, interventions, and strategies to improve those outcomes. Cultural competence in public health and healthcare delivery will be emphasized. This course is part of the Public Health Transfer Pathway.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

HE130 - Community Health

Overview

Department(s)

Health Education

Course Description

Students will expand their understanding of public health to include the specifics of community health needs, assessments, and interventions. The interconnectedness of public health systems with governmental and non-governmental organizations will be explained while providing students an opportunity to develop potential health promotion strategies to improve outcomes for given populations and public health concerns. Basic epidemiological and biostatistical concepts will also be covered.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Recommended prerequisite HE-120

HE202A - Sports Injuries & Prevention

Overview

Department(s)

Health Education

Course Description

A study of the basic fundamentals of sports injury care. The course includes the organization of and procedures for the prevention and taping of sports injuries. BIO-105 is not required as a prerequisite but is strongly encouraged.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

1

HIST101 - Western Civilization to 1500

Overview

Department(s)

History

Course Description

This course will examine the development of Western Civilization from pre-history to the High Middle Ages/Renaissance, investigating the legacies of the Neolithic Period, ancient Mesopotamia and Egypt, Greece, Rome, Islam and Medieval Europe. Topics will include political structures, artistic expressions, religious beliefs, and intellectual developments. Social history will be emphasized, and several opportunities presented including travel to appropriate museums and historical sites, may be part of the course.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Requirements

None

HIST102 - Western Civilization -1500 to Present

Overview

Department(s)

History

Course Description

This course will investigate the development of modern Western Civilization covering the period from the Renaissance (about 1500) to the present, emphasizing the developments which have shaped the civilization of the 20th/21st century in the West: government, economics, society, religion, philosophy, ethics, science, and the arts.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

HIST150 - World History to 1500 CE

Overview

Department(s)

History

Course Description

This course deals with basic content and methods of history through an introductory study of world cultures before 1500 CE. The course focuses on specific societies in Africa, Asia, Europe, and the Western Hemisphere, analyzing and comparing the ways in which political, economic, social, cultural, and demographic factors influenced the development of these various cultures.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

HIST151 - World History From 1500 CE

Overview

Department(s)

History

Course Description

This course deals with basic content and methods of history through an introductory study of world cultures from 1500 CE to the present. The course focuses on specific societies in Africa, Asia, Europe, and the Western Hemisphere; analyzing and comparing the ways in which political, economic, social, cultural, and demographic factors influenced the development of these various cultures.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

HIST201 - United States to 1877

Overview

Department(s)

History

Course Description

A course covering the history of the United States from its Native American and European origins to the end of Reconstruction. Major topics include the development of British colonial policy, the causes of the War for Independence, the formation of the Constitution and Bill of Rights, the development of democracy during the Jefferson and Jackson Administrations, immigration, industrial and urban history, Manifest Destiny and territorial expansion, the institution of slavery, the ante-bellum reform movement, the causes and consequence of the Civil War, and Reconstruction.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

HIST202 - U.S. From Reconstruction-Present

Overview

Department(s)

History

Course Description

A study of the social, economic, political, and intellectual development of the American nation and people, from Reconstruction to the present. The major topics include: territorial expansion and American foreign policy; the growth and importance of industry and business; the urban community and its problems; trade-commerce fields; the urban community and its problems; industry and business; the struggle and achievement of labor; the study of immigration and race relations; the quest for women's equality; American educational and cultural advances; the increased use of government to improve society; the Cold War, détente and current, to developments in U.S. World relations; and the transformation of American Political ideology.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

HIST202SUP - US-Reconstruction to Present

Overview

Department(s)

History

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

HIST207 - African American History

Overview

Department(s)

History

Course Description

A study of the dynamic role of Black people in the United States from their African origins to present day America. The course emphasizes significant Black contributions in American history, and selected achievements of African American women will be studied. Contemporary issues related to the African American experience in the U.S. will be researched. A visit to an African American historical site or event may be included in the course.

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

HIST211 - Michigan History

Overview

Department(s)

History

Course Description

A study of the social, economic, and political development of Michigan. Emphasis is on Michigan's history since the time of French exploration. Major topics dealt within the course include: American Indians; French exploration and settlement; Michigan under the British flag; territory-hood to statehood; Michigan's role in the Civil War; lumbering and mining activity in the latter half of the 19th century, the development of Michigan's automotive industry and the concurrent rise of industrial unionism in Michigan. Some emphasis will also be placed on Great Lakes history and the local history of the Muskegon area.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

HIST212B - Gettysburg Battlefields

Overview

Department(s)

History

Course Description

This course concentrates on an intensive study of the pivotal battle for America's future: Gettysburg. Major topics include the varying causes of the Civil War, Northern and Southern armies and military strategy and the short and long ramifications of the three day battle for Gettysburg.

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

HIST214 - Siege of Vicksburg-US Civil War

Overview

Department(s)

History

Course Description

This course concentrates on an intensive study of a ten-month campaign resulting in a siege of the city of Vicksburg. Primary topics include examination of the geography and topography of the Mississippi Valley during the 1860's as it relates to the American Civil War.

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

HIST216 - Introduction to World War II

Overview

Department(s)

History

Course Description

This class will study the causes, the course, and the implications of World War II, this greatest of twentieth century conflicts. It will handle most of the geographic areas involved, the major diplomatic, political and military events, and some of the key figures of the war. It covers the time period of 1918 to the present, with an emphasis of course on the years 1939-1945.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

HIST216HON - Intro to Ww II - Honors

Overview

Department(s)

History

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

1

HIST216SUP - Introduction to World War II Sup.

Overview

Department(s)

History

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit

Hours:

0

HIST220 - Labor Studies

Overview

Department(s)

History

Course Description

A survey course studying and critically analyzing the historical, political, and legal frameworks of the labor movement, major labor laws, causes and purposes of the labor movement, union structure and behavior, and labor-management approaches to solving employment disputes in the U.S. and internationally.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit

Hours:

0

HP101 - Hydraulics/Pneumatics

Overview

Department(s)

Tech Related

Course Description

An overview of industrial fluid power technology with emphasis on hydraulic and pneumatic components and circuits. Practical hands-on exercises are provided using pneumatic training equipment. Component recognition and circuit analysis are covered for their applications to maintenance, modifications, and design activities in the field.

Semester Offering

Fall and Summer

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit

Hours:

1

HP201 - Advanced Hydraulics

Overview

Department(s)

Tech Related

Course Description

An overview of industrial fluid power technology with emphasis on advanced concepts. Practical hands-on exercises are provided using hydraulic training equipment. Component recognition and circuit analysis are covered for their applications to maintenance, modifications, and design activities in the field.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

2

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- HP101 - Hydraulics/Pneumatics

HUM195 - Introduction to Humanities

Overview

Department(s)

Humanities

Course Description

This course takes an interdisciplinary approach to surveying the rich history and core concepts of the humanities, including literature, art, music, theater, cinema, religion, and philosophy. Students will explore what it means to be human by engaging with recurring themes in different art forms and fields of study that shape our understanding of the human condition.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Requirements

No additional requirements.

HUM195HON - Introduction to Humanities-

Overview

Department(s)

Humanities

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

ICS102ITLY - International Cultural Studies Italy

Overview

Department(s)

Foreign Language Dept

Course Description

This course is part of the International Study Abroad program. Students who sign up for this course are planning to study in Tuscany, Italy for the summer semester. The course will introduce these students to the Italian language--learning structure, grammar, pronunciations, etc. The course will also allow students to interact with native Italian speakers daily to develop skills to speak the Italian language

Semester Offering

Summer Session Only

Credits

Credit Hours

Credit Hours:

4

ICS297FRA - International Cultural Studies-France

Overview

Course Description

This course develops an appreciation of a country's culture through a greater understanding of art, music, literature, philosophy, geography, history and other cultural aspects. The travel component of the course synthesizes the topics studied and enhances knowledge of the new culture.

Semester Offering

Summer Session Only

Credits

Credit Hours

Credit Hours:

3

ICS101GER2 - International Cultural Study-German

Overview

Department(s)

Foreign Language Dept

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

0

MA101A - Medical Assistant Administrative I

Overview

Department(s)

Medical Assistant

Course Description

This course will provide an introduction to the field of Medical Assisting and the healthcare team. Basic administrative procedures performed in ambulatory setting will be introduced. These include professional communications and behaviors, patient reception, office equipment, ethical and legal standards, and the office environment. Students wishing to transfer to the Medical Assistant Certification Program after taking MA-101 will have to retest their skills for those two courses and a fee will apply (testing must occur within two years of taking the course).

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Students must have instructor permission to register for this class.

MA102ALEC - Medical Assistant Clinical Lecture 1

Overview

Department(s)

Medical Assistant

Course Description

This course provides the student with an introduction to clinical medical office practices, including infection control, OSHA safety standards, medical and surgical asepsis, patient intake and screening, effective communication, vital signs, assisting the provider during examination, responding to emergencies, identifying anatomy, physiology, and pathophysiology of body systems, and identifying the nutritional aspects of health. This class must be taken with MA102Lab.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

5

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

The student must be accepted into the Medical Assistant Certificate Program and receive permission from the Medical Assistant Program Coordinator. This course must be taken with MA102Lab.

MA102LAB - Medical Assistant Clinical Lab I

Overview

Department(s)

Medical Assistant

Course Description

This course provides the student with an introduction to clinical medical office practices, including infection control, OSHA safety standards, medical and surgical asepsis, patient intake and screening, effective communication, vital signs, assisting the provider during the examination, responding to emergencies, identifying anatomy, physiology, and pathophysiology of body systems, and identifying the nutritional aspects of health. This course allows the student to practice psychomotor and affective competencies in the lab setting. This class must be taken with MA102Lec.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

2

Requirements

Requirements

The student must be accepted into the Medical Assistant Certificate Program. The student must receive permission from the Medical Assistant Program Coordinator.

MA105A - Medical Assistant Administrative II

Overview

Department(s)

Medical Assistant

Course Description

This course is a continuation of Medical Assistant Administrative I. This course covers more advanced administrative topics such as financial management and also reviews medical office administrative procedures. Students wishing to transfer to the Medical Assistant Certificate Program after taking MA-105 will have to retest their skills for those two courses and a fee will apply (testing must occur within two years of taking the course).

Semester Offering

Winter and Summer

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite
Type Prerequisite
Earn a minimum grade of C+ in the following: <ul style="list-style-type: none">MA101A - Medical Assistant Administrative I

MA106ALEC - Medical Assistant Clinical Lecture II

Overview

Department(s)

Medical Assistant

Course Description

This course is a continuation of Medical Assistant Clinical Lecture and further develops the student's skills, abilities, and behaviors in the role of Clinical Medical Assistant. This course prepares to identify anatomy, physiology, and pathophysiology of body systems, to calculate proper dosage calculations for medication administration, perform safe medication administration, perform diagnostic tests delegated to the medical assistant by the provider (ECG, pulmonary function tests, venipuncture, etc.), and perform diagnostic tests commonly performed as point of care testing. This class must be taken with MA106lab.

Semester Offering

Winter and Summer

Credits

Credit Hours

Credit Hours:

5

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Requirements

The student must be accepted into the Medical Assistant Certificate Program. The student must have received a C+ (77%) or higher in MA102ALec and MA102Lab.

This course must be taken with MA106Lab.

MA106LAB - Medical Assistant Clinical Lab II

Overview

Department(s)

Medical Assistant

Course Description

Medical Assistant Clinical Lab II is a continuation of Medical Assistant Clinical Lab I and further develops the student's skills, abilities, and behaviors in the role of Clinical Medical Assistant. This course prepares the student to calculate proper dosage calculations for medication administration, perform safe medication administration, perform diagnostic tests delegated to the medical assistant by the provider (ECG, pulmonary function tests, venipuncture, etc.), and perform CLIA-waived tests commonly performed as point-of-care testing. This course allows the student to continue practicing psychomotor and affective competencies in the lab setting to prepare the student to provide safe care in the healthcare environment. This class must be taken with MA106Lec.

Semester Offering

Winter and Summer

Credits

Credit Hours

Credit Hours:

2

Requirements

Requirements

The student must be accepted into the Medical Assistant Certificate Program. The student must have received a C+ (77%) or higher in MA102Lec and MA102Lab.

MA108 - Medical Assistant Pharmacology

Overview

Department(s)

Medical Assistant

Course Description

The Medical Assistant Pharmacology course introduces students to pharmacology and the role of medical assistants in healthcare. The course introduces the students to safe medication practices, dosage calculations, medication classifications, and common medications prescribed to address acute and chronic conditions and for health maintenance and prevention.

Semester Offering

Winter and Summer

Credits

Credit Hours

Credit Hours:

2

Requirements

Requirements

The student must be accepted into the Medical Assistant Certificate Program. The student must have received a C+ (77%) or higher in MA102Lec and MA102Lab.

MA110 - Medical Assistant Seminar/Practicum

Overview

Department(s)

Medical Assistant

Course Description

The course has two parts: practicum and seminar. The practicum requires the student to perform 160 hours of unpaid, supervised work experience in a healthcare setting that provides opportunities to practice their administrative and clinical skills under the supervision of a licensed, registered, or certified healthcare professional. A weekly seminar will review the practicum experience and discuss job readiness, resume preparation, certification/registration, and continuing education.

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C+ in the following:

- MA101A - Medical Assistant Administrative I
AND
AND MA105A - Medical Assistant Administrative II
AND

MATH041 - Mathematics for Allied Health Sciences

Overview

Department(s)

Mathematics

Course Description

A brief yet succinct math course designed to transition successful MATH-040 students into successful Chemistry for Allied Health students.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MATH085 - Support for Probability and Statistics

Overview

Department(s)

Mathematics

Course Description

This course provides support for students enrolled in Probability and Statistics. Topics may include student success skills; math terms; solving problems; logical reasoning; algebra skills; reading and constructing graphs; and various statistical concepts. Calculators and applications are used. This course cannot be repeated.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Corequisite

Type

Corequisite

Enroll in the following Courses:

- MATH115A - Probability and Statistics

Requirements

Allow 1 repeat of the course without Instructor approval.

MATH087 - Support for Math for Liberal Arts

Overview

Department(s)

Mathematics

Course Description

This course provides support for students enrolled in Math for Liberal Arts. Topics may include student success skills; terminology; properties of numbers; problem solving strategies; logical reasoning; basic algebra skills; reading and constructing graphs; and other topics as necessary to the course. Calculators and applications are used. This course cannot be repeated.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Corequisite

Type

Corequisite

Enroll in the following Courses:

- MATH107A - Mathematics for Liberal Arts

Requirements

Allow 1 repeat of the course without Instructor approval.

MATH089 - Support for College Algebra

Overview

Department(s)

Mathematics

Course Description

This course provides support for students enrolled in College Algebra. Topics may include student success skills; math terms; algebra literacy; logical reasoning; equations; inequalities; exponents; radicals; functions; graphs; and various algebraic skills. Graphing calculators and applications are used. This course cannot be repeated.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Corequisite

Type

Corequisite

Complete ALL of the following Courses:

- MATH109A - College Algebra

Requirements

Allow 1 repeat of the course without Instructor approval.

MATH100NRT - Math for Health Science

Overview

Department(s)

Mathematics

Course Description

This course is intended for students in the health sciences tracks, including pre-majors. The course covers various algebraic operations (incl. literal equations, factoring, roots and non-linear equations, logarithms, and systems of linear equations), graphing, and problem solving as the language of science. The course also emphasizes unit conversions, the metric system, and significant figures. An introduction to the interpretation of data is included. The course also includes an arithmetic competency component.

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prereq: No course required. Must meet placement scores.

Note: Students with SAT Math sub-scores between 15 and 25, OR ACT Math sub-scores between 11 and 19, OR Accuplacer Arith scores between 200 and 270 249, OR ALEKS PPL scores between 0 and 13 are required to complete an ALEKS PPL module with the Academic Success Department before enrolling in the course.

MATH105 - Mathematics for Elementary Teachers

Overview

Department(s)

Mathematics

Course Description

Not a methods course. A general course for students majoring in elementary education. The basic ideas behind our number system and geometric concepts are discussed. Topics include: problem solving, sets, system of numeration, the real number system, geometry and metric measure.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prereq: No course required. Must meet placement scores.

Note: Students with a HS GPA between 0.0 and 2.9, OR SAT Math sub-scores between 15 and 25, OR ACT Math sub-scores between 11 and 19, OR Accu-Placer NG QAS scores between 231 and 260, OR Accu-Placer NG Arith scores between 200 and 300, OR ALEKS PPL scores between 0 and 13 are required to complete an ALEKS PPL module with the Academic Success department before enrolling in the course.

Requirements

Prereq: No course required. Must meet placement scores.

Note: Students with a HS GPA between 0.0 and 2.9, OR SAT Math sub-scores between 15 and 25, OR ACT Math sub-scores between 11 and 19, OR Accu-Placer NG QAS scores between 231 and 260, OR Accu-Placer NG Arith scores between 200 and 300, OR ALEKS PPL scores between 0 and 13 are required to complete an ALEKS PPL module with the Academic Success department before enrolling in the course.

MATH107A - Mathematics for Liberal Arts

Overview

Department(s)

Mathematics

Course Description

A survey course for students whose program of study does not require College Algebra or higher coursework. This course satisfies general education requirements, and is a prerequisite to Probability and Statistics (MATH-115 or BUS-105) and Math for Elementary Teachers (MATH-105). Topics covered include: financial mathematics, symbolic logic, probability and counting principles, voting, and apportionment methods, set theory and applications and applications of vertex-edge graphs. The history, language, and usefulness of mathematics will be emphasized throughout the course. Students will be expected to use routine algorithms and engage in critical thinking.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prereq: No course required. Must meet placement scores.

Corequisite: Students with a HS GPA between 2.5 and 2.9, OR SAT Math sub-scores between 22.5 and 25, OR ACT Math sub-scores between 17 and 19, OR Accuplacer NG QAS scores between 231 and 260, OR Accuplacer NG Arith scores between 271 and 300, OR ALEKS PPL scores between 7 and 13, are required to to enroll in Math 087 during the same term they take Math 107A.

Note: Students with a HS GPA between 0.0 and 2.4, OR SAT Math sub-scores between 15 and 22, OR ACT Math sub-scores between 11 and 16, OR Accuplacer NG QAS scores between 200 and 230, OR Accuplacer NG Arith scores between 200 and 270, OR ALEKS PPL scores between 0 and 6 are required to complete an ALEKS PPL module with the Academic Success Department before enrolling in the course.

MATH109A - College Algebra

Overview

Department(s)

Mathematics

Course Description

This is a college-level algebra course, intended primarily for students who will not need to fulfill math requirements beyond this level. Functions are considered in the context of formulas, tables, and graphs, with an emphasis on applications. Functions studied include polynomial, exponential, logarithmic, logistic, power, and rational. Other topics involve modeling data, combining functions, solving equations and inequalities, optimization, and rates of change. Problems will be solved using traditional algebra as well as with technology. Graphing calculators will be utilized.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prereq: No course required. Must meet placement scores.

Corequisite: Students with a HS GPA between 3.0 and 3.4, OR SAT Math sub-scores between 25 and 27, OR ACT Math sub-scores between 19 and 21, OR Accu-Placer NG QAS scores between 261 and 300, OR Accu-Placer NG Adv Alg scores between 200 and 229, OR ALEKS PPL scores between 14 and 29, are required to to enroll in Math 089 during the same term they take Math 109A.

Note: Students with a HS GPA between 0.0 and 2.9, OR SAT Math sub-scores between 15 and 24.5, OR ACT Math sub-scores between 11 and 18, OR Accu-Placer NG QAS scores between 200 and 260, OR Accu-Placer NG Arith scores between 200 and 300, OR ALEKS PPL scores between 0 and 13 are required to complete an ALEKS PPL module with the Academic Success department before enrolling in the course.

Requirements

Prereq: No course required. Must meet placement scores.

Corequisite: Students with a HS GPA between 3.0 and 3.4, OR SAT Math sub-scores between 25 and 27, OR ACT Math sub-scores between 19 and 21, OR Accu-Placer NG QAS scores between 261 and 300, OR Accu-Placer NG Adv Alg scores between 200 and 229, OR ALEKS PPL scores between 14 and 29, are required to to enroll in Math 089 during the same term they take Math 109A.

Note: Students with a HS GPA between 0.0 and 2.9, OR SAT Math sub-scores between 15 and 24.5, OR ACT Math sub-scores between 11 and 18, OR Accu-Placer NG QAS scores between 200 and 260, OR Accu-Placer NG Arith scores between 200 and 300, OR ALEKS PPL scores between 0 and 13 are required to complete an ALEKS PPL module with the Academic Success department before enrolling in the course.

MATH115A - Probability and Statistics

Overview

Department(s)

Mathematics

Course Description

Probability and statistics for business, social science, biological science, and other majors. Topics include: descriptive statistics including displays of data, probability, probability distributions including the binomial, normal and Poisson distributions, confidence intervals for proportions, means, and standard deviations, hypothesis testing for one and two samples, contingency tables and the chi-square test, analysis of variance, linear regression, and non-parametric statistics (optional). Methods of instruction include case studies, simulations, and the use of technology.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prereq: No course required. Must meet placement scores.

Corequisite: Students with a HS GPA between 3.0 and 3.4, OR SAT Math sub-scores between 25 and 27, OR ACT Math sub-scores between 19 and 21, OR Accu-Placer NG QAS scores between 261 and 300, OR Accu-Placer NG Adv Alg scores between 200 and 229, OR ALEKS PPL scores between 14 and 45, are required to enroll in Math 085 during the same term they take Math 115A.

Note: Students with a HS GPA between 0.0 and 2.9, OR SAT Math sub-scores between 15 and 24.5, OR ACT Math sub-scores between 11 and 18, OR Accu-Placer NG QAS scores between 200 and 260, OR Accu-Placer NG Arith scores between 200 and 300, OR ALEKS PPL scores between 0 and 13 are required to complete an ALEKS PPL module with the Academic Success department before enrolling in the course.

Requirements

Prereq: No course required. Must meet placement scores.

Corequisite: Students with a HS GPA between 3.0 and 3.4, OR SAT Math sub-scores between 25 and 27, OR ACT Math sub-scores between 19 and 21, OR Accu-Placer NG QAS scores between 261 and 300, OR Accu-Placer NG Adv Alg scores between 200 and 229, OR ALEKS PPL scores between 14 and 45, are required to enroll in Math 085 during the same term they take Math 115A.

Note: Students with a HS GPA between 0.0 and 2.9, OR SAT Math sub-scores between 15 and 24.5, OR ACT Math sub-scores between 11 and 18, OR Accu-Placer NG QAS scores between 200 and 260, OR Accu-Placer NG Arith scores between 200 and 300, OR ALEKS PPL scores between 0 and 13 are required to complete an ALEKS PPL module with the Academic Success department before enrolling in the course.

MATH141 - Precalculus

Overview

Department(s)

Mathematics

Course Description

Pre-calculus algebra, analytic geometry, and trigonometry, designed for students who will be taking calculus. Topics include: exponential, radical, and rational expressions; complex numbers; circles, solving equations; functions and their graphs (including polynomial, rational, exponential, logarithmic, trigonometric, and functions involving radicals); inverses of functions and graphs; function composition and transformation; trigonometric identities, equations, and applications; vectors sequences and series; polar coordinates; parametric equations; and systems of equations. Graphing calculators will be utilized.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

5

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- MATH109A - College Algebra

OR an SAT Math sub-score of 30 or higher, OR an ACT Math sub-score of 25 or higher, OR an Accuplacer NG Advanced Algebra score of 260 or higher.

Requirements

Remove Math 121 C or better and replace with Math 109A C or better.

MATH161 - Calculus I

Overview

Department(s)

Mathematics

Course Description

The calculus of elementary functions of one variable. Topics include: definition of a derivative, limits, derivatives and integrals of functions of one variable, related rates, maxima and minima, Rolle's Theorem, the Mean Value Theorem, and the Fundamental Theorem of Calculus. Graphing calculators will be utilized.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Requirements

Type

Prerequisite

Earn a minimum grade of C in the following:

- MATH141 - Precalculus

Or SAT Math sub-score of 33 or higher, or an Accuplacer NG Advanced Algebra score of 280 or higher.

Requirements

Prerequisite: A grade of "C" or better in Math 141, OR an SAT Math sub-score of 33 or higher, OR an ACT Math sub-score of 28 or higher, OR an Accu-Placer NG Adv Alg score of 280 or higher.

MATH162A - Calculus II

Overview

Department(s)

Mathematics

Course Description

A continuation of the calculus of functions of one variable. Topics include: methods of integration such as substitution, parts, trigonometric substitution and partial fractions; improper integrals; applications of integrals to area, volume, and arc length; an introduction to differential equations; and infinite series. Graphing calculators will be utilized.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- MATH161 - Calculus I

Note: Graphing calculator required;

Visit <http://www.muskegoncc.edu/calculator> for important information.

MATH215A - Statistics for Science & Engineering

Overview

Department(s)

Mathematics

Course Description

Note: A graphing calculator is required. This is a calculus-based introductory statistics course for science and engineering students. Topics include: descriptive and inferential statistics, probability, discrete and continuous probability distributions, joint probability distributions, confidence intervals, hypothesis testing, analysis of variance, correlation and linear regression, non-parametric techniques, and quality control methods. Applications and associated technologies for data science, research, and engineering are integrated into a capstone project.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- MATH161 - Calculus I

Recommended Coreq: MATH-162A

Note: Graphing calculator required;

Visit <http://www.muskegoncc.edu/calculator> for important information.

MATH276 - Linear Algebra With Applications

Overview

Department(s)

Mathematics

Course Description

A study of matrices, matrix operations, systems of linear equations, determinants, vectors, real and complex vector operations, vector spaces, eigen values, linear transformations, linear programming, and numerical methods. Applications used in science, engineering, business, computer science, and higher mathematics are integrated.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Enroll in the following Courses:

- MATH161 - Calculus I

Corequisite

Type

Corequisite

Enroll in the following Courses:

- MATH162A - Calculus II

Note: Graphing calculator required;

Visit <http://www.muskegoncc.edu/calculator> for important information.

MATH283 - Calculus III

Overview

Department(s)

Mathematics

Course Description

The calculus of functions of more than one variable. Topics include: vectors, vector functions, surfaces, the Dot Product, the Cross Product, limits and continuity in 3 dimensions, partial derivatives, chain rule for partial derivatives, gradients, multiple integrals, and vector calculus. Graphing calculators will be utilized

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- MATH162A - Calculus II

Note: Graphing calculator required;

Visit <http://www.muskegoncc.edu/calculator> for important information.

MATH295 - Differential Equations w/Linear Algebra

Overview

Department(s)

Mathematics

Course Description

An introduction to the theory and solution of ordinary differential equations with techniques involving slope fields, separation of variables, homogeneous functions, exact equations, linear equations of order one, integrating factors, Bernoulli's equation, coefficients linear in two variables, Wronskian, differential operators, Method of Undetermined Coefficients, reduction of order, variation of parameters, power series, Euler equation, the Laplace transform, linear systems, higher order linear equations, matrix algebra, eigen values, eigenvectors, determinants, and modeling applications in physical, biological, and social sciences. Computer software will be used to explore some of these topics. Graphing calculators will be utilized.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- MATH162A - Calculus II

Note: Graphing calculator required;

Visit <http://www.muskegoncc.edu/calculator> for important information.

MATH297ST - Math Topics and Skills for Pre-STEM

Overview

Department(s)

Mathematics

Course Description

This is an extensive course in algebra emphasizing the notation, skills, and problem types used in pre-calculus and calculus courses. This course is intended only for students pursuing a STEM field who are not ready for a pre-calculus course. Topics include: solving equations and inequalities, intervals, compound inequalities, absolute values, graphing, linear inequalities in 2 variables, integer exponents, scientific notation, factoring, operations with rational expressions, radicals and operations, fractional exponents, radical equations, geometric applications; quadratic equations, complex numbers, completing the square, the quadratic formula, functions, inverse functions, exponential and logarithmic functions, and systems of equations with 2 or 3 unknowns.

Semester Offering

Winter and Summer

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prereq: High School GPA of 2.5

MET101 - Industrial Materials

Overview

Department(s)

Materials Tech

Course Description

Industrial Materials is the study of the many materials which are used by modern industry, their basic similarities and differences, their physical, chemical, and electrical properties, and the ways in which materials are altered or combined to enhance their suitability for a specific industrial application.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

1

MET102 - Basic Cast Metals

Overview

Department(s)

Materials Tech

Course Description

Basic cast metals is an introductory study of the processes and methods of producing castings. The student will be introduced to patternmaking, finishing, and inspection. Laboratory tests of materials used in cast metals will be conducted. The student will be given an overview of cast metal manufacturing procedures. This course attempts to create a basic understanding and appreciation of the complexities of the cast metal industry.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

2

MET201 - Metallurgy

Overview

Department(s)

Materials Tech

Course Description

Metallurgy studies the physical, chemical, and electrical properties of metals and their alloys, as well as the effect on these properties of various mechanical and thermal treatments. The many indications of these properties and tests to establish their magnitude are also included.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

2

MSUAGFVCM - MSU Fruit/Veg Crop Management

Overview

Credits

Credit Hours

Credit Hours:

27

Contact Hours

Contact Hours in excess of Credit Hours:

0

MSUAGLANDM - MSU Landscape Management

Overview

Credits

Credit Hours

Credit Hours:

27

Contact Hours

**Contact Hours in
excess of Credit
Hours:**

0

MSUAGOPER - Agriculture Operations

Overview

Credits

Credit Hours

Credit Hours:

27

Contact Hours

**Contact Hours in
excess of Credit
Hours:**

0

MSUUFURFMG - MSU Urban Forest Management

Overview

Course Description

Transfer credits from MSU for Urban Forest Management shared program with MCC

Credits

Credit Hours

Credit Hours:

36

Contact Hours

**Contact Hours in
excess of Credit
Hours:**

0

MT101B - Basic Machining

Overview

Department(s)

Machine Tech

Course Description

This introductory course presents theory and hands-on experience in the practical application of machining. The course is structured for the student who has little or no previous experience in the field. The course introduces the student to industrial safety, precision measuring, common manufacturing materials, fasteners, and the operation of basic machine tools. These machine tools include the pedestal grinder, drill press, lathe, vertical milling machine, horizontal milling machine, and the surface grinder. CNC machining and other advanced metalworking methods will also be discussed.

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

4

Contact Hours

**Contact Hours in
excess of Credit
Hours:**

2

MT102A - Intermediate Machining

Overview

Department(s)

Machine Tech

Course Description

This course offers an in-depth examination of the machine tools commonly found in industry. The capabilities of drilling, turning, milling, and grinding machines will be explored as well as how these methods relate to advanced machining techniques and modern machine controls. A major focus of milling and turning will be experienced in the lab portion of this course. Each student will operate a CNC machine during the lab. The precision and quality that can be expected of these processes and their relationship to manufacturing will be stressed throughout the course.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

2

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Enroll in the following Courses:

- MT101B - Basic Machining

MT103A - Advanced Machining

Overview

Department(s)

Machine Tech

Course Description

This course will explore advanced machine tool operations and advanced grinding techniques. A major focus of grinding will be experienced in the lab portion of the course. Machines to be used in this class are: EDM, Surface Grinder, and Numerical Control Machine. Advanced operation of the Lathe, Mill, and Grinder will be discussed.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

2

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Enroll in the following Courses:

- MT102A - Intermediate Machining

MT150 - Machinery Handbook

Overview

Department(s)

Machine Tech

Course Description

This course familiarizes the technical student with the Machinery Handbook and its uses in the solution of problems. A continuation of the study of algebra, geometry, and trigonometry in addition to logarithms is included.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C- in the following:

- TMAT101A - Technical Math I

OR instructor permission

MT205A - NC/CNC Numerical Control/Computer

Overview

Department(s)

Machine Tech

Course Description

An introductory course in practical application of numerical control machining, and off-line programming. Designed to expose students to the basic concepts of numerical control with G and M codes.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

2

Requirements

Simple Requisites

Untitled Requirement

Type

Completion Requirement

MT206A - 2-D CAD/CAM Computer-Aided

Overview

Department(s)

Machine Tech

Course Description

Using Mastercam software, this course first explores the fundamentals of 2-D CAM systems. Students will learn to use the design package to create part geometry. Toolpaths for these parts will be created using the CAM system to create CNC programs for the mill, and lathe. This course is required for the Machining Technology program.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

2

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Enroll in the following Courses:

- MT205A - NC/CNC Numerical Control/Computer

MT216 - 3-D CAD/CAM Computer-Aided Design/Mach

Overview

Department(s)

Machine Tech

Course Description

This class continues the study of CAM into the realm of complex 3-D machining. Various complex surfaces will be designed, programmed, and machined. 3-D CNC programs will be created for both the Mill and Wire EDM. 3-D part processing will be covered in detail for each program. The trimming of complex surfaces is stressed. Installation of third-party software and interfacing with CAD software will also be covered. Students will also learn to create tooling and material libraries.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

2

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Enroll in the following Courses:

- MT206A - 2-D CAD/CAM Computer-Aided

MT218 - 5-Axis CNC & CMM

Overview

Department(s)

Applied Manufacturing Tech Lab

Course Description

This course introduces 5 axis CNC machining. CAD/CAM software will be utilized to generate 3D models that will then be toolpathed and machined on a 5 axis Vertical Milling Machine. CM Ms will also be taught and utilized. This course is required for the Machining Technology AAS.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

2

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- MT216 - 3-D CAD/CAM Computer-Aided Design/Mach

MT240 - Basic Machine Repair

Overview

Department(s)

Machine Tech

Course Description

This course provides a general overview of various mechanical systems found in manufacturing equipment. Both preventive maintenance and repair skills are stressed. The systems examined are: basic mechanics and mechanical skills, lubrication systems, bearings, belt drives, chain drives, gears and gear systems, couplings, fluid power systems and variable speed drives. Troubleshooting techniques are stressed throughout the course.

Semester Offering

Winter and Summer

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Enroll in the following Courses:

- MT101B - Basic Machining

MU076PVT - Remedial Applied Music (Guitar)

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU100 - Introduction to Music Theory

Overview

Department(s)

Music

Course Description

This course is designed for students with little or no theoretical background who are considering music as their major field, or high school seniors who do not have access to high school theory course. Includes fundamentals to basic musicianship; notation, clefs, scales, intervals, triads, rhythm, meter and tonality.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU101 - Music Theory

Overview

Department(s)

Music

Course Description

Fundamentals of basic musicianship, including notation, clefs, scales, intervals, triads, meter, rhythm and tonality. The analysis and writing of harmony in the styles of composers of the tonal period will be stressed.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Corequisite

Type

Corequisite

Enroll in the following Courses:

- MU190A - Class Piano for Music Majors
AND MU194 - Sight Reading and Ear Training

MU102 - Music Theory

Overview

Department(s)

Music

Course Description

A continuation of MU-101.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Requirements

Type

Corequisite

Complete ALL of the following Courses:

- MU191A - Class Piano (Music Majors)
AND MU195 - Sight Reading and Ear Training

Corequisite

Type

Corequisite

Enroll in the following Courses:

- MU191A - Class Piano (Music Majors)
AND MU195 - Sight Reading and Ear Training

MU103A - Music Appreciation

Overview

Department(s)

Music

Course Description

A first course in listening to music designed primarily for students with little or no musical training. Starting with the basic elements of music, the course uses extensive audio and visual materials, illustrating the development of music through the ages.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Requirements

n/a

MU104CS - College Singers

Overview

Department(s)

Music

Course Description

This is a performance ensemble for students with previous musical experience. Auditions will be held at the first class session for placement within the group and to verify that the student and ensemble are a reasonable match. High standards of musical performance are upheld. There are performances held throughout the year for student and adult audiences.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

MU104NC - Community Chorus

Overview

Department(s)

Music

Credits

Credit Hours

Credit Hours:

0

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU105CS - College Singers

Overview

Department(s)

Music

Course Description

An extension of MU-104CS.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

MU105NC - College Singers

Overview

Department(s)

Music

Credits

Credit Hours

Credit Hours:

0

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU106A - Collegiates

Overview

Department(s)

Music

Course Description

A select SATB vocal performance ensemble for students with previous musical experience. This ensemble performs a wide repertoire of music from the 17th Century to present day of varied genres. Auditions will be held prior to the first class session for placement within the group and to verify that the student and ensemble are a reasonable match. High standards of musical performance are upheld. Offered Fall/Winter

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

Prerequisite
Type Prerequisite
Enroll in the following Courses: <ul style="list-style-type: none">MU104CS - College Singers AND MU104NC - Community Chorus AND MU105CS - College Singers AND MU105NC - College Singers
Can take as Prerequisite or Concurrently

MU108CB - Concert Band (West MI Concert Winds)

Overview

Department(s)

Music

Course Description

This is performance ensemble for students with previous musical experience. Auditions will be held at the first class session for placement within the group and to verify that the student and ensemble area reasonable match. High standards of musical performance are upheld. There are performances held throughout the year for student and adult audiences.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

MU109CB - Concert Band

Overview

Department(s)

Music

Course Description

An extension of MU 108CB.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

MU110A - Jayhawk Sound

Overview

Department(s)

Music

Course Description

This ensemble performs a wide variety of popular music and musical cheers at MCC sports events and plays a vital role in supporting the athletes and athletic teams at MCC. In addition to the weekly rehearsals the ensemble performs at MCC sports events both on-off campus.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

1

MU110B - Jayhawk Sound

Overview

Department(s)

Music

Course Description

This ensemble performs a wide variety of popular music and musical cheers at MCC sports events and plays a vital role in supporting the athletes and athletic teams at MCC. In addition to the weekly rehearsals the ensemble performs at MCC sports events both on-off campus.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

1

MU110C - Jayhawk Sound

Overview

Department(s)

Music

Course Description

This ensemble performs a wide variety of popular music and musical cheers at MCC sports events and plays a vital role in supporting the athletes and athletic teams at MCC. In addition to the weekly rehearsals the ensemble performs at MCC sports events both on-off campus.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

1

MU110D - Jayhawk Sound

Overview

Department(s)

Music

Course Description

This ensemble performs a wide variety of popular music and musical cheers at MCC sports events and plays a vital role in supporting the athletes and athletic teams at MCC. In addition to the weekly rehearsals the ensemble performs at MCC sports events both on-off campus.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

1

MU110E - Jayhawk Sound

Overview

Department(s)

Music

Course Description

This ensemble performs a wide variety of popular music and musical cheers at MCC sports events and plays a vital role in supporting the athletes and athletic teams at MCC. In addition to the weekly rehearsals the ensemble performs at MCC sports events both on-off campus.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

1

MU110F - Jayhawk Sound

Overview

Department(s)

Music

Course Description

This ensemble performs a wide variety of popular music and musical cheers at MCC sports events and plays a vital role in supporting the athletes and athletic teams at MCC. In addition to the weekly rehearsals the ensemble performs at MCC sports events both on-off campus.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

1

MU111A - Wind Ensemble

Overview

Department(s)

Music

Course Description

An advanced-level wind ensemble performing traditional to contemporary wind-band literature. The ensemble focuses on the rehearsal and performance of the repertoire. In addition to the biweekly rehearsals the ensemble performs two to four times per semester both on-off campus.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

MU111B - Wind Ensemble

Overview

Department(s)

Music

Course Description

An advanced-level wind ensemble performing traditional to contemporary wind-band literature. The ensemble focuses on the rehearsal and performance of the repertoire. In addition to the biweekly rehearsals the ensemble performs two to four times per semester both on-off campus.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

MU111C - Wind Ensemble

Overview

Department(s)

Music

Course Description

An advanced-level wind ensemble performing traditional to contemporary wind-band literature. The ensemble focuses on the rehearsal and performance of the repertoire. In addition to the biweekly rehearsals the ensemble performs two to four times per semester both on-off campus.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

MU111D - Wind Ensemble

Overview

Department(s)

Music

Course Description

An advanced-level wind ensemble performing traditional to contemporary wind-band literature. The ensemble focuses on the rehearsal and performance of the repertoire. In addition to the biweekly rehearsals the ensemble performs two to four times per semester both on-off campus.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

MU111E - Wind Ensemble

Overview

Department(s)

Music

Course Description

An advanced-level wind ensemble performing traditional to contemporary wind-band literature. The ensemble focuses on the rehearsal and performance of the repertoire. In addition to the biweekly rehearsals the ensemble performs two to four times per semester both on-off campus.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

MU111F - Wind Ensemble

Overview

Department(s)

Music

Course Description

An advanced-level wind ensemble performing traditional to contemporary wind-band literature. The ensemble focuses on the rehearsal and performance of the repertoire. In addition to the biweekly rehearsals the ensemble performs two to four times per semester both on-off campus.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

MU117A - Jazz Ensemble

Overview

Department(s)

Music

Course Description

Ensemble dedicated to increasing the knowledge of jazz literature and improving skills in improvisation and ensemble playing through the preparation and performance of traditional and contemporary big-band jazz repertoire. In addition to the biweekly rehearsals the ensemble performs two to four times per semester both on-off campus.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

MU117B - Jazz Ensemble

Overview

Department(s)

Music

Course Description

Ensemble dedicated to increasing the knowledge of jazz literature and improving skills in improvisation and ensemble playing through the preparation and performance of traditional and contemporary big-band jazz repertoire. In addition to the biweekly rehearsals the ensemble performs two to four times per semester both on-off campus.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

MU117C - Jazz Ensemble

Overview

Department(s)

Music

Course Description

Ensemble dedicated to increasing the knowledge of jazz literature and improving skills in improvisation and ensemble playing through the preparation and performance of traditional and contemporary big-band jazz repertoire. In addition to the biweekly rehearsals the ensemble performs two to four times per semester both on-off campus.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

MU117D - Jazz Ensemble

Overview

Department(s)

Music

Course Description

Ensemble dedicated to increasing the knowledge of jazz literature and improving skills in improvisation and ensemble playing through the preparation and performance of traditional and contemporary big-band jazz repertoire. In addition to the biweekly rehearsals the ensemble performs two to four times per semester both on-off campus.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

MU117E - Jazz Ensemble

Overview

Department(s)

Music

Course Description

Ensemble dedicated to increasing the knowledge of jazz literature and improving skills in improvisation and ensemble playing through the preparation and performance of traditional and contemporary big-band jazz repertoire. In addition to the biweekly rehearsals the ensemble performs two to four times per semester both on-off campus.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

MU117F - Jazz Ensemble

Overview

Department(s)

Music

Course Description

Ensemble dedicated to increasing the knowledge of jazz literature and improving skills in improvisation and ensemble playing through the preparation and performance of traditional and contemporary big-band jazz repertoire. In addition to the biweekly rehearsals the ensemble performs two to four times per semester both on-off campus.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

MU119 - Symphonic Ensemble

Overview

Department(s)

Music

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

2

MU127A - Jazz Guitar-Secondary Instrument

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU127B - Jazz-Guitar Secondary Instrument

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU127C - Jazz Guitar-Secondary Instrument

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU127D - Jazz Guitar-Secondary Instrument

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU128A - Voice

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU128B - Voice

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU128C - Voice

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU128D - Voice

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU129B - Applied Mu Sec Instru-Piano

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU129A - Applied Mu Sec Instru-Piano

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU129C - Applied Mu Sec Instru-Piano

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU129D - Applied Mu Sec Instru-Piano

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU130B - Cornet-Trumpet

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU130A - Appl Mu Sec Instr Cornet-Tru

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU130C - Cornet-Trumpet

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU130D - Cornet-Trumpet

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU131A - Applied Mu Sec Instru-Clarinet

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU132A - Applied Music-Sec. Instrumt. Trombone

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU132B - Trombone

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU133A - Applied Music-Sec Instrument-Baritone

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

1

MU133B - Applied Music-Sec Instrument-Baritone

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

MU133C - Applied Music-Sec Instrument-Baritone

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

MU133D - Applied Music-Sec Instrument-Baritone

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

MU134A - Tuba

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

MU135A - French Horn

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

1

MU135B - French Horn

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

MU136A - Flute

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

MU136B - Flute

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

MU136C - Flute

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

MU136D - Flute

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU137A - Oboe

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU137PVT - Applied Music Secondary Instrument

Overview

Department(s)

Music

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU138A - Bassoon

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

MU138B - Bassoon

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU138C - Bassoon

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

MU138D - Bassoon

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU138PVT - Applied Music Sec Instrument-Basson

Overview

Department(s)

Music

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU139A - Saxophone

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

MU139B - Saxophone

Overview

Department(s)

Music

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU139C - Saxophone

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU139PVT - Applied Music Sec Instrument-Saxophone

Overview

Department(s)

Music

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU140A - Percussion

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

MU140PVT - Applied Music Sec Instrument-Percussion

Overview

Department(s)

Music

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU141A - Guitar

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

MU141B - Guitar

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

MU141C - Guitar

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

MU141PVT - Applied Music Sec Instrument-Guitar

Overview

Department(s)

Music

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

MU142A - Organ

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU142B - Organ

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU142C - Organ

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU142D - Organ

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU142PVT - Applied Music Sec Instrument-Organ

Overview

Department(s)

Music

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU143PVT - Applied Mu Sec Instru-Harp

Overview

Department(s)

Music

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU144A - Violin

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU144B - Violin

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU144C - Violin

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU144D - Violin

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU144PVT - Applied Music Sec Instrument-Violin

Overview

Department(s)

Music

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU145A - Viola

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU145B - Private Viola (advanced)

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU145PVT - Applied Music Secondary Instr. - Viola

Overview

Department(s)

Music

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU146A - Cello

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU146B - Cello

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

MU146PVT - Applied Music Secondary Instr.:Cello

Overview

Department(s)

Music

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU147A - Double Bass

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU147B - Double Bass

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU148 - Jazz Guitar-Primary Instrument

Overview

Department(s)

Music

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU149 - Jazz Guitar-Primary Instrument

Overview

Department(s)

Music

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU150 - Applied Music Primary Major Voice

Overview

Department(s)

Music

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU150PVT - Applied Music Primary Instrument

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU151PVT - Applied Music Primary Major Voice

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU152PVT - Applied Music Primary Major Piano

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU154PVT - Applied Music Primry Major Cornet

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU153PVT - Applied Music Primary Major Piano

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU155PVT - Applied Music Primary Cornet

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU156PVT - Applied Music Primary Major Clarinet

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

MU157PVT - Applied Music Primary Major Clarinet

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

MU158PVT - Applied Music Primary Major-Trombone

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

MU159PVT - Applied Mu Prim Maj-Tromb

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

MU160PVT - Applied Music Primary Major-Baritone

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

MU162PVT - Applied Music Primary Major-Tuba

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

MU161PVT - Applied Mu Prim Maj-Barit

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

MU163PVT - Applied Music Primary Major-Tuba

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

MU164PVT - Applied Music Primary Major French Horn

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

2

MU165PVT - Applied Music Primary Major-French Horn

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

MU166PVT - Applied Music Primary Major-Flute

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

MU167PVT - Applied Music Primary Major-Flute

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

MU168PVT - Applied Music Primary Major-Oboe

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

MU169PVT - Applied Music Primary Major-Oboe

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

MU170PVT - Applied Music Primary Major-Bassoon

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

MU171PVT - Applied Music Primary Major-Bassoon

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

MU173PVT - Applied Music Primary Major-Saxophone

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

MU176PVT - Applied Music Primary Major-Guitar

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

MU177PVT - Applied Music Primary Major-Guitar

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

MU182PVT - Applied Music Primary Major-Violin

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

MU190A - Class Piano for Music Majors

Overview

Department(s)

Music

Course Description

This course is required of all music majors and is open also to students with some previous keyboard experience who can use these transferable humanities credits or desire the training. Special emphasis is given to sight-reading, transposition, playing by ear, harmonizing melodies, accompaniments and scales.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

Prerequisites

Type

Prerequisite

Enroll in the following Courses:

- MU101 - Music Theory
AND MU194 - Sight Reading and Ear Training

Can take as Prerequisite or Concurrently

MU190B - Classical Piano (Non-Music Majors)

Overview

Department(s)

Music

Course Description

This course is open to any student who wishes to learn to play the piano. No previous training or knowledge of music is necessary.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

1

MU190C - Class Piano (Basic Piano)

Overview

Department(s)

Music

Course Description

This course in basic piano is a required co-requisite for students in MU-192 or DMU-101 unless requirements can be met by examination. See instructor.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

Corequisite

Type

Corequisite

Enroll in the following Courses:

- MU192 - Music for the Classroom Teacher
AND DMU101 - Audio Recording I

MU191A - Class Piano (Music Majors)

Overview

Department(s)

Music

Course Description

A continuation of MU 190A.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Enroll in the following Courses:

- MU190A - Class Piano for Music Majors

Corequisite

Type

Corequisite

Enroll in the following Courses:

- MU102 - Music Theory
AND MU195 - Sight Reading and Ear Training

OR instructor permission

MU191B - Class Piano (non-Music Majors)

Overview

Department(s)

Music

Course Description

A continuation of MU 190B.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Enroll in the following Courses:

- MU190B - Classical Piano (Non-Music Majors)

MU191C - Class Piano

Overview

Department(s)

Music

Course Description

This course in basic piano is a required corequisite for students in the second semester of the Digital Music and Audio Certification: Music track, unless requirements can be met by examination. See instructor.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Enroll in the following Courses:

- MU190C - Class Piano (Basic Piano)

MU192 - Music for the Classroom Teacher

Overview

Department(s)

Music

Course Description

This course is required for future elementary classroom teachers. No previous musical training is necessary. The course provides a background in the fundamental elements of music through singing, playing classroom rhythm and melody instruments, recorder and autoharp. Includes introduction to methods of teaching music, observation, and participation in area schools.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Enroll in the following Courses:

- MU190C - Class Piano (Basic Piano)

Can take as Prerequisite or Concurrently

MU193A - Hip-Hop, Rock, and All the World's Music

Overview

Department(s)

Music

Course Description

World Music is an introduction to the music of selected world cultures, including South and Central America, Africa, India, China, and North America. Every class will require some listening and reading/research on the part of the student. As an introductory class, no prior technical experience with music is required. Students will also write a performance-analysis of a musical event (approved by the instructor) outside of class.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU194 - Sight Reading and Ear Training

Overview

Department(s)

Music

Course Description

The acquisition of the skills of melodic and rhythmic sight-reading and the disciplining of the ear to reproduce melodies, harmonies and rhythms by dictation.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

Corequisite

Type

Corequisite

Enroll in the following Courses:

- MU101 - Music Theory
AND MU190A - Class Piano for Music Majors

MU195 - Sight Reading and Ear Training

Overview

Department(s)

Music

Course Description

A continuation of MU 194.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Enroll in the following Courses:

- MU194 - Sight Reading and Ear Training

Corequisite

Type

Corequisite

Enroll in the following Courses:

- MU102 - Music Theory
AND MU191A - Class Piano (Music Majors)

MU201 - Advanced Theory

Overview

Department(s)

Music

Course Description

A continuation of Theory required of music majors. It combines the elements of counter-point, form analysis and 20th century practices with an emphasis on creative writing and arranging. Advanced sight-singing and melodic, harmonic, and rhythmic dictations are also stressed.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Enroll in the following Courses:

- MU101 - Music Theory
AND MU102 - Music Theory

Corequisite

Type

Corequisite

Enroll in the following Courses:

- MU290 - Advanced Classical Piano

MU202 - Advanced Theory

Overview

Department(s)

Music

Course Description

A continuation of MU 201.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Enroll in the following Courses:

- MU201 - Advanced Theory

Corequisite

Type

Corequisite

Enroll in the following Courses:

- MU291 - Class Piano-Music Majors

MU203 - Vocal & Instrumental Conduct Tech

Overview

Department(s)

Music

Course Description

Practical methods and conducting techniques for instrumental and vocal ensembles, with emphasis on rehearsal preparation, interpretation and performance, and basic communication between conductor and ensemble members.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

2

MU240 - Professional Practices in Music

Overview

Department(s)

Music

Course Description

This course introduces students to career options and common business practices in the music industry. Students learn how to market their music and music performances along with how to promote themselves within the industry, through the use of multimedia which includes Web and print resources. Students are exposed to contract preparation, intellectual property considerations and introduced to performing arts unions. A key component to this course is the study of ethical practices within the music industry.

Semester Offering

Summer Session Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

**Contact Hours in
excess of Credit
Hours:**

0

MU248 - Jazz Guitar-Advanced Instrument

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

2

Contact Hours

**Contact Hours in
excess of Credit
Hours:**

0

MU249 - Jazz-Guitar-Advanced Instrument

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

2

Contact Hours

**Contact Hours in
excess of Credit
Hours:**

0

MU250 - Applied-Music-Advanced Instrument -Voice

Overview

Department(s)

Music

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU251PVT - Applied Music-Advanced Instr. Voice

Overview

Department(s)

Music

Credits

Credit Hours

Credit Hours:

2

MU260PVT - Applied Music-Adv Instrument-Baritone

Overview

Department(s)

Music

Credits

Credit Hours

Credit Hours:

2

MU290 - Advanced Classical Piano

Overview

Department(s)

Music

Course Description

A continuation of the freshman piano class plus the addition of clef and vocal score reading. Required of all music majors unless they are able to pass the requirements at the end of their freshman year.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

Corequisite

Type

Corequisite

Enroll in the following Courses:

- MU201 - Advanced Theory

MU291 - Class Piano-Music Majors

Overview

Department(s)

Music

Course Description

A continuation of MU-290A.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Enroll in the following Courses:

- MU290 - Advanced Classical Piano

Corequisite

Type

Corequisite

Enroll in the following Courses:

- MU202 - Advanced Theory

MU297HH - Jazz History: an American Art Form

Overview

Department(s)

Music

Course Description

A survey study of jazz from 1900-present. The types of jazz studied will include the chronological progression of Dixieland, blues, swing, be-bop, cool jazz, jazz fusion and free jazz. There will also be a focus on important musicians, composers, and arrangers of jazz music.

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU297P - Wind Ensemble

Overview

Department(s)

Music

Course Description

A select ensemble which is dedicated to preparing and performing the finest traditional contemporary and transcribed literature for Wind Ensemble. An emphasis is placed on understanding the pieces from an aesthetic and stylistic basis. The Wind Ensemble performs publicly and may include regional tours.

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

MU297Q - Jayhawk Sound

Overview

Department(s)

Music

Course Description

This ensemble is effectively the athletic activities band of the campus and performs at home sports events and possibly away tournaments as well as other community events. The ensemble offers students the opportunity to perform a large quantity of popular music. Instrumentation includes brass, woodwinds, and percussion and placement is determined by audition.

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

MU297R - Jazz Ensemble

Overview

Department(s)

Music

Course Description

A select big band Jazz Ensemble which provides students with the opportunity to rehearse and perform outstanding literature in contemporary and traditional big band jazz. The ensemble is dedicated to increasing the knowledge of jazz literature and improving skills in improvisation and ensemble playing. Special consideration is given to the rehearsal and performance of student compositions and arrangements. The Jazz Ensemble performs publicly and may include regional tours.

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

MU297S - Jazz Improvisation I

Overview

Department(s)

Music

Course Description

An introduction and study with direct application of the fundamentals of jazz improvisation. There will be study of transcribed solos and tune memorization, basic chord and scale patterns and their recognition as well as chord-scale relationships and basic blues forms will be studied. Students will develop aural and performance skills related to these jazz theory skills.

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

0

MU297V - Voice Class I-Fund of Vocal Technique

Overview

Department(s)

Music

Course Description

This is an introductory level course designed to begin the development of vocal potential and to lay a foundation for proper vocal production. Materials studied may include vocal exercises, folksongs, English and Italian art songs, popular standards and musical theatre selections. Repertory will be assigned according to the student's needs, abilities, and preferences. This course is designed primarily for persons with little or no singing experience. The ability to read music is helpful but not required.

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

MUPVTADVP - Applied Music-Adv Primary Inst

Overview

Department(s)

Music

Credits

Credit Hours

Credit Hours:

2

MUPVTSEC - Applied Music-Secondary Inst.

Overview

Department(s)

Music

Credits

Credit Hours

Credit Hours:

1

MUPVTPRI - Applied Music-Primary Inst.

Overview

Department(s)

Music

Credits

Credit Hours

Credit Hours:

2

MUPVTREM - Mu 050-089 Pvt-Remedial Applied Music

Overview

Department(s)

Music

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

NUR100 - Overview of the Nursing Profession

Overview

Department(s)

Nursing

Course Description

Note: Course restricted to current Nursing students. This course is designed to provide students with an overview for a career in the profession of nursing. The focus of the course is on the roles and responsibilities of the licensed practical nurse and the registered nurse as members of the health care delivery team. Emphasis is placed on current issues and trends in nursing practice and education, and the derivation of medical terminology.

Semester Offering

Fall and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Must complete entry level requirements and receive an acceptance letter into the Nursing Program.

Corequisite

Type

Corequisite

Earn a minimum grade of C in the following:

- ENG101 - English Composition
AND PSYC201 - General Psychology
AND ANTH103 - Cultural Diversity in Contemp. Society
AND BIOL152L&L - Human Anatomy

Can take as Prerequisite or Concurrently

Course restricted to current Nursing students.

NUR121A - Basic Pharmacology

Overview

Department(s)

Nursing

Course Description

Note: Course restricted to current Nursing students. This course is designed to provide the student with the theoretical foundation for the clinical application of pharmacology throughout the nursing curriculum. The focus of the course is on the identification of the major drug classifications. Emphasis is placed on the identification of the basic mode of action, therapeutic effects, adverse effects, nursing implications, and patient teaching for the most common drug groups within each classification.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- BIOL152L&L - Human Anatomy

Course restricted to current Nursing students.

NUR126A - Family Health & Nursing Care

Overview

Department(s)

Nursing

Course Description

This course is designed to provide the student with the theoretical and clinical foundation for nursing practice in the care of the family. The student will use the nursing process to prioritize health needs, promote wellness, and facilitate stress adaptation with the client and family. Emphasis is placed on nursing assessment skills, nurse and patient safety, and health promotion with childbearing families.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

7

Contact Hours

Contact Hours in excess of Credit Hours:

5

NUR131B - Care of the Childrearing Family

Overview

Department(s)

Nursing

Course Description

Note: Course restricted to current Nursing students. This course is designed to provide the student with the theoretical foundation for facilitating stress adaptation related to childrearing. The focus of the course is on the application of previously learned biopsychosocial and nursing principles and processes in the care of the childrearing family. Emphasis is placed on the identification of the changing priority of health needs and adaptation problems associated with infancy through young adulthood.

Semester Offering

Winter and Summer

Credits

Credit Hours

Credit Hours:

8

Contact Hours

Contact Hours in excess of Credit Hours:

8

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C+ in the following:

- NUR121A - Basic Pharmacology
AND NUR126A - Family Health & Nursing Care

Recommended: [BIOL252L&L](#) must be completed with a C or better

NUR141B - Care of the Maturing Family

Overview

Department(s)

Nursing

Course Description

Note: Course restricted to current Nursing students. This course is designed to provide the student with the theoretical foundation for facilitating stress adaptation related to adult maturation. The focus of the course is on the application of previously learned biopsychosocial and nursing principles and processes in the care of the maturing family. Emphasis is placed on the identification of the changing priority of health needs and medical adaptation problems associated with middle and late adulthood.

Semester Offering

Fall and Summer

Credits

Credit Hours

Credit Hours:

8

Contact Hours

Contact Hours in excess of Credit Hours:

8

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C+ in the following:

- NUR131B - Care of the Childrearing Family

Recommended:

Chemistry (see Nursing Career Ladder for options) with a C or better.

Can take as Prerequisite or Concurrently.

NUR211A - Care of Family-Psycho Crisis

Overview

Department(s)

Nursing

Course Description

Note: Course restricted to current Nursing students. This course is designed to provide the student with the theoretical foundation for facilitating stress adaptation in clients/families in psychological crisis. The focus of the course is on the identification of biopsychosocial and nursing principles and processes used in the care of clients with mental health needs. Emphasis is placed on all components of the nursing process, therapeutic communication, and collaborating with team members.

Semester Offering

Winter and Summer

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

4

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C+ in the following:

- NUR212B - Care of the Family in Physiol. Crisis

Course restricted to current Nursing students.

NUR212B - Care of the Family in Physiol. Crisis

Overview

Department(s)

Nursing

Course Description

Note: Course restricted to current Nursing students. This course is designed to provide the student with the theoretical foundation for facilitating man's adaptation to multiple stressors in acute care settings. The focus of the course is on the identification and application of biopsychosocial and nursing principles and processes in the care of the family with complex health needs. Emphasis is placed on the application of all components of the nursing process, including use of advanced psychomotor skills, in the care of adults in physiological crisis.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

8

Contact Hours

Contact Hours in excess of Credit Hours:

8

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C+ in the following:

- NUR141B - Care of the Maturing Family

Earn a minimum grade of C in the following:

- ENG101 - English Composition
AND PSYC201 - General Psychology
AND ANTH103 - Cultural Diversity in Contemp. Society
AND BIOL152L&L - Human Anatomy

Chemistry with a grade of C or better

Corequisite

Type

Corequisite

Earn a minimum grade of C in the following:

- BIOL207A - Microbiology Lab
AND BIOL207LEC - Microbiology Lecture

Plus valid, unencumbered MI LPN license and work experience in the LPN role.
(Credit for Industry-Recognized Credential may be required.)

NUR222A - Managing Care of the Family

Overview

Department(s)

Nursing

Course Description

Note: Course restricted to current Nursing students. This course is designed to provide the student with a theoretical foundation for managing the nursing care for groups of individual patients and their families. Previously learned biopsychosocial and nursing principles are integrated into the nurse manager role. Emphasis is placed on the use of management principles, the nursing process, trends in nursing, and transition into the registered nurse role.

Semester Offering

Winter and Summer

Credits

Credit Hours

Credit Hours:

5

Contact Hours

Contact Hours in excess of Credit Hours:

6

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C+ in the following:

- NUR211A - Care of Family-Psycho Crisis

Course restricted to current Nursing students.

OCE101 - Introduction to Oceanography

Overview

Department(s)

Geology

Course Description

Oceanography is the study of the oceans through the lens of many different scientific disciplines. This course emphasizes geological, chemical, physical, and biological aspects of oceanography and how these systems interact and influence one another. Topics range from air-sea gas exchange and its influence on global climate, to the differences between waves and tsunamis and what causes them to occur, to life in the ocean and how it is influenced by geologic, chemical, and physical processes in the ocean.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

4

Requirements

Requirements

None

OFC111 - Sports Officiating BB, BB & FB

Overview

Department(s)

Physical Ed/Professional

Course Description

Sports Officiating will provide the student with the knowledge and expertise necessary to officiate in physical education classes, intramurals, and interscholastically. It includes the basic fundamental skills on officiating as well as the rules and mechanics of baseball, basketball and football. A MCC HPER physical release is required before the start of any activity.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

OFC112 - Sports Officiating SB, BB & VB

Overview

Department(s)

Physical Ed/Professional

Course Description

Sports Officiating will provide the student with the knowledge and expertise necessary to officiate in physical education classes, intramurals, and interscholastically. It includes the basic fundamental skills on officiating as well as the rules and mechanics of softball, basketball and volleyball. A MCC HPER physical release is required before the start of any activity.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

PEA100C - Hatha Yoga

Overview

Department(s)

Physical Ed Activity

Course Description

Basic postures, nutrition, meditation and the psychological and philosophical principles of yoga will be studied. Breath control and focusing the mind are practiced throughout the course. An MCC HPER physical release is required before the start of any activity.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

1

PEA101A - Fitness, Wellness and Nutrition

Overview

Department(s)

Physical Ed Activity

Course Description

A study of the body functions as they relate to exercise, postural alignment, good nutrition and diet. Students will understand and experience factors important to the physical, psychological and social well-being of the individual. Individual physical fitness testing, exercise programs, leisure-time exploration and consumer skill development will be presented. An MCC HPER physical release is required before the start of any activity.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

1

PEA103 - Weight Training

Overview

Department(s)

Physical Ed Activity

Course Description

Weight training is a course which covers objectives, fundamental skills, safety suggestions and procedures to develop individual conditioning and weight training programs. Performance and written tests are given. An MCC HPER physical release is required before the start of any activity.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

1

PEA104A - Walking, Jogging and Conditioning

Overview

Department(s)

Physical Ed Activity

Course Description

A co-educational course designed for individuals interested in establishing a physical fitness program emphasizing the cardiovascular component. The class includes individually prepared programs of walking/jogging, flexibility and muscular endurance conditioning. An MCC HPER physical release is required before the start of any activity.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

1

PEA105 - Pocket Billiards

Overview

Department(s)

Physical Ed Activity

Course Description

This course is designed to teach the various games of pocket billiards. It will include rules, regulations, the fundamentals of the different games, and match play tactics and tournament competition. An MCC HPER physical release is required before the start of any activity.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

PEA107 - Archery

Overview

Department(s)

Physical Ed Activity

Course Description

Fundamental skills, techniques and rules of archery are practiced and studied, shooting 10-160 yards. An MCC HPER physical release is required before the start of any activity.

Semester Offering

Fall and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

PEA108 - Bowling

Overview

Department(s)

Physical Ed Activity

Course Description

This course includes history, rules, courtesies, fundamental skills, and team competition. An MCC HPER physical release is required before the start of any activity. (Fee)

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

PEA109 - Sport Judo and Self Defense

Overview

Department(s)

Physical Ed Activity

Course Description

The course will include a history of the sport, basic individual fundamentals, rules interpretation, courtesies and self-defense techniques. An MCC HPER physical release is required before the start of any activity.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Enroll in the following Courses:

- PEA109 - Sport Judo and Self Defense

Must be at least 14 years old, and have basic experience in some Martial art such as Judo, Jujutsu, Karate, Self Defense or other similar art.

PEA114 - Golf I

Overview

Department(s)

Physical Ed Activity

Course Description

Fundamentals, skills, strategies and rules of golf are practiced and studied. Practice on the driving range, putting green and actual play are included. Skill and written testing. An MCC HPER physical release is required before the start of any activity. (Fee)

Semester Offering

Fall and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

PEA118 - Cycling

Overview

Department(s)

Physical Ed Activity

Course Description

This course is designed to introduce the individual to the activity of cycling. The class will include safety factors of cycling and a progressive cycling program. Fitness and written testing are included. An MCC HPER physical release is required before the start of any activity.

Semester Offering

Fall and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

PEA121 - Human Movement Science

Overview

Department(s)

Physical Ed Activity

Course Description

This course will explore the past, present, and future of human movement science highlighting professional preparation and opportunities. Physical fitness and health behaviors will be introduced, as well as an opportunity to develop a personal fitness program to begin building a healthy lifestyle. An MCC HPER physical release is required before the start of any activity.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

PEA139A - Basic Canoeing/Kayaking

Overview

Department(s)

Physical Ed Activity

Course Description

This course is designed for those students who wish to gain additional knowledge and skill in the sports of canoeing and kayaking. The course will cover the history, equipment design, regulations, skills and techniques involved in safe paddling in flat, open and swift water. For admittance into the course, the student must have swimming ability sufficient to enable him/her to maintain himself/herself in the water for ten minutes comfortably and calmly, with relaxation and gentle movements, while clothed in shirts, trousers and tennis shoes or the equivalent. An MCC HPER physical release is required before the start of any activity.

Semester Offering

Fall and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

1

PEA154A - Volleyball I

Overview

Department(s)

Physical Ed Activity

Course Description

The fundamental skills, rules, strategies and courtesies of power volleyball are practiced and studied. Written and skill testing are required. An MCC HPER physical release is required before the start of any activity.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

PEA155 - Basketball I

Overview

Department(s)

Physical Ed Activity

Course Description

This course includes: history, explanation of rules, basic individual fundamentals, offensive and defensive theory and testing of individual skills and knowledge. An MCC HPER physical release is required before the start of any activity.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

PEA156 - Beach Volleyball

Overview

Department(s)

Physical Ed Activity

Course Description

The fundamental skills, rules, strategies and courtesies of beach volleyball are practiced and studied. Opportunity to play, officiate and critique will be offered. Written and skill testing are required. An MCC HPER physical release is required before the start of any activity.

Semester Offering

Fall and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

PEA164 - Zumba Movement for Fitness

Overview

Department(s)

Physical Ed Activity

Course Description

Zumba is Spanish and means "to move fast and have fun". It is a sizzling fusion of traditional Cumbia, salsa, samba and meringue paired with pulsating Latin rhythms mixed with international dance steps. Sizzling music really makes this class. A MCC HPER physical release is required before the start of any activity. An MCC HPER physical release is required before the start of any activity.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

PEA165 - Tai Chi

Overview

Department(s)

Physical Ed Activity

Course Description

Research, practice, and application of the basic concepts, and internal and external aspects of Tai Chi. Students will use this traditional Chinese martial art and health practice to develop a gentle, healthy, personal and life-long exercise. An MCC HPER physical release is required before the start of any activity.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

PEA166 - Beginning Pickleball

Overview

Department(s)

Physical Ed Activity

Course Description

This is a beginning pickleball course in which students will develop basic knowledge and skills to play the sport of pickleball. Technical skills include forehand and backhand groundstrokes, volleys, serves, lobs, overheads, dinks, and proper footwork. Students will also learn the fundamental rules, basic strategies, and court positioning for singles and doubles play. An MCC HPER physical release is required before the start of any activity.

Semester Offering

Fall and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

PEA170 - Pilates

Overview

Department(s)

Physical Ed Activity

Course Description

This course is an investigation into the foundational principles of the Pilates method, a mind-body system of conditioning and strengthening developed by Joseph and Clara Pilates between 1920-1967. Students will become familiar with Pilates terminology and progressions, as well as gain a basic understanding of functional anatomy and physiology concepts. Exercises are primarily designed to gain core strength (abdominal, back, and lumbopelvic region), and enhance flexibility, posture and body awareness. Both classical and contemporary Pilates mat exercises will be taught, occasionally employing props such as flex band, small Pilates balls, and yoga blocks.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

1

Requirements

Simple Requisites

An MCC HPER physical release is required before the start of any activity.

PEA200 - Kundalini Yoga

Overview

Department(s)

Physical Ed Activity

Course Description

Basic postures, meditation, nutrition, and psychological and philosophical principles of Kundalini yoga will be studied. Breath control, mantra (aloud and silent), and focusing the mind are practiced throughout the course. An MCC HPER physical release is required before the start of any activity.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

1

PEA201 - Aerobic Movement for Fitness

Overview

Department(s)

Physical Ed Activity

Course Description

An introduction to aerobic fitness programs and routines. Students will learn simple aerobic routines including steps set to music, achieving better cardiovascular endurance, muscular strength, overall flexibility and individual fitness testing. An MCC HPER physical release is required before the start of any activity.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

PEA209 - Sport Judo and Self Defense II

Overview

Department(s)

Physical Ed Activity

Course Description

A Muskegon Community College physical card must be on file in the Physical Education Office prior to the beginning of participation in class. Sport Judo and Self Defense II (Jujutsu) will include advanced techniques enabling the student to become more skilled in Martial Arts such as KATA (forms) and SHIAI (competition).

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

PEA214A - Golf II

Overview

Department(s)

Physical Ed Activity

Course Description

This course is designed for those students who wish to play, teach or coach the game of golf. Normally considered to be for the intermediate student of golf. (Fee)
An MCC HPER physical release is required before the start of any activity.

Semester Offering

Fall and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Enroll in the following Courses:

- PEA114 - Golf I

PEP200 - Essentials of Personal Training

Overview

Department(s)

Physical Ed/Professional

Course Description

Students will learn about the essentials to personal training. Students will be introduced to the human movement system, the Optimal Performance Training (OPT) model and other domains of exercise science: assessment, exercise technique and training instruction, program design, considerations in nutrition, client relations and behavioral coaching. Students will be responsible for five (5) hours of job shadowing, and will be responsible for implementing programming for peers. This class is intended for students who want to become a Certified Personal Trainer (CPT). Training certification will be a component of the course. An MCC HPER physical release is required before the start of any activity.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

PEP203 - Fundamentals of Coaching

Overview

Department(s)

Physical Ed/Professional

Course Description

This course is designed for both experienced and novice coaches interested in understanding and/or improving their professional coaching skills. Topics to be covered include: philosophy, growth and development, sports safety training, psychology, litigation/liability, and sports management. This class is intended for students who want to become a certified coach. Training certification with the MHSAA will be a component of the course.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

PHIL101 - Basic Concepts of Philosophy

Overview

Department(s)

Philosophy

Course Description

A course which presents some of the issues, questions and problems of philosophy and quasi-philosophical thought, as these issues and thoughts are developed by traditional and contemporary philosophers.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

PHIL102 - Principles of Logic

Overview

Department(s)

Philosophy

Course Description

A course which aims to give students an understanding of the fundamental forms of rational argument and critical reasoning skills that can be used in a wide range of disciplines and careers. There will be an examination of deductive and inductive reasoning, as well as formal and informal fallacies to facilitate the art of distinguishing correct from incorrect reasoning.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

PHIL104 - Symbolic Logic

Overview

Department(s)

Philosophy

Course Description

This is an introductory course in Symbolic Logic, or the art of formal reasoning. It should be of special value to anyone with an interest in mathematics, computer programming, the sciences, or philosophy. Students will learn how to work with various classical and modern formal languages such as syllogistic logic, propositional logic, modal logic, and quantificational logic, and develop the ability to think in any discipline with greater clarity, precision, and understanding. No philosophy prerequisites are needed for this course and, in particular, it is not necessary to have taken PHIL-102, Principles of Logic, before enrolling in PHIL-104.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

PHIL105 - World Religions

Overview

Department(s)

Philosophy

Course Description

In this course students will learn to understand and critically evaluate the beliefs and practices of the world's major religious traditions and will study the ways in which they impact societies and individuals. Traditions such as Confucianism, Daoism, Hinduism, Buddhism, Judaism, Christianity,

Islam, and Humanism, among others, may be covered.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

PHIL202 - Introduction to Ethics

Overview

Department(s)

Philosophy

Course Description

An inquiry into both the good of the individual person and the good of society. Two-thirds of the course presents logic and an in-depth analysis of such ethical theories as relativism, egoism, utilitarianism, deontology, virtue ethics, religion, and contractarianism. One-third of the course will examine a varying assortment of such applied ethical issues as euthanasia, abortion, distributive justice, sexual ethics, and environmental ethics.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

PHIL202HON - Intro to Ethics - Honors

Overview

Department(s)

Philosophy

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

PHIL203 - Philosophy of Religion

Overview

Department(s)

Philosophy

Course Description

This course is an introduction to philosophical thinking by way of the philosophy of religion. It deals with metaphysical, epistemological and ethical issues raised by different religious practices, experiences, and beliefs, and should be of interest to believers and nonbelievers alike. Students both with and without previous academic philosophical experience are all welcome to enroll.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

PHIL204 - Biomedical Ethics

Overview

Department(s)

Philosophy

Course Description

An inquiry into many ethical problems which are particularly connected to the health care professions, but which are of concern to all persons. Issues studied include: individual responsibility in institutional settings, paternalism, patients' rights, human experimentation, the right to die, abortion and the right to health care in the context of limited societal resources. About one-third of the course consists of a survey of those issues and results of ethical theory and logic which sharpen perception, reduce confusion and encourage headway. Students who have completed Philosophy 202 will be assigned a special research project.

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

PHIL205 - Business Ethics

Overview

Department(s)

Philosophy

Course Description

One-third of this course presents basic ethical theory and logic which together facilitate a deeper understanding of ethical problems. The second third covers those ethical problems that are apt to confront the businessperson directly and frequently. The final third of the course is an inquiry into broader ethical problems confronting business and society.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

Requirements

Simple Requisites

No requirements.

PHIL207 - Environmental Ethics

Overview

Department(s)

Philosophy

Course Description

One third of this course presents basic ethical theory and logic that together facilitate a deeper understanding of ethical problems. Two-thirds of the course will explore issues in environmental ethics such as various attitudes toward nature, individual and public policy choices that affect the local and global environment, the moral status of animals, and the proper role of science and technology in an environmentally sensitive world.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

PHSC101A - Introductory Physical Science L& L

Overview

Department(s)

Physical Science

Course Description

This is a course for non-science majors offering students a broad exposure to the physical sciences. The approach to this course is conceptual and contemporary, and includes topics from various physical sciences. Students will use both empirical and theoretical evidence to gain an understanding of the fundamental laws that govern the universe.

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

2

PHSC101HON - Physical Science Honors

Overview

Department(s)

Physical Science

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

PHYS201CL&L - College Physics I Lecture and Lab

Overview

Department(s)

Physics

Course Description

A course that develops, by means of lecture and laboratory experience, a basis for understanding the physical aspects of phenomenon classified as mechanics, heat, and waves (sound). This course is especially suitable for pre-professional students such as pre-med, pre-law, pre-dental, and life science and liberal arts majors.

Semester Offering

Fall Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

5

Contact Hours

Contact Hours in excess of Credit Hours:

2

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Enroll in the following Courses:

- MATH141 - Precalculus

PHYS202CL&L - Principles of Physics Lecture & Lab

Overview

Department(s)

Physics

Course Description

A continuation of PHYS-201C which considers the physical aspects of phenomenon classified as magnetism, electricity, light, and nuclear physics. This course is especially suitable for preprofessional students such as pre-med, pre-law, pre-dental, and life science and liberal arts majors.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

5

Contact Hours

Contact Hours in excess of Credit Hours:

2

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Enroll in the following Courses:

- PHYS201CL&L - College Physics I Lecture and Lab

PHYS203L&L - Engineering Physics Lecture & Lab

Overview

Department(s)

Physics

Course Description

A course designed for students majoring in engineering, mathematics or the physical sciences. Lectures, labs, demonstrations, discussions and problems on the principles of mechanics, sound, waves, heat and thermodynamics. Computer applications included. Graphing calculators will be utilized.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

5

Contact Hours

Contact Hours in excess of Credit Hours:

2

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- MATH161 - Calculus I

Or instructor permission with prior calculus experience

PHYS204L&L - Engineering Physics Lecture & Lab

Overview

Department(s)

Physics

Course Description

A continuation of PHYS-203. Lectures, labs, demonstrations, discussions, and problems on the principles of electricity, magnetism, circuits, light, and modern physics. Computer applications included.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

5

Contact Hours

Contact Hours in excess of Credit Hours:

2

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- PHYS203L&L - Engineering Physics Lecture & Lab
- MATH162A - Calculus II

Corequisite

Type

Corequisite

Complete ALL of the following Courses:

- MATH162A - Calculus II

Can take as Prerequisite or Concurrently.

PSCI100 - Introduction to Political Science

Overview

Department(s)

Political Science

Course Description

This survey course is designed for anyone interested in gaining a general overview of political science, whether you're planning to take just one course or pursuing further study in areas like American politics, comparative politics, international relations, or political theory. Throughout the course, we will explore various approaches political scientists use to examine political phenomena, enhancing your understanding of political life both as a thinker and a citizen. The primary aim is to introduce you to key concepts, terminology, and methods within the discipline while examining real-world applications of political science. In this introductory course, we will cover fundamental principles of political science by combining historical insights from influential thinkers with an analysis of contemporary issues. We will also delve into key questions that shape the field, such as: How do we define the evolving nature of power? What distinguishes legitimate governance from illegitimate? How do we differentiate between political institutions and political behavior? In what ways do leaders determine who is heard and counted in a political community? By the end of this course, you will be well-versed in these topics and able to engage in discussions about contemporary politics.

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

3

Requirements

Requirements

None

PSCI111 - Introduction to American Government

Overview

Department(s)

Political Science

Course Description

A study of the structure and function of U.S. national, state, and local government emphasizing the basic rights and responsibilities of citizenship, as well as an introduction to basic forms and philosophies of government.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

PSCI202 - International Relations

Overview

Department(s)

Political Science

Course Description

This course examines political relationships worldwide. It will include the analysis of conflicts in the world, and how nations search for peace through the United Nations. Additional areas to be examined are international law, the World Trade Organization, the International Monetary Fund, the World Bank, currency exchange rates, the integration of trade blocs like the European Union, environmental pollution, and economic development.

Semester Offering

Fall Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

PSCI205 - Contemporary Political Issues in US

Overview

Department(s)

Political Science

Course Description

An intensive study and critical analysis of contemporary political issues in U.S. Government involving issues that deal with some or all the following: basic concepts of U.S. democracy, state-federal relationships, government finance, political interest groups, legislative powers, executive powers, judicial powers, civil rights, civil liberties, and international relations.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

PSCI210A - Int'l Organizations United Nations

Overview

Department(s)

Political Science

Course Description

This course concentrates on the objectives, functions and structure of international organizations, specifically the United Nations. This course will prepare and provide students an opportunity to participate in an off campus conference featuring simulations of the United Nations.

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in

excess of Credit

Hours:

0

PSCI210B - International Organizations/Arab League

Overview

Department(s)

Political Science

Course Description

This course concentrates on the objectives, functions and structure of international organizations, specifically the Arab League. This course will prepare and provide students an opportunity to participate in an off campus conference featuring simulations of the Arab League.

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in

excess of Credit

Hours:

0

PSCI210BHO - Internat Org-Arab League/Hon

Overview

Department(s)

Political Science

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in

excess of Credit

Hours:

0

PSCI210C - International Organizations - NATO

Overview

Department(s)

Political Science

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in

excess of Credit

Hours:

0

PSCI210CHO - Internat Organ-Nato (honors)

Overview

Department(s)

Political Science

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit

Hours:

0

PSCI211 - Comparative World Governments

Overview

Department(s)

Political Science

Course Description

This course will compare governments in various European, American, Asian, and African states. Students will examine political, cultural, economic, and historical reasons for similarities and differences between nations. The United States will be used as a model for comparison.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit

Hours:

0

PSCI212A - Gettysburg Battlefields

Overview

Department(s)

Political Science

Course Description

This course concentrates on an intensive study of the pivotal battle for America's future: Gettysburg. Major topics include the varying causes of the Civil War, Northern and Southern armies and military strategy and the short and long ramifications of the three-day battle for Gettysburg.

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit

Hours:

1

PSCI214 - Siege of Vicksburg-US Civil War

Overview

Department(s)

Political Science

Course Description

This course concentrates on an intensive study of a ten-month campaign resulting in a siege of the city of Vicksburg. Primary topics include examination of the geography and topography of the Mississippi Valley during the 1860's as it relates to the American Civil War.

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit

Hours:

1

PSCI220 - Labor Studies

Overview

Department(s)

Political Science

Course Description

A survey course studying and critically analyzing the historical, political, and legal frameworks of the labor movement, major labor laws, causes and purposes of the labor movement, union structure and behavior, and labor-management approaches to solving employment disputes in the U.S. and internationally.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

PSCI299LE - Legislative Internship

Overview

Department(s)

Political Science

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

PSCI111I2 - Intro to American Government

Overview

Department(s)

Political Science

Course Description

Independent Study

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

0

PSCI299LE6 - Legislative Internship

Overview

Department(s)

Political Science

Credits

Credit Hours

Credit Hours:

6

Contact Hours

Contact Hours in excess of Credit Hours:

0

PSYC102 - Applied Psychology

Overview

Department(s)

3c031506-2c8d-429d-a282-cb8e5c0ba148

Course Description

This course focuses on the practical application of psychological principles in everyday life. A variety of psychological perspectives will be utilized to enhance students' ability to understand and change behavior. This course is designed for those in Certificate Programs and those seeking personal enrichment. This course is not intended as a transfer course, though it may be accepted at some transfer schools for elective psychology credit. For those who wish to earn a Bachelor's Degree, PSYC-201, General Psychology is the recommended transfer course.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

PSYC201 - General Psychology

Overview

Department(s)

3c031506-2c8d-429d-a282-cb8e5c0ba148

Course Description

This course provides an academic survey of research methods and statistics, and in-depth study of neuroscience, development, learning/memory, sensation/perception, states of consciousness, motivation/emotion, stress/health, disorders/therapy, and social psychology. It is especially recommended for those who plan to continue their education beyond the associate degree level.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

PSYC201HON - General Psychology-Honors

Overview

Department(s)

3c031506-2c8d-429d-a282-cb8e5c0ba148

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Enroll in the following Courses:

- PSYC201 - General Psychology

Can take as Prerequisite or Concurrently

PSYC203 - Abnormal Psychology

Overview

Department(s)

3c031506-2c8d-429d-a282-cb8e5c0ba148

Course Description

Students will examine the origins of mental illness using biological, psychodynamic, behavioral, cognitive, humanistic-existential, and socio-cultural perspectives. They will study the biomedical and psychologically based interventions used in the treatment of maladaptive behavior, and the community-based prevention measures and treatment efforts used to promote mental health.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- PSYC201 - General Psychology

PSYC203HON - Abnormal Psychology-Honors

Overview

Department(s)

3c031506-2c8d-429d-a282-cb8e5c0ba148

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

PSYC207 - Life Span Development

Overview

Department(s)

3c031506-2c8d-429d-a282-cb8e5c0ba148

Course Description

This course will survey the psychological research and theory of patterns of biological, cognitive, emotional, and social development from conception through death.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- PSYC201 - General Psychology

PSYC209 - Psychological Disorders of Childhood

Overview

Department(s)

3c031506-2c8d-429d-a282-cb8e5c0ba148

Course Description

This course provides a topical survey of the area of childhood psychological disorders. This course will include an examination of assessment, diagnosis, and treatments of various behavioral, emotional, and developmental/learning disorders commonly found during childhood and adolescence. In addition, child maltreatment and non-accidental trauma will also be discussed.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- PSYC201 - General Psychology

PSYC210 - Social Psychology

Overview

Department(s)

3c031506-2c8d-429d-a282-cb8e5c0ba148

Course Description

Social psychology focuses on how an individual's thoughts, feelings, and actions are influenced by others. This course will survey the research and theory of patterns of social identity, social influence, social perception, and social cognition. Additional topics include altruism, aggression, attitude change, and interpersonal attraction. There is an ongoing emphasis on how social psychology applies to medicine, the law, and work organizations.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ANY of the following Courses:

- PSYC201 - General Psychology
OR SOC101 - Principles of Sociology

PSYC210HON - Social Psychology Honors

Overview

Department(s)

3c031506-2c8d-429d-a282-cb8e5c0ba148

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

PSYC201S1.5 - General Psychology-Supplement

Overview

Department(s)

3c031506-2c8d-429d-a282-cb8e5c0ba148

Credits

Credit Hours

Credit Hours:

1.5

Contact Hours

Contact Hours in excess of Credit Hours:

0

QC101 - Basic Quality Control

Overview

Department(s)

Tech Related

Course Description

This course presents practical approaches to quality problems. It includes study of basic techniques and laboratory workshop periods in developments of functional quality control. These include charting, sampling, analyzing probability relations, frequency distributions, vendor control, diagnosing the cause of defects, quality improvement and supervisory obligations.

Semester Offering

Fall Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

RDG040A - Essential Reading Skills

Overview

Course Description

Course includes individualized weekly assignments and private instruction. Additional lab time is required.

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

RDG040C - Essential Reading Skills

Overview

Course Description

Course includes weekly assignments, some one-on-one and small group instruction. Additional lab time is required.

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

RDG040E - Reading and Succeeding in College

Overview

Course Description

This course is designed for at-risk students who have completed RDG-040A or RDG-040C but have not reached 10th grade reading level on the Nelson-Denny Reading Test and, consequently, are not ready for RDG-134A, RDG-134B, or RDG-134C. Students will learn time management, concentration strategies, reading strategies, how to read and study a textbook assignment, how to take lecture notes, and how to study for tests. Additional lab time is required.

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ANY of the following Courses:

- RDG040A - Essential Reading Skills
OR RDG040C - Essential Reading Skills

RDG090 - Integrated Reading and Writing

Overview

Course Description

This course will focus on the development of effective critical thinking, reading, and writing skills. Students will develop their ability to participate in academic discussions by reading and responding to academic texts and by writing clear sentences, effectively developed paragraphs, and short essays. This course is designed to support students enrolled in ENG-101 and must be taken during the same semester.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Corequisite

Type

Corequisite

Enroll in the following Courses:

- ENG101 - English Composition

RDG130 - Advanced Reading Skills I

Overview

Course Description

Course work focuses on vocabulary and comprehension strategy development. Additional lab time and/or small group meetings may be required.

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

RDG134A - Vocabulary/Spelling

Overview

Course Description

The course builds a practical college-level vocabulary by teaching Greek and Latin etymology, dictionary skills, vocabulary memory devices and use of context. Additional lab time is required.

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

RDG134B - Comprehension/Speed

Overview

Course Description

The course improves reading speed and develops comprehension of main ideas and details. Additional lab time is required.

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

RDG134C - Study Skills/Test Taking

Overview

Course Description

The course teaches time management, concentration, memory improvement, note taking, test taking, text-study, and college library skills. Note: We recommend that students taking RDG-134C also take at least one lecture-type college course during that semester.

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

RDG297 - Integrated Reading and Writing

Overview

Course Description

This course is for students seeking to fulfill MCC's College Reading Proficiency requirement. This course will focus on the development of effective critical thinking, reading, and writing skills. Students will develop their ability to participate in academic discussions by reading and responding to academic texts and by writing clear sentences, effectively developed paragraphs, and short essays. Completing this course with a grade of C or better will fulfill MCC's College Reading Proficiency Requirement and prepare the student for ENG-091.

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

REC111 - Introduction to Recreation and Leisure

Overview

Department(s)

Recreation

Course Description

An examination of the history and development of the park and recreation movement; sociological, economical, psychological and political consideration of leisure and recreation in contemporary societies; professional and service organizations and their interrelationships; and orientation to the professional field.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

RT101 - Respiratory Therapy Physics

Overview

Department(s)

Respiratory Therapy

Course Description

This course introduces the student to the basic concepts of classical physics used in respiratory care.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

RT102 - Basic Patient Care Skills

Overview

Department(s)

Respiratory Therapy

Course Description

This course is designed as a general introduction to patient care. The student will master skills including: vital signs, medical asepsis, isolation techniques, proper body mechanics, and introduce the student to medical terminology, medical vocabulary, medical abbreviations and charting procedures.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

1

RT111B - Introduction to Respiratory Therapy

Overview

Department(s)

Respiratory Therapy

Course Description

This course is designed to give an introduction to the field of Respiratory Therapy and to basic medical sciences. Topics included are: the gas laws, physical states and structure of matter, role of energy in chemical and biological systems, acid-base physiology and processes of body metabolism.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- RT101 - Respiratory Therapy Physics
AND RT102 - Basic Patient Care Skills

Corequisite

Type

Corequisite

Enroll in the following Courses:

- RT110AL&L - Equipment and Procedures I

RT121 - Cardio-Respiratory Pharmacology

Overview

Department(s)

Respiratory Therapy

Course Description

This course introduces the student to the general principles of pharmacology and gives an in-depth study of cardiopulmonary drugs.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- RT110AL&L - Equipment and Procedures I
AND RT111B - Introduction to Respiratory Therapy

Corequisite

Type

Corequisite

Enroll in the following Courses:

- RT120AL&L - Equipment and Procedures II
AND RT122 - Clinical I

RT122 - Clinical I

Overview

Department(s)

Respiratory Therapy

Course Description

This course is designed to introduce the student to patient care. The student will be assigned such responsibilities as general rounds. In addition, students will observe certain respiratory care procedures being performed.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

2

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- RT110AL&L - Equipment and Procedures I
AND RT111B - Introduction to Respiratory Therapy

Corequisite

Type

Corequisite

Enroll in the following Courses:

- RT120AL&L - Equipment and Procedures II
AND RT121 - Cardio-Respiratory Pharmacology

RT131 - Physiology

Overview

Department(s)
Respiratory Therapy

Course Description

This course is designed to give the student an in-depth study of cardiopulmonary physiology.

Semester Offering
Summer Session Only

Credits

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours in excess of Credit Hours:
0

Requirements

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:

- RT120AL&L - Equipment and Procedures II
AND RT121 - Cardio-Respiratory Pharmacology
AND RT122 - Clinical I

Corequisite

Type
Corequisite

Enroll in the following Courses:

- RT130AL&L - Respiratory Therapy Equipment
AND RT132 - Respiratory Therapy Clinical II
AND RT134 - Intro-Mechanical Ventilation

RT132 - Respiratory Therapy Clinical II

Overview

Department(s)
Respiratory Therapy

Course Description

This course is designed to allow the student to practice techniques mastered in the previous practicum. During this course, the student will also become proficient in performing all basic respiratory care in the hospital.

Semester Offering
Summer Session Only

Credits

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours in excess of Credit Hours:
5

Requirements

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:

- RT120AL&L - Equipment and Procedures II
AND RT121 - Cardio-Respiratory Pharmacology
AND RT122 - Clinical I

Corequisite

Type
Corequisite

Enroll in the following Courses:

- RT130AL&L - Respiratory Therapy Equipment
AND RT131 - Physiology
AND RT134 - Intro-Mechanical Ventilation

RT134 - Intro-Mechanical Ventilation

Overview

Department(s)

Respiratory Therapy

Course Description

This course is designed to introduce the student to the theories of adult mechanical ventilation. Emphasis will be placed on patient assessment, indications, modes of ventilation, and management of the mechanically ventilated adult patient.

Semester Offering

Summer Session Only

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- RT120AL&L - Equipment and Procedures II
AND RT121 - Cardio-Respiratory Pharmacology
AND RT122 - Clinical I

Corequisite

Type

Corequisite

Enroll in the following Courses:

- RT130AL&L - Respiratory Therapy Equipment
AND RT131 - Physiology
AND RT132 - Respiratory Therapy Clinical II

RT141 - Respiratory Pathophysiology

Overview

Department(s)

Respiratory Therapy

Course Description

This course examines the mechanism of pulmonary disease. Emphasis is placed on a detailed study of etiology, clinical manifestations, treatment, complications, and prognosis for most pulmonary disorders.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- RT130AL&L - Respiratory Therapy Equipment
AND RT131 - Physiology
AND RT132 - Respiratory Therapy Clinical II
AND RT134 - Intro-Mechanical Ventilation

Corequisite

Type

Corequisite

Enroll in the following Courses:

- RT144A - Adult Mechanical Ventilation
• RT152ACLI - Clinical IV

RT144A - Adult Mechanical Ventilation

Overview

Department(s)

Respiratory Therapy

Course Description

This course is a continuation of the Introduction to Mechanical Ventilation course. Emphasis will be placed on the evaluation, care and management of mechanically ventilated adult patients. Additional emphasis will be placed on the application, mechanical functions and operation of specific ventilator systems.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- RT134 - Intro-Mechanical Ventilation
AND RT130AL&L - Respiratory Therapy Equipment
AND RT132 - Respiratory Therapy Clinical II
AND RT131 - Physiology

Corequisite

Type

Corequisite

Enroll in the following Courses:

- RT141 - Respiratory Pathophysiology
AND RT152ACLI - Clinical IV

RT152ACLI - Clinical IV

Overview

Department(s)

Respiratory Therapy

Course Description

This course is designed to allow the student to develop competency in the critical care areas, mastering skills in mechanical ventilation of adult patients.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

5

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- RT130AL&L - Respiratory Therapy Equipment
AND RT131 - Physiology
AND RT132 - Respiratory Therapy Clinical II
AND RT134 - Intro-Mechanical Ventilation

Corequisite

Type

Corequisite

Enroll in the following Courses:

- RT141 - Respiratory Pathophysiology
AND RT144A - Adult Mechanical Ventilation

RT162ACLI - Clinical V

Overview

Department(s)

Respiratory Therapy

Course Description

This course is designed to allow the student to further develop skills and competence in the adult critical care areas. Here the student will master ventilator therapy of the adult patient. By the end of the semester, the student should be able to assume a well-rounded position on the Respiratory care team.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

5

Contact Hours

Contact Hours in excess of Credit Hours:

11

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- RT141 - Respiratory Pathophysiology
AND RT144A - Adult Mechanical Ventilation
AND RT152ACLI - Clinical IV

RT210 - Cardiovascular and Renal Physiology

Overview

Department(s)

Respiratory Therapy

Course Description

This course is designed to present the anatomy, physiology and monitoring methods used to examine the heart-lung system and the kidneys. Emphasis will be placed on the electrocardiogram and hemodynamic monitoring, cardiac pharmacology, renal control of electrolytes and applications toward clinical respiratory care.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ANY of the following Courses:

- RT162ACLI - Clinical V

Corequisite

Type

Corequisite

Enroll in the following Courses:

- RT220C - Pediatric/Neonatal Critical Care

RT212B - Adv Clinical Practice I

Overview

Department(s)

Respiratory Therapy

Course Description

This clinical rotation is designed to prepare the student for an in-depth analysis of various critical care and diagnostic specialties.

Semester Offering

Summer Session Only

Credits

Credit Hours

Credit Hours:

5

Contact Hours

Contact Hours in excess of Credit Hours:

11

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- RT210 - Cardiovascular and Renal Physiology
AND RT220C - Pediatric/Neonatal Critical Care

RT220C - Pediatric/Neonatal Critical Care

Overview

Department(s)

Respiratory Therapy

Course Description

This course is designed to examine the various methods and procedures used to evaluate and care for the high-risk infant and pediatric patient. Emphasis will be placed on fetal development and monitoring, maternal risk factors, labor and delivery, newborn pathophysiology, mechanical ventilation and cardiopulmonary monitoring.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

2

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- RT162ACLI - Clinical V

Corequisite

Type

Corequisite

Enroll in the following Courses:

- RT210 - Cardiovascular and Renal Physiology

RT222A - Advanced Clinical II

Overview

Department(s)

Respiratory Therapy

Course Description

This is the second and last clinical rotation taken by the second-year student. It is designed to expose the student to various specialties of respiratory care, including one day each in: home care, rehabilitative care, pulmonary function testing, sleep studies, smoking cessation, asthma education.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

5

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- RT212B - Adv Clinical Practice I

Corequisite

Type

Corequisite

Enroll in the following Courses:

- RT230B - Pulmonary Diagnostics and Rehabilitation
AND RT240 - Health Care Environment

RT230B - Pulmonary Diagnostics and Rehabilitation

Overview

Department(s)

Respiratory Therapy

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- RT212B - Adv Clinical Practice I

Corequisite

Type

Corequisite

Enroll in the following Courses:

- RT222A - Advanced Clinical II
AND RT240 - Health Care Environment

RT240 - Health Care Environment

Overview

Department(s)

Respiratory Therapy

Course Description

This course is designed to acquaint the student with the environments and forces that shape health care policy. Emphasis is placed on the social, political, medical, and economic forces that influence the provision of health care today.

Semester Offering

Fall Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- RT212B - Adv Clinical Practice I

Corequisite

Type

Corequisite

Enroll in the following Courses:

- RT222A - Advanced Clinical II
AND RT230B - Pulmonary Diagnostics and Rehabilitation

RT297F - Clinical II

Overview

Department(s)

Respiratory Therapy

Course Description

This course is designed to allow the student to use information and techniques they have learned in previous classes, and put them in practice using various forms of clinical simulations as well as class group discussions.

Semester Offering

Summer Session Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- RT120AL&L - Equipment and Procedures II
AND RT121 - Cardio-Respiratory Pharmacology
AND RT122 - Clinical I

Corequisite

Type

Corequisite

Enroll in the following Courses:

- RT130AL&L - Respiratory Therapy Equipment
AND RT131 - Physiology
AND RT134 - Intro-Mechanical Ventilation

RT297G - Advanced Clinical Practicum I

Overview

Department(s)

Respiratory Therapy

Course Description

The student will use critical thinking skills to manage patients in the hospital setting. Their responses will be measured against known outcome measurements.

Semester Offering

Summer Session Only

Credits

Credit Hours

Credit Hours:

7

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- RT210 - Cardiovascular and Renal Physiology
AND RT220C - Pediatric/Neonatal Critical Care

RT110AL&L - Equipment and Procedures I

Overview

Department(s)

Respiratory Therapy

Course Description

This course is designed to cover equipment and procedures in routine oxygen therapy. Topics included are: the physical properties of gases, manufacture and transport of medical gases, oxygen storage systems, pressure regulating systems, flow regulating systems, oxygen delivery equipment, and oxygen analyzers.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- RT101 - Respiratory Therapy Physics
AND RT102 - Basic Patient Care Skills

Corequisite

Type

Corequisite

Enroll in the following Courses:

- RT111B - Introduction to Respiratory Therapy

RT120AL&L - Equipment and Procedures II

Overview

Department(s)

Respiratory Therapy

Course Description

This course is designed to familiarize the student with proper techniques and equipment used for the delivery of aerosol/humidity therapy, incentive spirometry, intermittent positive pressure breathing (IPPB) and chest physical therapy.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- RT110AL&L - Equipment and Procedures I
AND RT111B - Introduction to Respiratory Therapy

Corequisite

Type

Corequisite

Enroll in the following Courses:

- RT121 - Cardio-Respiratory Pharmacology
AND RT122 - Clinical I

RT130AL&L - Respiratory Therapy Equipment

Overview

Department(s)

Respiratory Therapy

Course Description

This course is designed to present procedural tasks including: intubation, airway care and management, pulmonary function testing and arterial blood gas sampling.

Semester Offering

Summer Session Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

1

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- RT120AL&L - Equipment and Procedures II
AND RT121 - Cardio-Respiratory Pharmacology
AND RT122 - Clinical I

Corequisite

Type

Corequisite

Enroll in the following Courses:

- RT131 - Physiology
AND RT132 - Respiratory Therapy Clinical II
AND RT134 - Intro-Mechanical Ventilation

SOC101 - Principles of Sociology

Overview

Department(s)

Sociology

Course Description

A course offering the student an opportunity to grasp the basic principles necessary to develop sociological insights. Societal structure, as well as the basic tools of sociological measurement are surveyed. Emphasis is on the United States from a global perspective. The course is designed to equip sociology majors with the necessary foundation to continue in sociology and to provide non-majors with a general understanding of the structure and processes of society.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

SOC101HON - Prin. of Sociology-Honors

Overview

Department(s)

Sociology

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

SOC102A - Race, Ethnicity, & Immigration

Overview

Department(s)

Sociology

Course Description

This course explores the related concepts of race, ethnicity, and immigration and their impact on the social conditions of diverse American communities. Students will learn how race relations shape politics, economics, housing, health, education law, entertainment, and civil society. Students will learn about the conditions in which different peoples were incorporated into the American polity and how this incorporation affects people's lives on the group and individual level.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

SOC102AHON - Race, Ethnicity, and Imm - Hon

Overview

Department(s)

Sociology

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

SOC102AI - Race, Ethnicity, & Immigration

Overview

Department(s)

Sociology

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

SOC202A - Modern Social Problems

Overview

Department(s)

Sociology

Course Description

This course surveys major obstacles faced by societies from a sociological perspective. Social problems rooted in fundamental inequalities are surveyed including: economic inequality, work, education, race and ethnicity, gender, crime, and the family. Social problems are defined, cause is analyzed, and solutions are critically evaluated.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- SOC101 - Principles of Sociology

SOC202AHON - Modern Social Problems Honors

Overview

Department(s)

Sociology

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- SOC101 - Principles of Sociology

SOC203 - Introduction to Social Work

Overview

Department(s)

Sociology

Course Description

Designed to present the objectives, methods and practices of the current field of social work. Where possible and whenever possible field work is included as part of the course offering. Field observation trips, presentations by practicing social workers, research practitioners and members of relevant social institutions and agencies will also be included. This course also assists those students majoring in education, ministry, medicine or law to gain intelligent awareness of the functions of existing social agencies in the Muskegon community.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ANY of the following Courses:

- SOC101 - Principles of Sociology
OR SOC202A - Modern Social Problems

Requirements

None

SOC205 - Marriage and Family

Overview

Department(s)

Sociology

Course Description

Marriage and Family explores the sociological and ecological perspectives of intimate relationships and family dynamics of modern society; including changing traditions and family forms. With an emphasis on current research and demographics, topics studied in the course include: gender, sexuality, love, communication, conflict, singlehood and cohabitation, parenting, divorce, and blended families. There are no required laboratory hours or field trips for this course.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- SOC101 - Principles of Sociology

SOC206 - Introduction to Aging

Overview

Department(s)

Sociology

Course Description

An overview of gerontology that emphasizes identifying, describing and explaining challenges, patterns and processes concerning the elderly. This approach enables students and practitioners to acquire basic knowledge critical for careers related to gerontology, and to anticipate problems and promises of their own later lives.

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

SPA099 - Student Placement Advancement

Overview

Department(s)

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Course Description

The SPA is a non-credit math workshop designed for students who desire a refresher before starting their first college-level math course. Content may include topics ranging from pre-algebra through advanced algebra and will be dependent upon student needs. Students will complete pre- and post-tests to assess their progress. The SPA may be offered in different formats and in varying time frames, depending on the semester, purpose, and student populations. Email cscenter@muskegoncc.edu with questions.

Credits

Credit Hours

Credit Hours:

0

Contact Hours

Contact Hours in excess of Credit Hours:

0

SPAN090 - Workplace Conversational Spanish I

Overview

Department(s)

Foreign Language Dept

Course Description

This course offers an introduction to the Spanish language with particular emphasis on pronunciation, workplace greetings, farewells, courtesies, basic grammar principles, numbers, and cultural concepts as applicable to the workplace setting. Enrollment in SPAN-090 does not require the ready to succeed prerequisite.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

SPAN101 - Basic Spanish

Overview

Department(s)

Foreign Language Dept

Course Description

It is designed to help the student achieve a minimal oral capability, to comprehend the structure of the language, and to develop moderate reading and writing skills. There is no laboratory requirement, but the student is required to meet with a native speaker, when available, for group conversation practice. There will be an emphasis placed on the value of culture.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

Requirements

Simple Requisites

Recommend ENG-101 with minimum grade of "C" prior to taking this course.

SPAN102 - Basic Spanish - Second Semester

Overview

Department(s)

Foreign Language Dept

Course Description

Spanish 102 assumes that the student has studied Spanish for at least one semester at the college level (preferably Spanish 101). The student continues to develop the capacity to read, write, speak and comprehend Spanish. The grammatical emphasis is on identifying and using the Present, Preterit, and Imperfect tenses along with other grammatical concepts. There is no laboratory requirement, but the student is required to meet with a native speaker, when available, for group conversation practice. There will be an emphasis placed on the value of culture.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- SPAN101 - Basic Spanish

or Successful completion of two recent years high school Spanish and Instructor Permission

SPAN201 - Intermediate Spanish

Overview

Department(s)

Foreign Language Dept

Course Description

This course reviews and reinforces the material learned in the first two semesters, examines more tenses and other aspects of grammar, and provides practice in expanding capabilities in reading, writing, speaking and understanding Spanish. There is no laboratory requirement, but the student is required to meet with a native speaker, when available, for group conversation practice. There will be an emphasis placed on the value of culture.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- SPAN102 - Basic Spanish - Second Semester

or Successful completion of three recent years of high school Spanish, and Instructor Permission

SPAN202 - Intermediate Spanish

Overview

Department(s)

Foreign Language Dept

Course Description

This course focuses on reviewing the tenses and grammatical concepts of the previous courses. The student will have more opportunities to develop skills in reading, writing, speaking and understanding Spanish. There is no laboratory requirement, but the student is required to meet with a native speaker, when available, for group conversation practice. There will be an emphasis placed on the value of culture.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

4

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- SPAN201 - Intermediate Spanish

or Successful completion of four recent years of high school Spanish and Instructor Permission

SPAN299 - Intermediate Spanish Conversation Intermediate Spanish Conversation - Ind Intern Spanish Conversation

Overview

Department(s)

Spanish

Credits

Credit Hours

Credit Hours:

4

TECH290CI - Cooperative Internship

Overview

Department(s)

Tech Related

Course Description

The student must have a GPA of 2.5 or better. The student should have completed a significant portion of the core career requirements in their major field of study with a total of 30 credit hours towards a degree. Additionally, a faculty recommendation from the student's major field of study is required. The Cooperative Internship Program is a paid or non-paid fieldwork experience in business and/or industry within the student's major area of study. Variable credit hours (1-4 Cr. Hrs. per semester) may be earned dependent upon the number of work hours available from the employing organization. A student may sign up for as much internship as desired, however, the number of credit hours which can be applied towards a degree/certificate depends on the student's course of study and departmental requirements. This course is offered as a pass/no pass grade. The internship course starting and ending dates are determined on an individual basis.

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit

Hours:

0

TECH290BE6 - Cooperative Internship Biomedical Engr

Overview

Department(s)

Tech Related

Credits

Credit Hours

Credit Hours:

6

Contact Hours

Contact Hours in
excess of Credit

Hours:

0

TECH290CI1 - Cooperative Internship

Overview

Department(s)

Tech Related

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

TECH290CI2 - Cooperative Internship

Overview

Department(s)

Tech Related

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

TECH290CI4 - Cooperative Internship

Overview

Department(s)

Tech Related

Credits

Credit Hours

Credit Hours:

4

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

TECH290CI5 - Cooperative Internship

Overview

Department(s)

Tech Related

Credits

Credit Hours

Credit Hours:

5

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

TH101 - Theater Appreciation

Overview

Department(s)

Theater

Course Description

Designed for non-majors, this class attempts to prepare students for success as theatergoers. We will study the requirements of being an involved spectator at live theater and be introduced to the many elements of production. This is an experience-oriented course and requires attendance at play performances outside of class.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

TH102 - Introduction to Acting I

Overview

Department(s)

Theater

Course Description

An introduction to the art and craft of acting for the stage. Focuses on character analysis and performance. Physical, vocal, and mental exercises are utilized to develop the individual's self-awareness and communicative skills.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

TH108 - Theater for Children

Overview

Department(s)

Theater

Course Description

A course exploring the specialized techniques of play production for or with children, creative dramatics, and theater games. The class is designed for persons working with children such as elementary schoolteachers, special education workers, recreation leaders, and religious education staff. The use of theatrical techniques as educational tools to enhance the learning experience in other subjects is explored.

Semester Offering

Fall, Winter and Summer

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

TH121 - Introduction to Technical Theater

Overview

Department(s)

Theater

Course Description

This course presents an overview of the elements, processes, and traditions of theatrical design. The students will be introduced to the use of computer aided design and other tools in the design process used in most theatres today. The students will become familiar with tools used in the design process, begin developing their own personal design aesthetic, and develop an understanding of the evolution of theatre design.

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

TH122 - Theater Set and Lighting Design

Overview

Department(s)

Theater

Course Description

In this course students will learn color theory, set and lighting design principles, and script analysis. Additionally they will learn basic computer aided design skills to be able to create scenic and lighting designs for theatrical productions.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

TH141 - Applied Theater-Acting

Overview

Department(s)

Theater

Course Description

Practicum class earning credit for acting in a Center for Theater production. Scheduling is flexible but will include weekend performances and probably evening rehearsals.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

TH142 - Applied Theater-Dance

Overview

Department(s)

Theater

Course Description

Practicum class for performing in a Center for Theater production. Scheduling is flexible but will include weekend performances and probably evening rehearsals.

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

2

TH144 - Applied Theater-Costuming

Overview

Department(s)

Theater

Course Description

Practicum class earning credit for crew work on a Center for Theater play production. Scheduling is flexible but requires forty hours of lab work during available times

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

TH145 - Applied Theater-Scenery Construction

Overview

Department(s)

Theater

Course Description

Practicum class earning credit for crew work on a Center for Theater play production. Scheduling is flexible but requires forty hours of lab work during available hours.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

TH147 - Applied Theater-Production Crew

Overview

Department(s)

Theater

Course Description

Practicum class earning credit for crew work on Center for Theater productions. Scheduling is flexible but requires forty hours of lab time in a four-week period. Work assignments are made in terms of student interest and production needs. Includes scenery construction, painting, properties, costume, lighting, and/or sound crews.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

TH148 - Applied Theater-Performance

Overview

Department(s)

Theater

Course Description

Practicum class earning credit for crew work on Center for Theater productions. Requires attendance at weekend and evening rehearsals and performances for a two-week period. Work assignments will be made in terms of student interest and production needs. Includes scenery shifting, properties, costume running, and lighting, and/or sound crews.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

1

TH160 - Acting for TV and Film

Overview

Department(s)

Theater

Course Description

This course is designed to prepare the student with the basic skills necessary for TV and/or film acting. Among the topics covered are: acting for the camera, the use of and differences between the television and film camera, the use of the storyboard, shooting out of sequence, developing continuity, and the use of lighting, sound, special effects and editing. Rehearsal outside of class time and shooting on location may be required. The final class project will culminate in each student acting in a prepared film scene. Before enrolling in this course, you must demonstrate that you are ready to succeed.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

No Requirements

TH201 - Introduction to Theater History

Overview

Department(s)

Theater

Course Description

An introductory course designed to give the student an awareness of the development of theater from classical Greece through Contemporary American Theater.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

TH202 - Introduction to Acting II

Overview

Department(s)

Theater

Course Description

An acting class emphasizing the analysis of scripted scenes and character interactions. Selected scenes are rehearsed for possible performance at the end of the semester.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

TH203 - Reader's Theater

Overview

Department(s)

Theater

Course Description

This performance course is designed to give the student knowledge of and experience in oral reading as a theatrical form. Out-of-class rehearsal and performance time may be required.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

TH204 - Improvisation for Actors

Overview

Department(s)

Theater

Course Description

This course uses the art of improvisation as a tool for enhancing creativity, responsiveness, and immediacy for the actor; offering a way to explore the student's innate ability to be playful and creative. This class studies the fundamentals of improvisation, focusing on exercises and games that build confidence and improve listening, intuitive, and collaborative skills. In this course the student learns the basic rules, games, and forms of improvisation and their relation to scripted and non-scripted rehearsal and performance work.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

No Requirements

TH212 - Summer Theater Workshop

Overview

Department(s)

Theater

Course Description

A practicum course allowing advanced students to undertake special projects in conjunction with a summer theater company. Projects are usually creative in nature and are undertaken with the advice and supervision of an approved mentor. Although focusing on the specialized crafts of acting, directing, design, technical production, or arts management, project implementation will emphasize the cooperative nature of theater.

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

TH217 - Creative Dramatics

Overview

Department(s)

Theater

Course Description

This course is an introduction to the use of creative dramatics in the classroom, home, and community. The goals and concerns of creative drama will be explored as well as methods for incorporating these techniques into a curriculum. Focus will be centered on the activities that are the basis of every creative dramatics program. A particular interest will be centered on the novice who needs practical advice on how to begin teaching creative thinking and problem solving.

Credits

Credit Hours

Credit Hours:

1

Contact Hours

Contact Hours in excess of Credit Hours:

0

TH260 - Student Production Practicum

Overview

Department(s)

Theater

Course Description

An experiential course giving credit for creative involvement in the planning, rehearsal, and performance of a play.

Credits

Credit Hours

Credit Hours:

2

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

TH297AA - Introduction to Technical Theater

Overview

Department(s)

Theater

Course Description

An introduction to the collaborative nature of the theatrical process, with particular emphasis on the work of the designers and production professionals integrating with the performers and directors. The use of design, technology, materials, people, space, time, and money in a theatre production. Students will have hands-on participation in production activities at the Overbrook Theater.

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

TMAT101A - Technical Math I

Overview

Department(s)

Tech Related

Course Description

This course is for technical students who require a review of the principles of arithmetic as applied to manufacturing and business problems. Also included will be the use of the scientific calculator and basic algebra.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in
excess of Credit
Hours:

0

TMAT102A - Technical Math II

Overview

Department(s)

Tech Related

Course Description

A course presenting the fundamentals of algebra and geometry as applied to the technical and industrial field. Basic statistics will also be covered.

Semester Offering

Fall and Winter

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Earn a minimum grade of C in the following:

- TMAT101A - Technical Math I

or Assignment based on Math Placement Test

TMAT201 - Technical Math III

Overview

Department(s)

Tech Related

Course Description

A thorough study of basic trigonometry with applications to technical and industrial problems.

Semester Offering

Winter Semester Only

Is this course available online?

Yes

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

Requirements

Simple Requisites

Untitled Requirement

Type

Prerequisite

with a minimum grade of "C"

Complete ALL of the following Courses:

- TMAT102A - Technical Math II

W101A - Basic Welding

Overview

Department(s)

Welding

Course Description

Basic Welding is designed for the learner who has no welding experience or limited welding experience. Subject material will focus on the theory of welding processes common to local industries. The welding and cutting processes covered will be: Oxyacetylene Welding (OAW), Oxyacetylene Cutting (OAC), Plasma Arc Cutting (PAC), heating and bending with the torch, Shielded Metal Arc Welding (SMAW), and Gas Metal Arc Welding (GMAW). Students will learn to set-up and operate welding equipment according to approved standards. Theory of each welding process will be covered in the classroom followed by practical experience in the lab. Lab projects will provide experiences in the fabrication of typical weld joints, and are based on relevant sections of the American Welding Society (AWS) SENSE Level 1 standard.

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

2

W102A - Gas Metal Arc Welding (MIG)

Overview

Department(s)

Welding

Course Description

The GMAW (MIG) course is an in-depth study of the common methods of welding used in industry. Extensive technique practice for skill mastery on carbon steel and aluminum will be covered. Flux Cored Arc Welding (FCAW) and Metal Cored Electrodes will also be covered. Students will be expected to pass the written knowledge assessments from the American Welding Society (AWS) SENSE Level 1 program as well as perform the skill practices.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

Requirements

Simple Requisites

Prerequisite
Type Prerequisite
Earn a minimum grade of C in the following: <ul style="list-style-type: none">• W101A - Basic Welding

W103A - Gas Tungsten Arc Welding (TIG)

Overview

Department(s)

Welding

Course Description

The GTAW (Tig) course is an in-depth study of the common methods of welding used in industry. Extensive practice on metals including: mild steel, stainless steel, and aluminum in all welding positions will be covered. Students will be expected to pass the written knowledge assessments from the American Welding Society (AWS) SENSE Level 1 program as well as perform the skill practices.

Semester Offering

Fall, Winter and Summer

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- W101A - Basic Welding

W105 - Shielded Metal Arc Welding

Overview

Department(s)

Welding

Course Description

The SMAW (Stick) course is an in-depth study of the welding process theory, skills and techniques that are common to the welding industry. Extensive technique practice for skill in all positions on both fillet and groove welding joints on carbon steel will be covered. Performance based testing for welder qualification for students in the welding major will be required. Students will also be expected to pass the written knowledge assessments from the American Welding Society (AWS) SENSE Level 1 program.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- W101A - Basic Welding

W201 - Structural Welding

Overview

Department(s)

Welding

Course Description

A course designed for advanced welders who want to improve their skills in stick welding or who are preparing to certify to AWS D1.1 code standard. This code is used for welding on bridges, buildings, steel structures, road machinery, farm equipment and other structures. Materials presented will be the AWS code book, safety precautions, joint preparation, electrode selection, setting up equipment and welding procedures. Lab work will include out-of-position welding using the fast fill/ fast freeze (E6010) and fast fill/ slow freeze (E7018) category electrodes. Weld testing-- both visually and mechanically will be an integral part of the coursework.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- W105 - Shielded Metal Arc Welding

W202A - Pipe Welding

Overview

Department(s)

Welding

Course Description

This course is designed for the advanced welders who want to improve their pipe welding skills or are preparing for pipe welding certification to the AWS D1.1 welding code standard. Lab projects for this course are designed to align with relevant sections of AWS SENSE Levels I. Topics covered will include: safety practices, tack welds, positioning and pipe welding using methods most frequently covered will include: safety practices, tack welds, positioning and pipe welding using methods most frequently found in industrial processes, and fieldwork. All common welding positions will be covered. Students are required to perform root pass, filler pass, and cover pass on each specimen. Welding processes which will be covered are Shielded Metal Arc Welding (SMAW) and Gas Tungsten Arc Welding (GTAW). Destructive and visual testing will be part of the coursework.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- W201 - Structural Welding

W206 - Metal Fabrication

Overview

Department(s)

Welding

Course Description

This course deals with the theory, skills and application of metal fabrication principles. Students will apply their welding skills to build a capstone project. Students will be required to select and design an approved project. Building a bill of materials, ordering the materials, assembly, following tolerances, layout, fit-up and heat distortion control will all be factors in this course. Use of the various fabrication equipment in the welding lab. The capstone project will be approved on the basis of need and application. Examples to include a community project or repair project.

Semester Offering

Winter Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

3

Requirements

Simple Requisites

Prerequisite

Type

Prerequisite

Complete ALL of the following Courses:

- W102A - Gas Metal Arc Welding (MIG)
AND W103A - Gas Tungsten Arc Welding (TIG)
AND W105 - Shielded Metal Arc Welding

WGS101 - Intro to Women's & Gender Studies

Overview

Department(s)

Sociology

Course Description

WGS students study women's diverse experiences, perspectives and contributions as well as gender identity and gender representation as central categories of analysis. Interdisciplinary in range of course content, WGS-101 examines cultural beliefs and stereotyped images of women and gender, and covers the following: gender-role socialization, sexuality, the history of the women's liberation movements, different perspectives in feminism, and representations of women and their efforts to define new identities through work, creative activity, education and feminism. Through films, readings, and focused studies of the consequences of gender experience in life and learning, WGS-101 explores research about gender in personal development and relationships, race/ethnicity, class, and sexuality. Course goals: raise awareness, make connections, read write and think critically, and apply course knowledge and issues to personal experiences.

Semester Offering

Fall and Winter

Credits

Credit Hours

Credit Hours:

3

Contact Hours

Contact Hours in excess of Credit Hours:

0

WGS201 - LGBTQ Studies

Overview

Department(s)

Sociology

Course Description

An inquiry into a wide range of issues related to the lesbian, gay, bisexual, transgender, and queer community. The course will include an overview of the history, politics, literature, and morality of sexual orientation and gender identity and of the LGBTQ civil rights movement and important members of the LGBTQ community. Gender identity will be explored from several viewpoints and sub-cultural perspectives as will cultural and media expressions and reactions. Finally, intersectionalities with race, social class, gender, and sex will be critically examined.

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

3

Contact Hours

**Contact Hours in
excess of Credit
Hours:**

0

WGS201HON - Lgbtq Studies Honors

Overview

Department(s)

Sociology

Semester Offering

Fall Semester Only

Credits

Credit Hours

Credit Hours:

1