

# BMCC Graduation 2024!



## ***BMCC Campus***

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Brimley, MI 49715  
906-248-3354  
866-967-2622 (toll free)  
[www.BMCC.EDU](http://www.BMCC.EDU)

Business Hours: Mon.-Fri.  
8:00 am – 4:30 pm

***Admissions***  
906-248-8422

***Financial Aid***  
906-248-8437 & 906-248-8477

***Library***  
906-248-8418

***Registrar***  
906-248-8424

***Student Success Center***  
906-248-8456

***TRiO Student Support Services***  
906-248-8427





Boozhoo,

Welcome to Bay Mills Community College (BMCC) and Gnoozhekaaning (The Place of the Pike) also known as the Bay Mills Indian Community. Whether you are a first-time college student or a transfer student, the decision to work toward a college degree at BMCC is an important life decision that will allow you to continue to reach your life goals. Not only will you learn about the subject that interests you, but you will also learn so much about yourself as you navigate through your collegiate studies.

Bay Mills Community College offers several programs that are designed to help you enter the workforce and/or transfer to a four-year institution. Furthermore, BMCC is focused on its mission to offer a student-centered learning environment by providing several free services through the student affairs department. The faculty and staff are always available to answer any questions you may have. If they do not know the answer, they will help you find it by putting you in contact with the appropriate department or person. Finally, the President's office has an open-door policy for any questions you may have.

Take a look at our catalog to learn more about the programs offered at BMCC. We look forward to helping you enroll and seeing you on campus.

Chi Miigwech,

A handwritten signature in black ink that reads "Duane A. Bedell". The signature is written in a cursive, flowing style.

Duane A. Bedell  
President



## **Equal Opportunity Institution**

Bay Mills Community College is an equal opportunity college. Discrimination on the basis of religion, race, color, national origin, age, sex, marital status, sexual orientation, disability, or any other category protected by law is prohibited.

## **Disclaimer**

Every effort has been made to include in this publication information which, at the time of printing, is accurate. However, the contents of this publication are not to be regarded as an irrevocable contract between the students and Bay Mills Community College.

Bay Mills Community College reserves the right to make changes in its programs, policies, rules, regulations, procedures, tuition, fees, organizational structure, faculty and staff through appropriate college process. In the event action is taken, students affected will be advised of the options available for them to complete their degrees. Reasonable effort will be made to permit students to complete their intended program or a comparable alternative.

## **Notice of Nondiscrimination**

Bay Mills Community College and its Board of Regents are committed to providing a non-discriminatory and harassment-free educational and working environment for all members of the Bay Mills Community College, including students, faculty, administrators, staff, and visitors. It is the policy of the College that no person shall be discriminated against, excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination, including harassment, in employment and admissions, in education, or in any program or activity for which the College is responsible, on the basis of race, color, national origin, ancestry, sex, gender, gender identification, sexual orientation, disability, age, religion, medical condition, veteran status, marital status or any other characteristic protected by institutional policy or tribal or federal law.

**It is the responsibility of each student to be aware of and understand  
Bay Mills Community College regulations as published.**



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## **GENERAL INFORMATION**

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Bay Mills Community College (BMCC) is located on the southeastern shore of Lake Superior, within the Bay Mills Indian Community (BMIC) in Michigan's Upper Peninsula, approximately 17 miles west of Sault Ste. Marie. As Michigan's first fully accredited, tribally controlled college, BMCC meets the educational needs of a wide variety of students, from its remote, rural Main Campus, West Campus, Waishkey Bay Farm site, off-campus sites, and online courses. Control is vested in a Board of Regents, which elects the officers of the Board and establishes overall institutional policy. BMCC is accredited by the Higher Learning Commission and is a member of the American Indian Higher Education Consortium.

BMCC is one of three tribally controlled colleges in the State of Michigan, and the only community college in Michigan's Eastern Upper Peninsula; it is committed to providing affordable, culturally relevant, accessible, and high-quality educational opportunities to all tribal communities in Michigan and their neighbors. BMCC is also committed to providing leadership in the areas of economic and community development for the Bay Mills Indian Community and the Eastern Upper Peninsula (EUP). As a 1994 Land Grant Institution, BMCC works closely with land grant partners, such as Michigan State University, to provide service and expertise to the Bay Mills Indian Community and the surrounding region.

### **Accreditation**

Bay Mills Community College is accredited by the Higher Learning Commission (HLC). HLC is an independent corporation that was founded in 1895 as one of six regional institutional accreditors in the United States. In 2018, Bay Mills Community College's accreditation was reviewed, and this resulted in a recommendation for an additional 10 years. For more information regarding accreditation, contact the Higher Learning Commission, 230 South LaSalle St., Suite 7-500, Chicago, IL 60604 or view their website at [www.hlcommission.org](http://www.hlcommission.org).

### **College Memberships**

- The American Association of Community Colleges (AACC)
- The American Council on Education (ACE)
- The American Indian Higher Education Consortium (AIHEC)
- The Association of Public & Land-Grant Universities (APLU)
- The Michigan Association of Collegiate Registrars and Admissions Officers (MACRAO)
- The Michigan Community College Association (MCCA)
- The National Council for State Authorization Reciprocity Agreements (NC-SARA)
- The Online Learning Consortium (OLC)

### **Mission and Objectives**

As a tribally controlled community college and land grant institution, the mission of Bay Mills Community College is to provide quality educational opportunities, promote research, and facilitate individual development in an accessible, community-based, and culturally diverse environment that supports and maintains the Anishinaabek culture and language.

In carrying out our mission, the BMCC Board of Regents stresses a positive, student-centered atmosphere, which promotes preservation of the customs and beliefs of Native Americans. The curriculum is designed to integrate traditional Native American values with higher education as a way of preparing students to assume responsible roles in their respective communities. The objectives of the college are:

- Provide the Native American communities of Michigan with educated and trained human resources.
- Provide educational opportunities, including academic, research, vocational, basic skill building, cultural and in-service programs leading to appropriate certificates, degrees, and diplomas.
- Foster a spirit of pride in Native American language, culture and history through participation in course work and cultural activities.
- Provide a qualified, dedicated, student-centered staff and faculty.
- Help students attain the necessary skills and self-esteem which will facilitate personal and career fulfillment.
- Prepare and encourage all students to pursue advanced degrees.
- Provide continuing and community education.

## ***Vision Statement***

With learning as its central mission, BMCC prepares students to become productive, self-confident, and responsible members of an increasingly diverse workforce by providing them with academic, technical, work and life skills needed for successful transfer into baccalaureate programs or directly into the workforce. By establishing itself as an effective partner, alongside other academic institutions, private and public sector employers, and neighboring communities, BMCC will ensure its long-term viability and positive impact on the Upper Great Lakes region. BMCC will work to ensure the viability and sustainability of the language, culture, and way of life of the Anishinaabe people while promoting and emphasizing life-long learning for all students.

## ***Land Grant Institution***

As outlined in the federal Equity in Educational Land Grant Status Act of 1994, Bay Mills Community College received designation as a Federal Land Grant Institution. This act conferred land grant status on tribal colleges and authorized the establishment of an endowment to support land grant initiatives at these colleges. Currently, there are 105 land grant colleges and universities designated by the original legislation enacted in 1862 and the subsequent 1890 and 1994 federal enactments.

Land grant institutions follow a mandate to provide openness, accessibility, and service to communities. Many land grant institutions are among the ranks of the most distinguished public research institutions.

## ***Alcohol/Drug Free Campus Policy***

All persons entering BMCC must comply with the Alcohol/Drug Free Campus Policy as required by Public Law 101-226, "The Drug-Free Schools and Communities Act Amendments of 1989."

No person may bring, keep, or drink alcoholic beverages on college premises or at college functions. Possession of stimulants, depressants, narcotics, or hallucinogenic drugs, including marijuana and other agents having potential for abuse, is strictly prohibited. Drugs prescribed by a physician must be in the original container in which they were received from the pharmacist. Any person found to be possessing, using, or distributing such drugs or alcohol will be subject to disciplinary action, which could include prosecution for violation of tribal, state, or federal law (See Student Conduct Code for BMCC Substance Abuse Prevention Policy).

## ***Campus Safety and Security***

BMCC is committed to maintaining a safe and secure campus for its students, staff, and visitors. The college publishes an annual report, which details any crimes reported on campus. Identities of victims and suspects are not revealed in these documents. The annual crime report is available on the Bay Mills Community College website located at [www.bmcc.edu](http://www.bmcc.edu).

## ***Students with Disabilities***

BMCC is committed to accommodating persons with disabilities. The college adheres to the standards and guidelines set forth in the Americans with Disabilities Act. Students with documented disabilities must contact the Student Services Specialist to receive assistance and accommodations. In addition, BMCC contracts with Michigan Rehabilitation Services to provide a broader range of services. The campus is also barrier-free with accessible entrances and exits. Handicap accessible parking is available and clearly identified.

## ***Sexual Harassment Policy***

It is the policy of Bay Mills Community College to maintain a place of employment and education that is free of harassment in general and especially of harassment that is sexual in nature.

Sexual harassment, as summarized by the Equal Employment Opportunity Commission (E.E.O.C.), includes unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct or communication of a sexual nature. Anyone in violation of this policy is subject to disciplinary action and legal sanctions.

# ENROLLMENT INFORMATION

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## *Admissions*

Bay Mills Community College has an open admissions policy for students of any race, creed, color, and national or ethnic origin. High school transcripts or GED scores are required of all applicants seeking admission as regular students in degree and certificate programs. Students without a high school diploma can be admitted as Special Status Students. Special Status Students are required to complete their GED or high school diploma within one year. Applicants seeking admission to special programs may be admitted without a transcript. These special programs may include, but are not limited to, skill-upgrading classes, Native American studies, creative arts programs, adult basic education programs, etc.

Applications for admission should be made as far in advance as possible.

## *Admissions Procedures*

Bay Mills Community College requires the student to:

- Visit our website [www.bmcc.edu](http://www.bmcc.edu) and complete the **Online Admissions Application**.
- Arrange for an official high school or GED transcript to be mailed directly from the issuing institution to BMCC's Admissions Office. It must bear the seal of the institution and signature or stamp of the school official. Faxed copies are not accepted.
- Submit a copy of your tribal ID or verification of tribal membership from your tribal enrollment office, or Canadian certificate of Indian status, if applicable. If you are not an enrolled tribal/band member but one of your biological parents is a tribal/band member, please submit: a copy of your parent's tribal I.D. or verification of tribal membership from the Tribal Enrollment Clerk or a Canadian Certificate of Indian Status, and a copy of your birth certificate and your parents' marriage license or other documentation if the tribal I.D. and birth certificate have different names.
- All newly admitted students must schedule and complete the BMCC placement test. This test may be waived if documentation is provided of previous testing, or by college transcripts showing a "C" or better was achieved in mathematics, English, and computer science courses. The results of the placement tests are used for advising purposes only and will not affect admission status. To schedule an appointment, please call 866-967-2622. Students enrolled in any certificate of completion program or the PANE program are not required to take the placement exam unless the student enrolls in a class outside the spectrum of the specified program.

## *Registration*

Registration at Bay Mills Community College is conducted in advance of each new semester and is advertised in most media outlets. New students are required to complete all admissions procedures and participate in placement testing prior to registration.

During the registration period, representatives from the Registrar's Office, Financial Aid Office, Student Services Office, and all academic departments are available for consultation. During summer registration, academic advisors may not be available; however, other academic staff will be available for assistance. Students must complete the following steps in order to register for classes:

- Complete and submit all registration material provided by the Admissions Office.
- Meet with the Financial Aid Office to clarify your financial aid status.
- Meet with the Student Accounts Manager to determine the total cost of tuition and fees for which you are responsible and make arrangements for payment of such costs if not seeking financial aid.
- Meet with an assigned academic advisor or academic staff for scheduling assistance and schedule approval.



## ***Placement Testing***

Placement testing determines where you begin in your mathematics and English coursework. Placement testing may allow you to bypass basic courses, saving you time and money. If you need a refresher course for mathematics or English, your placement will ensure that you start at the appropriate level course. Your placement in mathematics and English courses at BMCC will be determined by SAT or ACT scores, previous college courses you've taken, or with a placement exam less than three years old.

### **Determining your Placement**

#### **ENGLISH**

1. ACT scores (less than 3 years old) of 18+ in English and Reading allows for placement into EN111
2. SAT scores (less than 3 years old) of 480+ in Evidence-Based Reading and Writing allows for placement into EN111
3. Students whose ACT or SAT scores do not place them into EN111 must take the placement exam to determine appropriate placement
4. Transfer credits in English from another college must be reviewed by the BMCC Registrar and Department Chair.

#### **MATHEMATICS**

1. ACT scores (less than 3 years old) of 21+ in mathematics allows for placement into MA116 or MA206
2. SAT scores (less than 3 years old) of 530+ in mathematics allows for placement into MA116 or MA206
3. Students whose ACT or SAT scores do not place them into MA116 or MA206 must take the placement exam to determine appropriate placement
4. Transfer credits in mathematics from another college must be reviewed by the BMCC Registrar and Department Chair.

#### **PROGRAM EXEMPTIONS**

Students do not need to take the placement exam if their program of study is Anishinaabemowin Pane Program, or the following Certificates of Completion: Corrections, Construction, Early Childhood Education, Emergency Medical Technician, Medical Coding & Billing, Nurse Aide Training, and Paramedic.

## ***Orientation***

All new and transfer students are encouraged to participate in orientation activities. Orientation is held each semester as part of the registration process. The session features orientation to the college and an opportunity to meet other students, faculty, and staff. Orientation will be held either online or on campus depending on the number of students enrolled. For any questions about orientation please contact the Student Engagement Specialist.

## ***GED***

Consolidated Community School Services (CCSS) provides GED test preparation on campus. The GED test is a four-subject high school equivalency test that measures skills required by high schools and requested by colleges and employers. The four subjects are Science, Social Studies, Mathematical Reasoning, and Reasoning through Language Arts.

## ***Transfer Credit to BMCC***

Bay Mills Community College will accept transfer credits from regionally accredited institutions within the following guidelines:

- An evaluation will only be conducted from an official transcript. An official transcript bears the appropriate signatures and seals and can be mailed directly from the issuing institution to BMCC or sent as an e-transcript through Parchment.com.
- Students must submit a request to the Registrar's office for transcripts to be evaluated. Students are advised to submit transcripts for evaluation at least one week prior to course registration.
- Courses completed with a "C" grade (2.0) or higher will be accepted with the exception of certain English, mathematics, and computer courses. These are addressed in the following sections.
- Computer science courses that are more than five years old will be accepted only with the student's successful completion of a departmental exam.
- Mathematics and English courses taken by students transferring in or returning to BMCC will be accepted and correlated to a BMCC course according to content by the Registrar. Students who have attained a bachelor's degree may be exempt from the departmental exam requirement.
- Students with mathematics or English credit who wish to pursue further mathematics or English courses may do so if their prerequisite courses are not more than three years old. If the student's mathematics or English prerequisite courses are more than three years old, the student must take the departmental exam or the BMCC mathematics or English placement exam to determine eligibility for prospective mathematics or English course enrollment. Students with mathematics or English credit three years or older are recommended to meet with the respective Department Chair for advisement.
- Courses which are not equivalent to BMCC courses, but are in a comparable discipline, may be accepted as elective credits.
- Transfer of courses at the 300-400 level must be approved by the respective Department Chair.
- Courses similar in title to those offered by BMCC at the 300-400 level shall not receive specific course credit if taken at the 100-200 level at another institution. However, general course credit may be awarded.
- Credits, not grades, are transferred for "C" or better courses. Grades from transfer courses are not included when calculating the BMCC cumulative grade point average (GPA).
- Transfer credits will be shown on the student's academic record and will be counted when determining satisfactory academic progress for federal financial aid.
- Transfer of credit toward certificate programs will be limited to 15 credits, associate degree programs will be limited to 30 credits, and bachelor's degree programs will be limited to 60 credits. Certificate of completion programs are not eligible for transfer of credit.

## ***Dual Enrollment Program***

BMCC participates in the State of Michigan's Postsecondary Enrollment Option Act (PSEO) by offering dual enrollment to qualified students who are eligible to enroll in postsecondary institutions. This program provides an opportunity for high school students to earn college credit while still attending high school. Students who would like to pursue dual enrollment must check with their high school principal or guidance counselor for eligibility guidelines and dual enrollment information. Dual enrollment is not intended to replace any high school offerings, and the high school superintendent or principal must sign off on the application and agree to pay the expenses for taking the course. BMCC may accept students after they have completed their first semester as high school freshman and have maintained a cumulative GPA of at least 3.0.

### ***Advanced Placement (AP) Credit***

College course credit will be granted as transfer credit to high school students who participate in the Advanced Placement (AP) Program and pass the Advanced Placement examinations with a score of 3, 4, or 5. Only AP courses approved by the Registrar and the respective BMCC Department Chair may be accepted for transfer credit. Advanced Placement exam scores must be sent directly to the Registrar to be evaluated for transfer credit.

<b>AP Exam</b>	<b>Minimum Score</b>	<b>Credits</b>	<b>BMCC Course Equivalent</b>
Biology	3	4	BI101
Chemistry	3	4	CH104
Computer Science A	3	4	CS elective
Computer Science Principles	3	4	CS121
English Language and Composition	3	4	EN111
English Literature and Composition	3	4	EN111
Government and Politics, US	3	4	HS212
History, US	3	4	HS105
Physics I: Algebra based	3	4	PS112
Physics II: Algebra based	3	4	PS112
Physics C: Electricity & Magnetism	3	4	PS112
Physics C: Mechanics	3	4	PS112
Psychology	3	4	PY101
Statistics	3	4	MA206

### ***Social Security Privacy Policy***

It is our policy to limit access to social security numbers to those persons who use the information in the normal course of their employment, and their use shall be limited to activities permitted or required by federal law. These uses include financial transactions associated with student billing, financial aid, work study, and IRS reporting. All other activities associated with the student's registration grade reports, etc. will be identified through the use of the student I.D. number.

### ***Guest Students***

Students enrolled at another institution and planning to continue at that institution may be admitted to BMCC as guest students. Students assume full responsibility for checking to determine that the courses taken at BMCC will transfer to the program of study being pursued at their home institution.

### ***Directory Information***

Bay Mills Community College considers the following items as Directory Information: student name, curricula and major field of study, participation in officially recognized activities, dates of attendance, degrees, certificates and awards received. BMCC may disclose any of these items without the student's prior written consent. If a student doesn't want the college to release any of the above information, they must inform the Admissions/Registrar's office in writing by the tenth calendar day following the start of classes each semester.

# **ACADEMIC INFORMATION**

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## ***The Academic Year***

Bay Mills Community College operates on a semester system. The fall semester begins the last week of August or the first week of September and is completed in December. The spring semester begins in January and ends in May. BMCC offers a limited summer schedule which may include accelerated courses; summer courses are offered from May to August. A schedule listing hours, room numbers, and courses is published prior to each semester.

## ***Academic Advisement***

Each student enrolled at BMCC will be assigned an academic advisor who approves the student's course loads, approves changes in academic studies, and helps with academic issues. It is necessary for students to meet with an academic advisor every semester to get approval for courses to be taken. Students are strongly encouraged to check with an academic advisor during the semester to discuss their progress and any difficulties they may be encountering. Academic advisors are available to discuss and help solve problems students may encounter in achieving their educational goals, including referrals for tutoring or assistive technology.

## ***Assessment of Student Learning***

BMCC is committed to excellence in teaching and learning and is equally committed to assessment as a means of ensuring effective student learning. Assessment is a continuous process of review and refinement at the course, program, and institutional level. Thus, faculty and administration are engaged in ongoing assessment activities that measure student learning based on specific goals and objectives. The results provide regular feedback, which is used to strengthen instructional practices and to develop strategies for improved learning. Students are invited to participate in assessment committee meetings to learn how the assessment plan works and how the results might benefit them.

## ***Credit Load***

To be considered full-time, a student must carry at least 12 credits; anything less is considered part-time. One credit or one semester hour is equal to 15 contact hours of instruction, along with the added equivalent of 30 hours of homework. Students who wish to take more than 18 credits are required to receive permission from their academic advisor and the Vice President for Academic Affairs and to maintain a minimum grade point average (GPA) of 2.7.

## ***Departmental Examinations***

Regularly enrolled students may, in some subject areas, be able to earn credit for a course offered by the college through successful completion of a Departmental Examination. Students who believe they have mastered a course through life experience or past training may, at the discretion of the Department Chair, take the departmental examination, if one has been developed, in that subject area. A fee of \$50.00 per exam must be paid prior to the examination. The exam will be arranged by the Department Chair when the student presents the payment receipt for the exam. Departmental examinations must be completed during the first two weeks of a semester.

An examination grade of 75% or better is required for credit to be earned: please check with the respective Department Chair as the minimum grade may be set higher by program. Upon successful completion of the exam, the Department Chair must file the completed exam with recommendations to the Vice President of Academic Affairs and the Registrar; upon approval, the course completion will be entered on the student's transcript. A letter grade is not earned through this process, and the credits are not calculated as part of the student's GPA. A maximum of 12 credits earned by departmental exam, with a CR (credit) grade, may be applied toward an associate or bachelor's degree, and a maximum of 6 credits for a certificate program. Students should be advised that departmental examination credits may not transfer to another college or university.

## ***Special Projects for Credit***

Special projects may be assigned in the student's program of study. The program advisor will work with the student to develop a project that is of value to the student's educational or occupational goals. Special projects in any program are not necessarily the same from year to year, since they are intended to meet changing conditions and demands. Program advisors, in consultation with the Vice President of Academic Affairs, determine the content and

number of credits awarded for each project. Special projects for credit may be repeated. Students may not count more than six credits of special project courses towards fulfillment of the requirements of any associate degree.

### ***Course Substitution***

Students are expected to take the required courses in the sequence prescribed in their declared program of study. Occasionally, circumstances necessitate a substitution. If this is the case, the student should consult with the academic advisor. The academic advisor will complete a course substitution form, listing the required course to be waived, the course to be substituted, and the rationale for such action. The substitution must then be approved by the Vice President of Academic Affairs and filed with the Registrar. Substitutions are not encouraged and should be considered only when absolutely necessary to fulfill degree requirements.

Students registering for mathematics courses will not be allowed to substitute the next level mathematics course without proving competency in the course they wish to replace. To prove competency, students must pass a cumulative exam (with a minimum of 80%) on the course they wish to replace. This will NOT give credit for the course; it will allow the student to move to a higher level course and the test will be administered by the Department Chair for mathematics.

### ***Course Cancellations***

Bay Mills Community College reserves the right to cancel any scheduled course in case of insufficient enrollment.

### ***Cancellation of Classes***

Cancellation of on-campus classes due to inclement weather or other conditions will be announced by the college through area radio and television stations. Cancellation of all day classes will be announced before 7:00 a.m. Cancellation of evening classes will normally be announced before 3:00 p.m. Cancellation of off-campus classes due to inclement weather will be regulated by the specific site hosting the college course. Students should ask the instructor about the process at off-campus class sites and listen to media announcements for class cancellations. Instructors may email students in the event of illness or other circumstances that prevent them from holding class. Daytime and evening on-campus class cancellations due to the absence of the instructor are posted as early in the day of the cancellation as possible. Missed class time will be made up.

### ***Online Courses***

Online courses provide the convenience of instruction that allows students to study from their own location and on their own schedule. Many of the college's courses are available online, as are certificates, associate degrees, and bachelor's degrees. Course work may include weekly online discussions, readings, and individual or group assignments. As in face-to-face courses, instructors require students to demonstrate mastery of subject area through exams, course projects, and research papers.

Registration, financial aid, textbook ordering, and advisement are completed online. There is a student services advocate who acts as liaison between students and faculty when needed. To learn more about online courses visit [www.BMCC.edu](http://www.BMCC.edu).

### ***Cooperative Education***

Cooperative Education at BMCC integrates academic and applied sciences for the benefit of students. Students contract with a site for on-the-job experience that meets their occupational goals. The supervisor at the chosen site, a college representative, and the student confer in the development of the cooperative education contract which clearly defines the responsibilities of the site, the college, and the student. Monthly evaluations of progress by the site supervisor enhance the student's experience. For credit information, see the Cooperative Education requirements in the course description section of this catalog.

## ***Drop/Withdrawal Policy***

### **Drop**

Students who officially drop from courses prior to the last day of the official drop period of the semester qualify for a tuition/fee refund of 100%. No refunds will be granted after the last official drop date for refund.

To drop a course, you will need to log in to *Student Records* in the Empower system, the college's student management system. To do this, visit [www.BMCC.edu](http://www.BMCC.edu), click on *Student Records*, log in, then click on the *Student Records* tab, then click on *Course Registration* in Course Tools, choose your semester, then click DROP next to the course. This option is only available during the ten (10) day drop period. After the drop period, you will need to officially withdraw. The Last Day to Drop dates can be found on the BMCC Academic Calendar.

### **Withdrawal**

A student finding it necessary to withdraw from courses, after the drop deadline, must complete the new *Withdrawal Request Form* available for online and on-campus students. When submitted, this form generates an email which is sent to the student's instructor, advisor, and the Registrar. Students can find this form by visiting [www.BMCC.edu](http://www.BMCC.edu), click on *Student Records*, log in, then click on the *Student Records* tab, then click on *Withdrawal Request Form* in Course Tools.

Non-attendance does not constitute withdrawal. Failure to properly withdraw from your course(s) will result in failing grades for those course(s). Students officially withdrawing from a course after the first ten days of the semester will have their permanent record marked with a "W" for withdrawal. The Last Day to Withdraw dates can be found on the BMCC Academic Calendar.

**NOTE:** Withdrawal from college, after receiving federal financial aid funding, will result in the student financial aid being recalculated and the student may have to return any unearned aid.

## ***Attendance Policy***

Attendance and participation are extremely helpful in developing a thorough understanding of course material. Individual instructors, with the approval of the Department Chair, will set a course's attendance policy to reflect the requirements of the individual course and discipline of study.



## Grading Policies

The student's academic achievement is recorded on a scale of letter grades assigned by instructors each semester. The grades used by the college with the corresponding numerical values are as follows:

<u>Grade Significance</u>		<u>Grade Points</u>
A	Excellent	4.0
A-		3.7
B+		3.3
B	Good	3.0
B-		2.7
C+		2.3
C	Average	2.0
C-		1.7
D+		1.3
D	Poor	1.0
D-		0.7
F	Failure	0.0
W	Withdrawal	0.0
I	Incomplete	0.0
AU	Audit	0.0
P	Passing	0.0
CR	Credit	0.0
R	Repeat	---
Z	Failure (pass/fail)	0.0

**I (Incomplete)** Students are responsible for completing the requirements of courses in which they are enrolled by the end of the semester. Grades of incomplete will only be given when the student has completed seventy percent (70%) of the course requirements to date with a passing grade, and when, in the opinion of the instructor, the student has a valid excuse for not completing on time and there is reasonable probability the work can be completed in the extension time. If the student does not complete the course requirements by the end of the extension granted (no later than five weeks after the semester ends), the grade earned up to that date will be recorded. An incomplete grade may affect your financial aid, and you are advised to discuss the matter with the Financial Aid Office.

**AU (Audit)** Individuals who are interested in a particular subject and not interested in earning credit for it may audit the course. Listed below are the criteria for auditing a course:

1. Students may audit courses with permission of the instructor. The course will be marked "audit" on the official student grade transcript.
2. Students auditing courses pay the same tuition and fees as those taking courses for college credit.
3. Once students have enrolled in a course on an audit basis, they may not change their registration to a credit basis after the second week of the semester.
4. Financial aid does not apply to audited courses.

**P (Passing)** Students enrolled in special courses/workshops may be graded on a Pass/Fail system. Credit earned counts toward the total required for graduation; however, it is not included in the GPA calculation. Grades issued in the Pass/Fail system may include only the following: "P" for passing or "Z" for fail.

**CR (Credit)** The grade of "CR" is recorded for departmental exams. Credit earned counts toward the total amount required for graduation; however, only 12 credits of courses taken as CR (credit) may be applied toward an associate degree, and 6 credits may be applied toward a certificate. Grades of CR are not included in the calculation of the GPA.

**R (Repeating Courses)** Any course may be repeated, but credit is granted only once. The last grade received on a repeated course is used in computing the GPA, even if the last grade is lower. However, a grade of “W” (withdrawal, no credit) for the repetition of a course will not replace a previous grade in the course. The student must register and pay tuition to repeat a course.

All courses, except English and mathematics courses, completed with an A, A-, B+, B, or B- grade may NOT be repeated. English and mathematics courses may be repeated if competency testing indicates need and the respective Department Chair has provided written approval. All courses completed with a C grade may be repeated with written permission from the respective Department Chair or the Vice President of Academics.

### ***Grade Reports***

Grade reports are issued at the end of each semester of enrollment. Reports document grades, hours attempted, hours completed, honor points, and GPA. Grade reports will not be released to students with outstanding financial obligations to BMCC.

### ***Official Transcripts***

Official transcripts of a student’s academic record will be sent to properly authorized individuals or organizations through our partnership with Parchment.com. Electronic, as well as mailed printed transcripts are available with a valid written request from the student. Information is available on our website, [www.bmcc.edu](http://www.bmcc.edu). A fee of \$10.00 is charged for each transcript issued.

### ***Academic Probation***

Undergraduate students with a cumulative BMCC GPA below 2.0 will be placed on academic probation for the next semester, and a probationary statement will be noted in the students’ record. A student will be removed from academic probation when their cumulative GPA is 2.00 or better. A student on academic probation must either raise their cumulative GPA to at least 2.00 the following semester, or achieve and maintain a current semester GPA of 2.00 or better each semester until they are removed from probation.

### ***Transfer of Credits to other Institutions***

Transfer equivalencies differ from institution to institution. Therefore, students who wish to transfer to another college or university should plan their course of study accordingly. Although students will be assisted by their academic advisors and the Registrar in this process, they must assume responsibility for meeting the requirements of the college or university in which they plan to enroll.

### ***Dean’s List***

Bay Mills Community College acknowledges the importance of dedication, determination, and discipline in academic endeavors. It awards deserving students who have distinguished themselves by their high scholastic achievement. Shortly after the end of each semester, Bay Mills Community College publishes a list of full-time students (a minimum of 12 credits completed during the semester) and part-time students (a minimum of 1 up to 11 credits) who achieved a Grade Point Average of 3.5 or better during the semester. Students on this list have earned Dean’s List Honors for full-time and Academic Achievement for part-time. If you have a question about the Dean’s List or think there is an error, please contact the registrar's office, at [registrar@bmcc.edu](mailto:registrar@bmcc.edu).

### ***Graduation Requirements***

Students are expected to make academic progress during their course of study. Students pursuing an associate degree, bachelor’s degree, or certificate must complete all courses required in their program and have a 2.00 cumulative GPA to graduate. Students pursuing a certificate of completion must complete all courses required in their program and have a 2.0 GPA in their last semester of attendance. Regarding the inclusion of transfer credit from AP courses and other regionally accredited institutions, a maximum of 15 credits for certificate programs, 30 credits for associate degree programs, and 60 credits for bachelor’s degree programs may be included in the graduation requirements. Certificate of completion programs are not eligible for transfer of credit. Courses taken at BMCC for CR (credit) grade will be included in the transfer credit totals. Students in bachelor’s or associate degree programs who have filed a declaration and fail to complete all courses during the final semester may graduate with candidacy status if they have only one course to be completed.



## ***Commencement***

Commencement is held annually for degree, certificate, and diploma candidates. A declaration form must be completed by the advisor and submitted to the registrar by the third week of the Spring semester. The registrar must review and approve that all graduation requirements have been met. Students completing graduation requirements at any time during the year may participate in the annual Spring Commencement exercises. Students will receive an invitation for the commencement ceremony with further details sent to their student email in March.

## ***Academic Code of Conduct***

Students are expected to adhere to traditional Native American values such as honesty, truth, and respect while attending BMCC. To do otherwise diminishes the value and integrity of your education and degree from BMCC. To protect the worth of your academic achievements, we expect you to avoid cheating, plagiarism, and other forms of academic dishonesty, which include, but are not limited to, the following:

- Cheating is the unauthorized copying or sharing of information by any party, by any means, such as verbal, electronic, written, and unwritten.
- Plagiarism is unacknowledged use of the ideas, words, and images (print or computer media) of others that are not public knowledge whether or not the intent is to present it as one's own.
- Academic dishonesty is defined as any acts designed to circumvent the honest and moral completion of an individual's assignment or test and might include unauthorized use of notes, textbooks, and computer media during an exam, or threatening or coercing an instructor.

## ***Academic Disciplinary Sanctions***

The faculty member who feels a student has engaged in academic dishonesty will determine the sanction, which may include issuing a failing grade for the entire course. A form will be given to the student explaining the reason for the sanction. If a student has discussed the action with the instructor and feels the sanction is unwarranted, he/she may appeal to the Disciplinary Sanction Board. Serious offenses may be referred to administration, which may take independent action including suspension, removal from college, or referral to law enforcement.

## ***Academic Grievance***

Academic grievances are disagreements between the student and instructor concerning assignments, grades, personal conflicts in the classroom, etc. Whenever a problem arises, all attempts should be made to resolve the issue informally. If such discussions fail to resolve the issue, the student has the right to file a formal grievance. Refer to the *BMCC Student Handbook* for the proper procedure.

## ***Family Educational Rights and Privacy Act (FERPA)***

When a student turns 18 years old or enters a postsecondary institution at any age, all rights afforded to the parent under FERPA transfer to the student. However, FERPA provides ways in which a school may – but is not required to – share information from an eligible student's education records with parents, without the student's consent. For example:

- Schools may disclose education records to parents if the student is claimed as a dependent for tax purposes.
- Schools may disclose education records to parents if a health or safety emergency involves their son or daughter.
- Schools may inform parents of the student, if he or she is under the age 21 and has violated any law or policy concerning the use or possession of alcohol or a controlled substance.
- A school official may generally share with a parent, information that is based on that official's personal knowledge or observation of the student.

## ***International Students Not Accepted for Enrollment***

BMCC was chartered by the Bay Mills Indian Community in 1984 under the regulations promulgated to implement the Tribally Controlled Community College Assistance Act of 1978. A condition of eligibility found in these regulations is that the college must maintain a majority of Native American students if in operation more than a year. BMCC grants preference to those non-tribal students from the Eastern Upper Peninsula of Michigan and those employed by any U.S. Federally Recognized Tribe.

# BOOKSTORE

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Selecting and ordering textbooks is done completely online at the [BMCC Online Bookstore](#).

You are responsible to pay for your books at the time of purchase unless you qualify for a financial aid charge approval. To qualify, you must have reviewed and accepted your financial aid package through student records before starting classes. Any student who has excess aid after the cost of tuition and fees will automatically receive a Financial Aid Voucher once they have accepted their award. Financial Aid Vouchers will appear as a payment method for course-required materials in the BMCC Online Bookstore three weeks before the first day of class for students with a complete financial aid file. Please email the Financial Aid Office at [financialaid@bmcc.edu](mailto:financialaid@bmcc.edu) with any financial aid questions that you may have.

## STUDENT BILLING

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### *Tuition and Fees*

#### **Tuition (Full and Part-Time)**

100-200 Level Courses, tuition per credit hour	<b>\$95.00</b>
300-400 Level Courses, tuition per credit hour	<b>\$285.00</b>

#### **Student Fees (Full and Part-Time)**

Registration fee per semester	<b>\$30.00</b>
Technology fee per semester	<b>\$20.00</b>
Fee per credit hour	<b>\$10.00</b>
Lab fee per science course, on campus only	<b>\$20.00</b>

#### **Additional Fees for Online Courses**

Distance Learning fee per online credit hour	<b>\$20.00</b>
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#### **Other Fees**

Departmental examination fee per exam	<b>\$50.00</b>
Transcript fee	<b>\$10.00</b>
Return check fee (for non-sufficient funds)	<b>\$20.00</b>

Some programs and/or courses have additional or special fees to support the courses.  
Tuition and fees are subject to change.

### *Tuition Refund Policy*

Students will receive a full refund of tuition and fees if a course is officially dropped within the following time frame:

- 15 and 16-week courses, regular semester course - first ten business days
- 8-week course - first five business days
- 6-week course - first four business days
- 4-week course - first two business days
- 2-week course or less - one business day

Exceptions may be made when warranted by unusual circumstances.

### *Billing Statement and Due Dates*

Your billing statement will be available electronically by accessing your account online through Student Records at [www.bmcc.edu](http://www.bmcc.edu). No statements will be mailed unless requested.

All student bills are expected to be paid in full within five business days from the beginning of the semester. If you have a complete financial aid file prior to the beginning of the semester, financial aid will be applied to your account. Any remaining balance that financial aid does not cover is the responsibility of the student. If you do not have a complete financial aid file before the semester begins, you may still apply for financial aid during the semester you are enrolled; however, you will be required to pay the full cost of your bill by the due date. If you are eligible for financial aid, refund checks will be issued during the semester for any excess aid.

BMCC offers a payment plan to help you pay tuition and fees over the current semester. Your outstanding balance will be divided into three equal monthly payments. The first payment is due within five business days from the beginning of the semester. Please contact the Student Billing Assistant before the beginning of the semester to setup a payment plan. If you fail to pay the balance in full or setup a payment plan within five business days from the beginning of the semester, your account is delinquent and will be referred to a court or outside collection agency after 30 days.

Please note that a business hold will be placed on your student account until the balance is paid in full. This hold may prohibit a student from early enrollment in the next semester's courses. Students who have not paid in full OR have a payment arrangement plan signed within five business days from the beginning of the semester will lose their online access immediately and may be dropped from classes.

### ***Payment Options***

You may pay in **U.S. funds** with cash (in person only), personal check, money order, Discover, MasterCard, or VISA. You may make a credit card payment directly on your student account by using our secure online payment system located on our website at [www.bmcc.edu](http://www.bmcc.edu). Checks should be made payable to Bay Mills Community College. Mail payments to Bay Mills Community College, Attn: Cashier, 12214 West Lakeshore Drive, Brimley, MI 49715.

There will be a 3% foreign transaction fee added to the student's account for any check received in Canadian funds. A \$20.00 service fee is charged for insufficient fund accounts.

### ***Refund Checks***

If a student pays for a course and it is dropped or cancelled, for a full refund of tuition and fees, the student must contact the Accounting Office to receive a refund. Students who pay with cash, check, or money order are issued a BMCC refund check that is mailed to the student's address on file. Students who pay online using their credit card will receive a refund to the credit card that was used to make the payment.

### ***Financial Holds***

The college reserves the right to withhold grades, diplomas, and deny subsequent registration to any student whose account has an outstanding balance.

### ***Delinquent Accounts***

Accounts that are 30 days past due will be referred to a court or outside agency for collection.

If you have arranged a payment plan with the Student Billing Assistant, your account is not delinquent unless you fail to make your prearranged payments. If you miss one payment by more than five business days with no communication to the Student Billing Assistant, your account will be referred to a court or outside agency for collection.

The student is responsible for paying all charges due to the college as well as all collection agency or legal fees incurred to collect the delinquent account, which may exceed 50% of the original amount owed. Please contact us if you are having trouble meeting your financial obligations. We want to work with you so we do not have to take collection action.

## **FINANCIAL AID**

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### ***Financial Aid***

Bay Mills Community College offers a variety of federal, state, and local scholarships, grants, and work study opportunities. Many students are eligible for financial aid and should apply to find out what financial aid may be available. Most financial aid is based on need and is intended to assist students whose families cannot pay all, or perhaps any, of the college costs. The difference between what it costs to attend BMCC and what a student and his/her parents can reasonably contribute is considered the student's unmet need.

## ***Types of Financial Assistance***

BMCC offers three types of financial aid:

- **Scholarships:** Non-repayable money, usually based on academic performance and/or demonstrated financial need.
- **Grants:** Non-repayable money, usually based upon demonstrated financial need.
- **College Work-Study:** Part-time work during the school year and evidence of financial need is usually a requirement.

These types of assistance are often combined to form a financial aid “package”. The “package” is designed to make up any difference between the school expenses and the expected family contribution. In the packaging process, each eligible student may receive scholarship and/or grant aid, as well as work-study funds.

## ***Apply for FAFSA***

To apply for federal and state financial aid, you will need to complete the Free Application for Federal Student Aid (FAFSA) at [www.studentaid.gov](http://www.studentaid.gov). The school code for Bay Mills Community College is 030666.

You should start by applying for an FSA ID (user name and password) through the U.S. Department of Education. It is important to understand that the student and the parent may not share an FSA ID: your FSA ID is your signature, so it has to be unique to you. If you are a parent of a *dependent student*, you will need your own FSA ID if you want to sign your child’s FAFSA form electronically. If you have more than one child attending college, you can use the same FSA ID to sign all applications, but each child must have his or her own.

Next, you will need to gather the documents needed to complete your FAFSA. Typically, these documents include your social security number, alien registration number (if you are not a U.S. citizen), your federal income tax returns (Note: you may be able to transfer your federal tax return information using the IRS Data Retrieval Tool), W-2s and other records of money earned, bank statements and records of investments (if applicable), records of untaxed income (if applicable), and an FSA ID to sign electronically. If you are a dependent student, then you will also need most of the above information for your parent(s).

## ***When to Apply – Financial Aid Deadline***

Don’t delay applying for aid. Completing the *Free Application for Federal Student Aid* early will help you avoid missing deadlines, thereby maximizing the amount of aid for which you are eligible. The FAFSA can be filed as soon as **October 1<sup>st</sup>** of the student’s senior year in high school and each subsequent year in college. BMCC highly recommends completing your application as soon as possible so that students meet the State of Michigan’s **May 1<sup>st</sup>** state aid deadline. This deadline is for new and returning students. If you have other sources of financial aid, such as a direct pay by your Tribe or employer, please submit a copy of the documentation to the Financial Aid Office by August 1<sup>st</sup> of each year.

If you do not have a complete financial aid file prior to the start of the semester, you may still apply for financial aid during the semester you are enrolled; however, you will be required to pay for your books at the time of purchase. You will also be required to pay in full or setup a payment plan with the Student Billing Assistant for the cost of tuition and fees within five business days upon the start of the semester. If you are eligible for financial aid, refund checks will be issued during the semester for any excess financial aid.

## ***Financial Aid Eligibility***

The Federal Government has determined that financial aid will be made available only to those students who have received a high school diploma or earned a GED. In order to be eligible for financial aid, a student must:

- Be a U.S. citizen or "eligible non-citizen"
- Be accepted for admission to BMCC
- Complete the FAFSA and submit all required documentation for the financial aid file
- Be enrolled for the minimum number of credit hours needed to fulfill program requirements
- Maintain satisfactory academic progress
- Register with Selective Service, if required by law
- Not be in default on any Title IV loan or Title IV grant received at any institution
- Complete the Anti-Drug Abuse Certification Statement

### ***Financial Aid Disbursement Dates/Refund Checks***

If you qualify for financial aid, we will apply the financial aid to your college bill first and if your financial aid is greater than your bill, you are eligible for a refund. Financial aid refunds from the Pell grant are disbursed in three payments over the course of the semester. If you receive other types of financial aid, it will be disbursed on the closest refund date. Please refer to the Financial Aid Disbursement Date schedule at [www.bmcc.edu](http://www.bmcc.edu).

### ***Pell Grant Attendance Requirement***

BMCC is required to check attendance regularly as part of the Pell grant requirements. If you do not attend your classes, your Pell grant will be adjusted and you will receive a smaller financial aid refund check or you may have to pay back a portion of your Pell grant.

### ***Federal Pell Grant Lifetime Eligibility***

Students are limited to 12 semesters (six years) of Pell grant eligibility during their lifetime. This regulation affects all students regardless of when or where they received their first Pell grant. For example, if you received a full time Pell grant for 6 semesters (three years) at BMCC, you would be limited to 6 semesters (three years) at another college or university.

The U.S. Department of Education is tracking your lifetime eligibility percentage. Since the maximum amount of Pell grant funding a student can receive each year is equal to 100%, the six year equivalent is 600%. For example, if you received a full time Pell grant for two semesters, you used 100% for that year. In the next year, if you enroll at three-quarter time for two semesters, you used 75% for that year. Together, you would have used 175% out of the total 600% lifetime limit. You can determine how much Pell you have used and what you have remaining at [www.studentaid.gov](http://www.studentaid.gov) or by contacting BMCC's Financial Aid Office.

In certain situations, an eligible student can receive up to 150% of his or her scheduled Pell Grant award for an award year. For example, if you are eligible for a \$2,000 Pell Grant for the award year, and are enrolled full-time for both the fall and spring semesters, you'll likely receive \$1,000 in the fall and \$1,000 in the spring. However, under certain circumstances, you may be eligible to receive an additional \$1,000 in the summer semester (resulting in your receiving 150% of your original award). You might hear this situation being referred to as "year-round Pell". For more information contact BMCC's Financial Aid Office.

You must plan now for your future, especially if you intend to transfer to a four year college and pursue a bachelor's degree. Complete your classes and stay on track with your academic plan to attain your associate and bachelor's degrees within the six year lifetime limit!

### ***Return of Financial Aid for College Withdrawal or All F's***

When you receive a Pell grant or Federal Supplemental Opportunity grant to attend Bay Mills Community College, you are agreeing to complete courses covered by your financial aid. According to Department of Education regulations, if you withdraw or stop attending all classes prior to completing more than 60% of a semester, your aid will be recalculated based on the percent of the semester you have completed. For example, if you received a \$1,000 award and only completed 30% of the semester, you would need to pay back \$700.

If you received F's in all of your classes, the U.S. Department of Education requires a recalculation of your financial aid based on the last date you attended. For example, if you stopped attending classes after receiving your financial aid refund check and get all F's, you may have to pay back a substantial amount because you did not earn your Pell award.

If you are thinking about withdrawing from all of your classes or decide to stop attending classes, please contact the Financial Aid Office to determine how this will affect your financial aid and possible repayment.

## ***Satisfactory Academic Progress Policy***

Federal law requires all students who receive federal financial aid to make Satisfactory Academic Progress (SAP) toward their degree. The intent of this policy is to ensure that students who are receiving federal financial aid are making measurable academic progress toward completion of an eligible academic program in a reasonable period of time. This will be evaluated at the end of each semester. At that time, the Financial Aid Office will review the student's transcript to determine if the student is in compliance with the following requirements:

- **Credit Hours** Students must earn at least 67 percent of the credit hours, which they attempt at BMCC on a cumulative basis. Students who fail to meet this requirement will be put on a SAP warning for their next semester of attendance. Students put on warning will be notified in writing of their status and informed of the deficiency requiring correction. Eligibility for financial aid will be suspended if the deficiency is not corrected by the end of the next semester of attendance.
- **Grade Point Average (GPA)** Undergraduate students with a cumulative BMCC GPA below 2.0 will be placed on academic warning. Students put on SAP warning will be notified in writing of their status and informed of the deficiency requiring correction to be removed from SAP warning. Students on SAP warning are eligible for financial aid; however, those students on SAP warning who fail to raise their GPA to the minimum 2.0 level after the semester of SAP warning will be placed on financial aid suspension. Students on SAP suspension are not eligible for federally sponsored financial aid programs. Transfer credits will not be considered in the cumulative BMCC GPA calculation.

Please contact the Financial Aid Office to obtain a copy of the entire Satisfactory Academic Progress policy.

### ***Maximum Credit Hours***

Students are limited to receiving federal financial aid for up to 150 percent of the number of credits required for their program of study. For example, if your associate degree requires 66 credits, you can obtain financial aid for up to 99 credit hours (66 x 150%) provided that you maintain satisfactory academic progress.

### ***Right to Appeal Financial Aid Suspension***

If your unsatisfactory progress was due to extenuating circumstances, you must appeal your Financial Aid Suspension within ten business days of the date on the notification letter. You must submit your appeal in writing to the Director of Financial Aid stating the reason for your unsatisfactory progress and in what way the situation has now been rectified, while attaching any appropriate documentation to your letter.

### ***Omnibus Drug Initiative Act***

All students receiving federal financial aid are required to certify that they will not engage in the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance while a student at BMCC. This act gives courts the authority to suspend eligibility for federal student financial aid when sentencing a student who has been convicted of a drug-related offense.

### ***Grants and Scholarship Opportunities***

The following discussion is not a complete list of the types of grants and scholarships that are available. Please contact the Financial Aid Director to obtain additional information.

#### ***Federal Pell Grant Program***

The Federal Pell Grant Program is a student aid program designed to provide undergraduate students with a base of financial aid to help meet the costs of attending college. The Federal Pell Grant is also the foundation from which all other student financial aid (federal, state, institutional, and private) is built. Eligibility for Pell is determined from the FAFSA application.

#### ***American Indian College Fund (AICF)***

The American Indian College Fund scholarships and grants are an integral part of the financial aid package at Bay Mills Community College. The Financial Aid Office posts information regarding the AICF Grants/Scholarships at the beginning of each semester and the student is responsible for filling out the application online.

## ***Board of Regents Tuition Award***

The Board of Regents (BOR) Award **WAIVES TUITION** costs for all students admitted to BMCC who meet the following guidelines:

1. Must be a **TRIBAL MEMBER** of a U.S. Federally Recognized Tribe and submit a copy of your tribal I.D. or verification of tribal membership from your Tribal Enrollment Clerk.
2. Must maintain a minimum **2.0 GRADE POINT AVERAGE**.
3. Students must display **GOOD MORAL CHARACTER** to remain eligible (the *BMCC Student Handbook* defines acceptable student behavior).

Any student currently earning below a 2.0 cumulative GPA at the end of the academic year will be placed on probation and have one academic year to bring their GPA up to a 2.0. If the student fails to achieve a 2.0 during the probationary period, they will not become eligible until their cumulative GPA is brought up to the 2.0 requirement.

Students granted the BOR waiver will still be required to cover other costs, such as textbooks and fees.

### ***Tribal Support Programs and the Indian Higher Education Program***

Financial assistance for tribal members wishing to pursue post-secondary education or vocational training is available through individual tribal education departments. To apply, contact your tribal education director for an application and program guidelines.

### ***Work Study Program***

The purpose of the work study program is to make available part-time employment opportunities for students who have demonstrated financial need and who are eligible for financial aid. Students at BMCC must apply through the Human Resources Department. To determine if a student qualifies for work study, financial aid eligibility and work ability are evaluated. Students may be required to re-apply for work study programs each semester as actual employment is based upon funding available. Applications are available on campus and online at [www.BMCC.edu](http://www.BMCC.edu).

### ***Supplemental Educational Opportunity Grants***

The purpose of the Federal Supplemental Educational Opportunity Grant is to provide grants to students with severe financial needs to help pay for their post-secondary education. It is for undergraduates only and it does not have to be paid back. The minimum award is \$100. To qualify for these grant funds, students must be eligible to receive a Federal Pell Grant.

### ***Michigan Works***

Under the provision of Michigan Works, sometimes there may be federal and state funding available to provide financial assistance for classroom training to eligible residents of Chippewa, Luce, and Mackinac Counties. The purpose of Michigan Works is to prepare the student for immediate employment upon completion of training. Because eligibility requirements vary, students must contact MI Works to explore available programs.

# STUDENT SERVICES

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Bay Mills Community College provides a number of student services designed to assist students to succeed in a college environment. The student services staff is available to assist students in achieving their academic and career goals and personal/cultural development.

## *Student Success Center*

The Student Success Center (SSC) offers one-on-one assistance online and on campus to help students plan for and achieve their academic and career goals. The SSC's goal is to provide students with the knowledge, skills, and self-awareness that is necessary to achieve success in college and in life. The center offers a number of programs, resources, and services to all students:

- Professional and peer tutoring
- Academic success planning
- Career planning
- Starfish (early alert system)
- Proctoring for tests
- New Student Advising
- Laptop and computer lending program

All students are welcome and encouraged to stop by and explore the opportunities that are available to them while a student at BMCC.

To learn more about the Student Success Center go to [www.bmcc.edu/student-services/student-success-center](http://www.bmcc.edu/student-services/student-success-center)

## *Cultural Services*

BMCC promotes the preservation of the culture, traditions, lifeways, language, history, and customs of Native Americans with emphasis on the Anishinaabe people of the Great Lakes. Along with a wide variety of courses in Native American studies and language, the BMCC Cultural Services Director offers assistance to students and community members who would like more information about Native culture for their coursework and/or for personal interest.



## *Disability Services*

BMCC is committed to accommodating persons with disabilities. The College adheres to the standards and guidelines set forth in the Americans with Disabilities Act. Students with documented disabilities must contact the Disability Services Office to receive assistance and accommodations. In addition, BMCC contracts with Michigan Rehabilitation Services to provide a broader range of services. The BMCC campus is barrier free with accessible entrances and exits, and handicap accessible parking is available and clearly identified.

## *TRiO Student Support Services (SSS) Program*

The TRiO Student Support Services (SSS) Program is a federally funded program that offers academic support services and individualized resources to eligible students each year. The program is designed to provide services that will assist eligible students to achieve academic success, complete their educational program at BMCC, and successfully transfer to a 4-year institution. Services available to TRiO-SSS participants are:

- One-on-one advising
- FAFSA assistance
- Disability services and referrals
- Professional and peer tutoring



- Peer mentoring
- Transfer & university application assistance
- University tours & cultural experiences
- Financial aid literacy
- Grant aid per semester
- Scholarship resources
- Workshops & talking circles
- Career and learning style assessment
- Career development & job shadowing
- Leadership opportunities & activities
- TRiO lab with study aids, computers, printers, and supplies

To be eligible to participate in the TRiO – SSS Program, BMCC students must meet income guidelines and/or be a first generation college student and/or have a documented disability. For further information, contact the college's TRiO – SSS Director.

### ***Student Rights and Responsibilities***

As a tribally controlled community college and land grant institution, the mission of Bay Mills Community College is to provide quality educational opportunities, promote research, and facilitate individual development in an accessible, community-based, and culturally diverse environment that supports and maintains the Anishinaabek culture and language. The following Rights and Responsibilities are listed to assist students in their educational endeavors:

#### ***Rights***

- The right to tribally-controlled higher education.
- The right to academic freedom.
- The right to freedom of religion and culture.
- The right to privacy.
- The right to freedom of speech and assembly.
- The right to make decisions.
- The right to a safe and secure environment.
- The right to humane and responsive treatment.
- The right to be free from unreasonable search and seizure.
- The right to due process.

#### ***Responsibilities***

- The responsibility for submitting accurate information.
- The responsibility for discharging all legal obligations.
- The responsibility of payment for all financial obligations.
- The responsibility for completing class assignments in a timely manner.
- The responsibility for adhering to all rules and regulations of Bay Mills Community College.

### ***Social Code of Conduct***

Bay Mills Community College promotes the integration of Traditional Native American values in all educational programs. The seven (7) sacred traditional teachings charge us with seeking the virtues of wisdom, love, respect, bravery, honesty, humility, and truth. In keeping with this spirit, students are expected to behave as mature individuals and to conduct themselves in a manner which is a credit to their parents, the college, and their community. The following violations will result in disciplinary actions:

- Possession of any firearms, other weapons, or explosives on campus.
- Assaulting, threatening, harassing, or endangering the health or safety of others.
- Unwelcome sexual advances, requests for sexual favors, or verbal or physical conduct of a sexual nature that unreasonably interferes with another and creates an intimidating, hostile, or offensive environment.
- Theft or damage to public or private property.
- Unauthorized presence in or use of college facilities or equipment.

- Use of tobacco or devices designed to simulate tobacco usage, except in authorized areas or for ceremonial purposes.
- Refusing to comply with college officials performing their duties.
- Use, possession, or being under the influence of an illegal drug or alcoholic beverage while on college premises or at off-campus sponsored events or field trips.

Any person possessing firearms, other weapons, or explosives on campus, or those threatening the health, welfare, or safety of students, staff, instructors, or others may be banned from BMCC by the president. This ban is permanent and not appealable under the standard student grievance procedures. The banned individual will only be allowed to return when directed by a competent authority.

### ***Social Conduct Disciplinary Sanctions***

Any of the following disciplinary sanctions, which are consistent with tribal, state, and federal law, may be imposed for violation of the Student Code of Conduct outlined above:

- Warning
- Written reprimand
- Restitution for damages
- Mandatory participation in an approved alcohol/drug abuse treatment program
- Probation
- Suspension
- Dismissal
- Referral for prosecution

### ***Due Process***

A student who is charged with a violation of the Social Conduct Code will

- Receive a written charge of the violation and the disciplinary sanction imposed,
- Have a hearing, if requested,
- Have the right to grieve the charge and disciplinary sanction,

The student may continue in good standing until the appeals process is completed unless the safety of other individuals is affected. (See *BMCC Student Handbook* for a detailed description of the appeals procedure).

### ***Parking***

Parking is provided by the college to all students, staff, and visitors. Handicapped parking is available in designated areas.

### ***Student Eligibility for Office and Activities***

A student must be a “student in good standing” to participate in BMCC activities. These activities include seeking a seat on the Student Council and traveling as part of a BMCC sponsored event, such as the annual AIHEC Student Conference, transfer trips to other colleges and universities, and club activities. Good standing is defined as making satisfactory progress toward a degree, at least 70% attendance in all registered classes, no outstanding financial obligations to the College, no misconduct issues as defined in the *Student Handbook*, and, if seeking election to the Student Council, you must carry at least an eight (8) college credit load.

### ***Student Council***

The Student Council at BMCC may consist of full and part-time students, with the exception of BMCC employees. Student Council officers include a president, vice president, secretary, treasurer, and sergeant-at-arms. Officers are elected from the student body-at-large at the beginning of the fall semester each academic year. The Student Council President also represents the students as an ex-officio member of the BMCC Board of Regents.

### ***Student Activities/Clubs***

BMCC promotes many student activities and events. Students are encouraged to participate in all activities and clubs sponsored by the Student Council and Student Services personnel.

# COMMUNITY SERVICES

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## *Continuing Education Services*

Continuing education provides life-long learning opportunities within the College's service area. Offerings cover a variety of subjects designed to reflect the needs of the community, including professional development, academic credit and non-credit enrichment choices. Continuing Education Services also offers conferences, teleconferences, and seminars in cooperation with other tribal, regional, or national organizations to meet the needs of our community.

## *The Library*

The college library is a major academic resource for students at BMCC. Its facilities stimulate intellectual curiosity, promote research, and provide an atmosphere of learning. The library staff is available to provide assistance to students and other patrons using the library.

The book collection is arranged, according to the Library of Congress system, in open stacks. The reference collection contains dictionaries, encyclopedias, handbooks, bibliographies, manuals, almanacs, atlases, and other volumes that can be used for rapid information retrieval. A special part of the library is devoted to a collection of over 900 books dealing with Native American topics, many of which were authored by Native American scholars. In addition, the library collection features audio and video cassettes on Native American history and culture, language, law, literature, mythology, and handicrafts to support and enrich the Native American studies curriculum at BMCC.

The library also maintains interlibrary loan agreements with nearby public and academic libraries. An arrangement with the Upper Peninsula Region of Library Cooperation-Automated Library System allows the patron to have access to over 1,500,000 books by utilizing an online system linking many of the libraries of the Upper Peninsula. Books and other research materials are readily available to BMCC library patrons by means of the interlibrary loan.

# GENERAL EDUCATION PROGRAM

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The purpose of the General Education program at BMCC is to provide the skills and knowledge necessary to be a successful citizen who contributes positively to society and continues to grow personally. BMCC believes that graduates should possess competency in the following areas: communication, critical thinking, diverse perspectives and cultures, information literacy, and quantitative reasoning.

The college's General Education Committee has identified five (5) institutional learner outcomes (ILO's), which are assessed in each curricular program.

The ILO's identified are:

- **Communication:** Students will be able to communicate information and concepts in oral and written format
- **Critical Thinking:** Students will use evidence to develop arguments, make decisions, and evaluate outcomes
- **Diverse Perspectives and Cultures:** Students will be able to describe diverse perspectives and cultures as they relate to the individual, the community (with emphasis on the Native American community), and the global society
- **Information Literacy:** Students will apply a variety of credible sources to support a given topic
- **Quantitative Reasoning:** Students will use quantitative analytical skills to interpret and evaluate problems.

## ***General Education Sequencing***

General education courses provide the core of learning which students need to succeed in their other courses and in their communities. General education learning is not limited to the required general education courses; rather, it is infused and practiced throughout BMCC's curriculum. It is, therefore, in the students' best interest to take these core classes in the exact order specified in their program. Long periods of time between skill-based courses in communication and mathematics can cause individuals to lose vital learning that is necessary for success at the next level. BMCC students must enroll in communication courses consecutively, starting with their first semester at BMCC and continuing until they have passed EN112 with a "C" or better. All communication courses require a minimum of a "C" average to advance to the next level.

## ***Prerequisites***

Courses with prerequisites build on the foundational skills acquired in the prerequisite course. Therefore, students are recommended to take these courses right or soon after earning their credit in the prerequisite course. Transferred prerequisite credits expire after three years. Students with prerequisite credits older than three years may be required to demonstrate skills on a departmental test. For example, EN112 builds on the foundational college writing skills acquired in EN111. Therefore, students are recommended to take EN112 right or soon after earning their credit in EN111. Transferred credits for EN111 expire after three years; all EN111 credits older than three years may be accepted on condition of taking a departmental test.

## ***General Education Assessment***

Solid general education skills and continuous personal improvement are the foundation for successful employment, transfers to four year universities, and lifelong learning. In order to ensure that we are delivering strong curricula, BMCC continuously measures how much our students learn over more than one semester of skills development. Bay Mills Community College uses the Degree Qualifications Profile (DQP) to assess student learning throughout the institution. The DQP describes what degree recipients should know and be able to do through the organization of learning outcomes (proficiencies) according to five broad interrelated categories. Each of these categories are assessed in one or more of the general education courses, as well as program specific courses offered at BMCC.

**Specialized Knowledge.** This category addresses what students in any specialization should demonstrate with respect to the specialization beyond the vocabularies, theories and skills of particular fields of study.

**Broad and Integrative Knowledge.** This category asks students at all degree levels to consolidate learning from different broad fields of study (e.g., the humanities, arts, sciences and social sciences) and to discover and explore concepts and questions that bridge these essential areas of learning.

**Intellectual Skills.** This category includes both traditional and nontraditional cognitive skills: analytic inquiry, use of information resources, engagement with diverse perspectives, ethical reasoning, quantitative fluency and communicative fluency. Throughout, the DQP emphasizes the importance of students making, confronting and interpreting ideas and arguments from different points of reference (e.g., cultural, technological, political).

**Applied and Collaborative Learning.** This category emphasizes what students can do with what they know. Students are asked to demonstrate their learning by addressing unscripted problems in scholarly inquiry, at work and in other settings outside the classroom. This category includes research and creative activities involving both individual and group effort and may include practical skills crucial to the application of expertise.

**Civic and Global Learning.** This category recognizes higher education's responsibilities both to democracy and the global community. Students must demonstrate integration of their knowledge and skills by engaging with and responding to civic, social, environmental and economic challenges at local, national and global levels.

## General Education Course Requirements for A.A.S. Degrees

<u>Courses</u>	<u>Credits</u>
***** Computer Science elective	3-4
***** Two program designated communication courses	7-8
***** Mathematics elective or Science elective with lab	3-4
NA113 Native American Awareness	1
ES101 Fitness & Wellness	<u>2</u>
	16-19

## General Education Course Requirements for AA, AS, BA and BS Degrees

<u>Courses</u>	<u>Credits</u>
***** Computer Science elective	3-4
EN111 College Composition	4
EN112 Content Area Composition and Research	4
***** Communication elective:	3-4
EN107 Public Speaking	
NL105 Ojibwe Language I	
***** Mathematics elective:	4
MA113 Quantitative Reasoning	
MA114 Intermediate Algebra	
MA116 College Algebra	
MA118 Trigonometry	
MA206 Statistical Methods	
NA113 Native American Awareness	1
NA*** Native American Studies elective:	4
NA123 Native American Contributions to Society	
NA125 History and Organization of Michigan Indian Tribes	
ES101 Fitness & Wellness	2
***** Science elective with lab	4
***** Social science elective	<u>3-4</u>
	32-35



## MICHIGAN TRANSFER AGREEMENT

Bay Mills Community College is a signatory to the Michigan Transfer Agreement. This agreement is designed to facilitate transfer from community colleges to baccalaureate colleges and universities in Michigan. The agreement provides for transferability of up to 30 semester credits to meet many (in some cases all) of the General Education Requirements at participating Michigan four-year colleges and universities.

To fulfill the Michigan Transfer Agreement, students must successfully complete at least 30 credits, with at least a 2.0 in each course. These credits, which will be certified by a Michigan community college, should be met according to the following distribution:

- One course in English Composition
- A second course in English Composition or 1 course in Communications
- One course in Mathematics
  - Course options include: Quantitative Reasoning, College Algebra, Analytic Trigonometry and Statistical Methods
- Two courses in Social Sciences
  - Courses must be taken in more than one academic discipline
  - Course options may include but are not limited to the following: Economics, Corrections, Education, Geography, History, Native American Studies, Psychology, Political Science and Sociology
- Two courses in Humanities and Fine Arts
  - Courses must be taken in more than one academic discipline and may not include studio and performance courses
  - Course options may include but are not limited to the following: Art, Ojibwe Language, History, Literature, Music and Native American Studies
- Two courses in Natural Sciences
  - Courses must be taken in more than one academic discipline and include at least one laboratory experience
  - Course options may include but are not limited to the following: Biology, Chemistry, Natural Science and Physics

Students are encouraged to meet with their academic advisors to select the appropriate courses that fulfill the Michigan Transfer Agreement requirements.



# MICHIGAN TRANSFER AGREEMENT

## *Elective Options*

The following courses may be selected as electives in individual associate degree programs. Students should refer to the special requirements of individual degrees and consult with an advisor in selecting electives. Courses used to meet Michigan Transfer Agreement requirements must receive a C or higher grade (2.0 or higher).

### Native Studies/Humanities

ED252 Children's Literature	3
ED255 Children's Literature K-8	3
EN206 Creative Writing	3
EN225 Contemporary Native American Literature	3
HS105 American History I	4
HS106 American History II	4
HS109 History of World Civilization I	3
HS110 History of World Civilization II	3
HS202 Michigan History	3
HU116 Art Appreciation	3
HU122 Native American Art Appreciation	3
JR110 Intro. to Mass Media	4
NA110 Native Americans: Sharing Our Culture & Traditions	3
NA113 Native American Awareness	1
NA117 Intro. to Native American Beading	2
NA122 Native American Art Appreciation	3
NA123 Native American Contributions to Society	4
NA125 History & Org. of MI Indian Tribes	4
NA131 Anishinaabek Legends & Oral Traditions	3
NA132 People & the Land-Seasonal Life Ways	3
NA136 Anishinaabek Clothing, Adornment & & Handcrafts	3
NA154 Traditional Drumming and Singing I	3
NA155 Traditional Drumming and Singing II	3
NA205 Tribal Law	3
NA213 Contemporary Native American Issues	3
NA219 Tribal Government & Economic Issues	3
NA225 Contemporary Native American Literature	3
NL101 Intro. to Anishinaabe Language I	1
NL105 Ojibwe Language I	4
NL106 Ojibwe Language II	4
NL141 Basic Immersion I	6

### Mathematics

MA113 Quantitative Reasoning	4
MA116 College Algebra	4
MA118 Trigonometry	4
MA206 Statistical Methods I	4

### Science

BI101 Introduction to Biology (Lab)	4
BI107 Human Biology (Lab)	4
BI110 General Biology (Lab)	4

### Science

BI221 Human Anatomy & Physiology I (Lab)	4
BI222 Human Anatomy & Physiology II (Lab)	4
CH104 Intro. to Chemistry (Lab)	4
CH110 Intro. to Organic & Biochemistry (Lab)	4
GE201 Intro. to Geographic Info. Systems	3
NS101 Environmental Science (Lab)	4
NS107 Intro. to Earth Science (Lab)	4
NS114 Fish & Wildlife Management (Lab)	4
NS116 Water Resources in a Warming World (Lab)	4
PS112 Concepts of Physics (Lab)	4
SI201 Concepts of Epidemiology	4

### Social Science

BU108 Macroeconomics	3
BU109 Microeconomics	3
BU201 Intro. to Grants	3
CJ101 Intro. to Corrections	3
CJ201 Intro. to Criminal Justice	3
EC101 Intro. to Early Childhood Education	4
EC212 Child Development	4
EC217 Emergent Literacy	3
EC218 Developing Family Partnerships	4
ED201 Intro. to Education & Student Diversity	4
ES105 Sociology of Sports	4
GE105 Intro. to World Geography	4
HS105 American History I	4
HS106 American History II	4
HS109 History of World Civilization I	3
HS110 History of World Civilization II	3
HS212 American Government I	4
NA125 History & Org. of MI Indian Tribes	4
PY101 Intro. to Psychology	4
PY205 Abnormal Psychology	3
PY208 Counseling Theories and Techniques	3
PY214 Developmental Psychology	3
SO103 Community Support Systems	3
SO106 Intro. to Sociology	4
SO203 Interpersonal/Intercultural Relations	3
SO204 Social Problems	3
SO206 Sociology of Death and Dying	3
SO209 Family Systems	3
SO212 Sociology of Women	3
SO213 Communications/Conflict Resolution	3
SW110 Intro. to Social Work	4

## DEGREE PROGRAMS

Programs of study at BMCC are designed to provide opportunities for students to develop skills, competencies, and experience in chosen areas. Students can complete associate degree programs of study preparing them to transfer to four year programs of study or to seek immediate employment. Students can also complete a bachelor's degree in Early Childhood Education or Computer Information Systems. BMCC also welcomes those seeking personal enrichment or new or updated job skills, as well as visiting students from other colleges. BMCC grants the following degrees: Bachelor of Arts (BA), Bachelor of Science (BS), Associate of Arts (AA), Associate of Science (AS), and Associate of Applied Science (AAS). Non-degree programs lead to a Certificate (C), Certificate of Completion (C), or Diploma (D). BMCC is continually striving to meet the needs of our students, our communities, and our nation. In an effort to meet identified needs, curricula are added as needed. If you do not see a particular program of study or curriculum that meets your needs, visit [www.BMCC.edu](http://www.BMCC.edu) to check for updates. Supplements to this catalogue will be published as required.

### **Bachelor of Arts and Bachelor of Science**

A bachelor's degree is an undergraduate degree that includes general education courses and courses specific to the degree choice. Graduates are equipped with the skills and knowledge necessary to perform professional work in various fields. The degree typically takes 4-5 years to complete the required 120+ hours of coursework. The most common degrees are a Bachelor of Arts and a Bachelor of Science. In adherence to the mission of BMCC, all degrees include courses specific to Native American culture and language.

### **Associate of Arts and Associate of Science**

The Associate of Arts and the Associate of Science degree programs are BMCC's basic academic transfer programs. Courses in these programs form the basis for many career options and majors and parallel those offered in the first two years at four-year baccalaureate degree institutions. Students wishing to transfer should work closely with their BMCC academic advisor and the intended transfer schools in the planning of their course of study while at BMCC. The academic curricula differ and can adversely impact ability to transfer credits unless students plan properly. Substitutions for prescribed courses may be allowed as necessary for individual students to meet specific transfer requirements. All candidates for an AA or AS degree must successfully complete a minimum of 62 semester credits. If prerequisite courses need to be taken prior to required courses, students should expect to spend additional time for program completion.

### **Associate of Applied Science**

Curricula leading to AAS degrees are intense programs of study designed to prepare students for employment after graduation. Degree requirements for the AAS include a minimum of general education courses, a maximum of specialized occupational courses, and both designated and open electives. The concept of "career concentration" has been followed in the design of each program. Students become involved with career oriented courses during their first semester. This involvement continues throughout the time spent with BMCC. All candidates for an AAS degree must successfully complete a minimum of 62 semester credits. Although the AAS degree is designed primarily for employment preparation, many of the courses in these degree programs can transfer to four-year colleges or universities. Students should consult with their faculty advisors if interested in transfer information.

### **Certificate and Certificate of Completion**

Certificate programs at BMCC are designed to provide opportunities to develop skills in areas that would lead to employment. Specialized and technological certificates are available to meet the needs of business and industry. Some certificates may also lead to a degree program. Students should consult with an academic advisor to determine eligibility for continuation in an associate program. Other certificate programs to meet the specialized needs of business or industry are offered periodically.



<b><u>Bachelor of Arts</u></b>	Early Childhood Education
<b><u>Bachelor of Science</u></b>	Business Administration Computer Information Systems
<b><u>Associate of Applied Science</u></b>	Computer Information Systems Computer Science – Web Development Construction Technology Office Administration Paramedic
<b><u>Associate of Arts</u></b>	Anishinaabe Language Instruction Business Administration Criminal Justice – Corrections Emphasis Early Childhood Education Education Health & Fitness Liberal Arts Native American Studies Social Science
<b><u>Associate of Science</u></b>	General Science Health Science
<b><u>Certificates</u></b>	General Studies – Michigan Transfer Agreement (MTA) Health Science Medical Office Natural Science
<b><u>Certificates of Completion</u></b>	Anishinabemtaage Construction Technology Corrections Early Childhood Education Emergency Medical Technician – Basic Emergency Medical Technician – Specialist/Advanced Medical Coding & Billing Nurse Aide Training Paramedic
<b><u>Diploma</u></b>	Anishinaabemowin Pane Immersion Program

# **BACHELOR OF ARTS**

## **EARLY CHILDHOOD EDUCATION**

Instruction delivered online

This is a four year program delivered online that leads to a bachelor's degree in early childhood education. It is for students who are interested in working with young children age birth to eight years and their families. Students will acquire an understanding of developmental patterns for children birth to eight years in such areas as appropriate to learning, social and emotional development, language and literacy, cognition, perceptual, motor, and physical development. Students will also acquire knowledge in parent engagement and the necessary skills required to administer an early childhood program. Preparing teachers, family service personnel, education managers, and administrators of Indian Head Start facilities nationwide is the primary focus of this program. A secondary focus is imparting an understanding of Native American culture as it applies to children in early childhood programs. Instruction delivered online.

### ***YEAR ONE***

<b>FALL SEMESTER</b>		<u>Credits</u>	<b>SPRING SEMESTER</b>		<u>Credits</u>
CS***	Computer Science Elective	3-4	EC117	Health, Safety, & Nutrition for EC	3
EC***	Designated Elect.: EC101 or EC107	4	EN112	Content Area Composition & Research	4
EN111	College Composition	4	NA***	Native Studies Elect:NA123 or NA125	4
ES101	Fitness & Wellness	2	NA113	Native American Awareness	1
*****	Approved Elective	<u>2-4</u>	*****	Approved Elective	<u>3-4</u>
<b>TOTAL</b>		15-18	<b>TOTAL</b>		15-16

### ***YEAR TWO***

<b>FALL SEMESTER</b>		<u>Credits</u>	<b>SPRING SEMESTER</b>		<u>Credits</u>
EC212	Child Development	4	EC200	Social/Emotional Needs of Children	3
EC217	Emergent Literacy	3	EC216	Curriculum Development	3
EC218	Developing Family Partnerships	4	EC219	Inclusion of Special Needs	3
SO213	Comm./Conflict Resolution	3		Preschoolers in EC Programs	
*****	Comm. Elective: EN107 or NL105	<u>3-4</u>	MA***	Math Elective:MA113, MA114 or MA116	4
			*****	Science Elective w/Lab	<u>4</u>
<b>TOTAL</b>		17-18	<b>TOTAL</b>		17

### ***YEAR THREE***

<b>FALL SEMESTER</b>		<u>Credits</u>	<b>SPRING SEMESTER</b>		<u>Credits</u>
EC305	Managing the Environment for Developing & Learning	4	EC320	Observation and Assessment	4
EC310	Challenging Behaviors in EC	4	EC330	Admin. of ECE Programs	4
NA122	Native American Art Appreciation	3	ED220	Integrating Tech. in the Classroom	3
PY101	Intro. to Psychology	<u>4</u>	SO209	Family Systems	<u>3</u>
<b>TOTAL</b>		15	<b>TOTAL</b>		14

### ***YEAR FOUR***

<b>FALL SEMESTER</b>		<u>Credits</u>	<b>SPRING SEMESTER</b>		<u>Credits</u>
EC410	Internship I	4	EC415	Internship II	4
EC430	Creating Data Reports for ECE	4	EC425	STEM for Early Childhood	4
PY405	Psych.of Childhood Trauma/Recovery	3	EC440	Senior Capstone	<u>5</u>
*****	Approved Elective	<u>3-4</u>			
<b>TOTAL</b>		14-15	<b>TOTAL</b>		13

**Required credits for this curriculum = 120-123**

Approved Electives: EC101 Introduction to Early Childhood Education, 4 CR  
 EC107 Competencies & Best Practices in Children & Family Programs I (CDA I), 4 CR  
 EC108 Competencies & Best Practices in Children & Family Programs II (CDA II), 4 CR  
 EC223 Infant-Toddler Development, 3 CR  
 ED105 First Year Experience, 2 CR  
 ED201 Introduction to Education and Student Diversity, 4 CR  
 ED255 Children's Literature for Grades K through 8, 3 CR  
 BU206 Principles of Management, 3 CR

# **BACHELOR OF SCIENCE BUSINESS ADMINISTRATION**

Instruction delivered online

This Bachelor of Science in Business Administration program is a four year program delivered online. It prepares students for management roles in a variety of business, nonprofit, and tribal entities. Students will gain a well-rounded and solid foundation in the core business concepts of finance, marketing, and administration. The program provides students with the opportunity to better understand economics, entrepreneurship, and enterprise systems as they relate to Tribal and non-Tribal communities.

## **YEAR ONE**

<b>FALL SEMESTER</b>		<u>Credits</u>	<b>SPRING SEMESTER</b>		<u>Credits</u>
AC131	Accounting I	4	AC132	Accounting II	4
BU113	Introduction to Business	3	BU108	Macroeconomics	3
CS***	Computer Science Elective	3-4	EN112	Content Area Comp. & Research	4
EN111	College Composition	4	ES101	Fitness & Wellness	2
*****	Approved Elective	<u>2-4</u>	NA113	Native American Awareness	<u>1</u>
<b>TOTAL</b>		16-19	<b>TOTAL</b>		14

## **YEAR TWO**

<b>FALL SEMESTER</b>		<u>Credits</u>	<b>SPRING SEMESTER</b>		<u>Credits</u>
BU109	Microeconomics	3	BU193	Business Comm. & Writing Skills	3
BU209	Marketing	3	BU204	Business Law	3
NA***	Native Studies Elect: NA123 or NA125	4	BU206	Principles of Management	3
*****	Comm. Elect: EN107 or NL105	3-4	MA***	Math Elective: MA113, MA114, or MA116	4
*****	Designated Elect: PY101 or SO106	<u>4</u>	*****	Science Elective w/Lab	<u>4</u>
<b>TOTAL</b>		17-18	<b>TOTAL</b>		17

## **YEAR THREE**

<b>FALL SEMESTER</b>		<u>Credits</u>	<b>SPRING SEMESTER</b>		<u>Credits</u>
AC305	Government & Non-Profit Acctg	4	AC325	Financial Management	4
BU201	Introduction to Grants	3	BU301	Grants Management	3
NA219	Tribal Govt. & Economic Issues	3	MA206	Statistical Methods	4
OE216	Spreadsheet Design & Mgmt	<u>4</u>	NA305	Tribal Law	3
			*****	Approved Elective	<u>3</u>
<b>TOTAL</b>		14	<b>TOTAL</b>		17

## **YEAR FOUR**

<b>FALL SEMESTER</b>		<u>Credits</u>	<b>SPRING SEMESTER</b>		<u>Credits</u>
BU405	Tourism & Hospitality Management	4	BU420	Business Ethics & Cultural Values	3
BU411	Advertising & Public Relations	4	BU425	International Business	3
CS***	CS Elective: CS204, CS205, CS207, or CS221	3-4	BU430	Human Resource Management	4
SO203	Interpersonal/Intercultural Relations for Managers	<u>3</u>	BU440	Senior Capstone	<u>4</u>
<b>TOTAL</b>		14-15	<b>TOTAL</b>		14

**Required credits for this curriculum = 123-128**

Approved Electives:

AC105 QuickBooks for Small Business, 3 CR

BU205 Entrepreneurship: Intro. to Small Business, 3 CR

BU215 Personal Finance, 3 CR

BU320 Business of Gaming Industry, 3 CR

CS133 Graphic Design I, 4 CR

CS204 Web Page Design, 3 CR

ED105 First Year Experience, 2 CR

SO213 Communication and Conflict Resolution, 3 CR

# ***BACHELOR OF SCIENCE***

## **COMPUTER INFORMATION SYSTEMS**

Instruction delivered online

The Bachelor of Science: Computer Information Systems is a four-year, online program that will provide students with an enhanced knowledge of Information Systems, System Administration, Devops, and other Information Technology disciplines. Graduates are qualified to work in an array of fields ranging from programmers to networking architects whether it be in public sector or private.

### ***YEAR ONE***

<b>FALL SEMESTER</b>		<u>Credits</u>	<b>SPRING SEMESTER</b>		<u>Credits</u>
CS***	Computer Science Elective	3-4	CS146	Advanced Computer Hardware	4
CS144	Computer Hardware Systems	4	CS207	Computer Security	3
EN111	College Composition	4	CS227	Networking Technologies	4
ES101	Fitness & Wellness	2	EN112	Content Area Comp.& Research	<u>4</u>
NA113	Native American Awareness	<u>1</u>			
TOTAL		14-15	TOTAL		15

### ***YEAR TWO***

<b>FALL SEMESTER</b>		<u>Credits</u>	<b>SPRING SEMESTER</b>		<u>Credits</u>
CS204	Web Page Design	3	CS221	Computer Programming	4
CS225	Microsoft Desktop Operating Systems	3	CS222	Advanced Operating Systems	4
CS231	Linux Administration	4	CS233	Advanced Routing	4
CS232	Introduction to Routing	4	CS271	Cooperative Education	<u>5</u>
MA***	Math Elective	<u>4</u>			
	MA113, MA114, MA116, or MA206				
TOTAL		18	TOTAL		17

### ***YEAR THREE***

<b>FALL SEMESTER</b>		<u>Credits</u>	<b>SPRING SEMESTER</b>		<u>Credits</u>
CS205	Database Management	3	CS310	Introduction to the Internet of Things	3
CS320	Configuration/Automation Mgmt	3	CS340	Advanced Database Management	3
CS330	Introduction to Data Structures	3	CS345	Introduction to Application Programming	3
MA118	Analytic Trigonometry	4		Interfaces (APIs)	
NA***	Native Studies Elective	<u>4</u>	*****	Comm. Elect.: EN107 or NL105	3-4
	NA123 or NA125		*****	Science Elective w/Lab	<u>4</u>
TOTAL		17	TOTAL		16-17

### ***YEAR FOUR***

<b>FALL SEMESTER</b>		<u>Credits</u>	<b>SPRING SEMESTER</b>		<u>Credits</u>
CS410	Virtualization Infrastructure	4	CS420	Cloud Computing Technologies	3
CS430	Security Systems & Data Storage	4	CS445	Computer Vision	4
CS435	Artificial Intelligence (AI)	4	CS490	Senior Project	4
*****	Comm. Elect.: BU193 or EN219	<u>3-4</u>	*****	Social Science Elective	<u>3-4</u>
TOTAL		15-16	TOTAL		14-15

**Required credits for this curriculum = 126-130**

## ***ASSOCIATE OF APPLIED SCIENCE*** **COMPUTER INFORMATION SYSTEMS**

Students who graduate with a Computer Information Systems degree will possess the skills necessary to install and manage computer networks, configure and administrate servers, and provide software support. Computer hardware and network courses are based on certification-level instructional materials, computer security, web page design, and office suite software is included.

### ***YEAR ONE***

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>				
			<u>Credits</u>				<u>Credits</u>
CS***	Computer Science Elective	3-4	CS146	Advanced Computer Hardware	4		
CS144	Computer Hardware Systems	4	CS207	Computer Security	3		
EN111	College Composition	4	CS227	Networking Technologies	4		
ES101	Fitness & Wellness	2	EN112	Content Area Comp.& Research	<u>4</u>		
NA113	Native American Awareness	<u>1</u>					
<b>TOTAL</b>			<b>14-15</b>	<b>TOTAL</b>			<b>15</b>

### ***YEAR TWO***

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>				
			<u>Credits</u>				<u>Credits</u>
CS204	Web Page Design	3	CS221	Computer Programming	4		
CS225	Microsoft Desktop Operating Systems	3	CS222	Advanced Operating Systems	4		
CS231	Linux Administration	4	CS233	Advanced Routing	4		
CS232	Introduction to Routing	4	CS271	Cooperative Education	<u>5</u>		
MA***	Math Elective	4					
	MA113, MA114, MA116, or MA206	<u>4</u>					
<b>TOTAL</b>			<b>18</b>	<b>TOTAL</b>			<b>17</b>

**Required credits for this curriculum = 64-65**

# **ASSOCIATE OF APPLIED SCIENCE COMPUTER SCIENCE - WEB DEVELOPMENT**

Degree offered Online & On-Campus

Students who graduate with a Web Development degree will possess the skills necessary to design, manage, and maintain a multitude of web technologies. Students will gain the skills necessary to interact with clients in a professional environment. Students will be equipped with the necessary skills to stay current in the modern web era.

## ***YEAR ONE***

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>				
			<u>Credits</u>				<u>Credits</u>
CS***	Computer Science Elective	3-4	BU193	Business Comm.& Writing Skills	3		
CS133	Graphic Design I	4	CS134	UX/UI Design	4		
CS204	Web Page Design	3	CS205	Database Management	3		
EN111	College Composition	4	CS221	Computer Programming	4		
NA113	Native American Awareness	1	CS231	Linux Administration	<u>4</u>		
<b>TOTAL</b>			15-16	<b>TOTAL</b>			18

## ***YEAR TWO***

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>				
			<u>Credits</u>				<u>Credits</u>
BU113	Introduction to Business	3	CS230	Web Server Administration	4		
CS220	Web Programming	3	CS234	Mobile App Development	4		
CS227	Network Technologies	4	CS270	Web Development Capstone	5		
ES101	Fitness & Wellness	2	*****	Elective	<u>3</u>		
MA***	Math Elective	<u>4</u>					
	MA113, MA114, MA116, or MA206						
<b>TOTAL</b>			16	<b>TOTAL</b>			<u>16</u>

**Required credits for this curriculum = 65-66**

## **ASSOCIATE OF APPLIED SCIENCE CONSTRUCTION TECHNOLOGY**

Upon successful completion, students will possess the skills necessary to construct homes and other residential buildings. Central areas to be studied will include blueprint reading, foundations, framework, exterior openings, exterior and interior finishes. Specialty subjects such as electrical, plumbing, heating and cooling will be based on the Michigan Residential Code guidelines. Graduated students will be able to use their skills and experience to obtain a career in residential construction.

### ***YEAR ONE***

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>				
			<u>Credits</u>				<u>Credits</u>
CS121	Principles of Microsoft Office	4	CT113	Construction III: Interior Wall Finish			5
CT111	Construction I: Intro. to Construction	5	CT114	Construction IV: Finish Carpentry			5
CT112	Construction II: Framing and Exterior Finish	<u>5</u>	CT122	Principles of Blueprinting			3
			MA108	Construction Tech Math			<u>3</u>
<b>TOTAL</b>		<b>14</b>	<b>TOTAL</b>				<b>16</b>

### ***YEAR TWO***

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>				
			<u>Credits</u>				<u>Credits</u>
CT202	Material Estimating	3	CT208	Construction VI: Concrete & Foundation			4
CT207	Construction V: Site Construction	4	CT232	Residential Utilities			3
CT233	Principles of Workforce Leadership	5	CT234	Legal Aspects of Construction			1
EN111	College Composition	4	ES101	Fitness & Wellness			2
NA113	Native American Awareness	<u>1</u>	*****	Comm. Elective			3-4
			*****	BU193, EN107, or NL105			
			*****	Undesignated Elective			<u>3-4</u>
<b>TOTAL</b>		<b>17</b>	<b>TOTAL</b>				<b>16-18</b>

**Required credits for this curriculum = 63-65**

## **ASSOCIATE OF APPLIED SCIENCE OFFICE ADMINISTRATION**

The Office Administration program is designed to provide students with the basic knowledge, skills, and competencies required for employment in an office environment. Integration of software and business applications are covered with a capstone course designed to continue training in a student's field of study through work experience. Along with this, the Medical Office Certificate and Medical Coding & Billing Certificate of Completion can be obtained through electives within the program or separately.

### **YEAR ONE**

<b>FALL SEMESTER</b>		<u>Credits</u>	<b>SPRING SEMESTER</b>		<u>Credits</u>
CS121	Principles of Microsoft Office	4	AC***	Accounting Elective:	3-4
BU113	Introduction to Business	3		AC104, AC105, or AC131	
EN111	College Composition	4	OE128	Word Processing	4
ES101	Fitness & Wellness	2	EN112	Content Area Comp. & Research	4
OE***	Office Elective:	<u>3</u>	NA113	Native American Awareness	1
	OE101 Intro. to Medical Office		*****	Approved Elective	<u>3-4</u>
	OE121 Office Procedures				
<b>TOTAL</b>		<b>16</b>	<b>TOTAL</b>		<b>15-17</b>

### **YEAR TWO**

<b>FALL SEMESTER</b>		<u>Credits</u>	<b>SPRING SEMESTER</b>		<u>Credits</u>
OE216	Spreadsheet Design & Mgmt	4	BU193	Business Comm. & Writing Skills	3
MA***	Math Elect.: MA113 or MA114	4	BU206	Principles of Management	3
SO***	Sociology Elect.: SO203 or SO213	3	CS207	Computer Security	3
*****	Approved Electives	<u>6-7</u>	OE203	Integrated Office	3
			OE261	Cooperative Education	<u>3</u>
<b>TOTAL</b>		<b>17-18</b>	<b>TOTAL</b>		<b>15</b>

**Required credits for this curriculum = 63-66**

Approved Electives: AC104 Payroll Accounting, 3 CR  
 AC105 Quickbooks for Small Business, 3 CR  
 AC131 Accounting I, 4 CR  
 AC132 Accounting II, 4 CR  
 BU201 Introduction to Grants, 3 CR  
 BU204 Business Law, 3 CR  
 BU205 Entrepreneurship: Introduction to Small Business, 3 CR  
 BU209 Marketing, 3 CR  
 CS133 Graphic Design I, 4 CR  
 CS204 Web Page Design, 3CR  
 CS205 Database Management, 3 CR  
 CS215 Desktop Publishing, 4 CR  
 OE114 Pharmacy Technician, 3 CR  
 OE123 Medical Coding & Billing I, 4 CR  
 OE124 Medical Coding & Billing II, 3 CR  
 SI112 Medical Terminology, 3 CR



# **ASSOCIATE OF APPLIED SCIENCE PARAMEDIC**

This Associate of Applied Science program prepares the EMT Basic for the highest level of emergency medicine. The program will prepare competent entry-level Emergency Medical Technician-Paramedics in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains. The student will learn advanced techniques of administering care to patients in life-threatening situations and to reduce disability. It will also teach the students to recognize signs and symptoms of most life threatening illnesses and injuries, and to effectively manage them. Students will learn fundamentals of cardiology, pharmacology, and special patient care in a pre-hospital setting. EMT-Paramedics are employed by advance life support ambulances, emergency departments, critical care units of hospitals, tactical teams, industrial medicine, and sports medicine groups. State licenses are required. The student is required to perform 250 clinical hours along with 250 internship hours in emergency departments and ambulance services. To enter the program students must possess or have pending status an EMT License, or permission of Program Director. Students must either place into MA113 or MA114, or enroll in MA105/MA113/MA114 with required corequisite.

## **YEAR ONE**

<b>SEMESTER I</b>			<b>SEMESTER II</b>		
		<u>Credits</u>			<u>Credits</u>
BI107	Human Biology w/Lab	4	CS121	Principles of Microsoft Office	4
HL130	Pharmacology I	2	HL131	Pharmacology II	2
HL134	Cardiology I	2	HL135	Cardiology II	2
HL140	Advanced Emergency Care I	4	HL141	Advanced Emergency Care II	4
HL146	Advanced Skills & Situations I w/Lab	4	HL147	Advanced Skills & Situations II	4
NA113	Native American Awareness	<u>1</u>		w/Lab	
			HL150	Clinical Experience I	<u>2</u>
	<b>TOTAL</b>	<b>17</b>		<b>TOTAL</b>	<b>18</b>

## **YEAR TWO**

<b>SEMESTER III</b>			<b>SEMESTER IV</b>		
		<u>Credits</u>			<u>Credits</u>
EN111	College Composition	4	HL153	Clinical Experience III	2
HL151	Clinical Experience II	2	HL213	Pharmacology IV	1
HL212	Pharmacology III	1	HL217	Cardiology IV	1
HL216	Cardiology III	1	HL221	Advanced Emergency Care IV	4
HL220	Advanced Emergency Care III	4	HL227	Advanced Skills & Situations IV	4
HL226	Advanced Skills & Situations III	4		w/Lab	
			HL235	Care of Special Patients	2
HL234	Paramedic Operations	<u>2</u>	*****	Communication Elect.	<u>3-4</u>
				EN107, EN112, BU193, NL105	
	<b>TOTAL</b>	<b>18</b>		<b>TOTAL</b>	<b>17-18</b>

### **SEMESTER V**

		<u>Credits</u>
ES101	Fitness & Wellness	2
HL240	Paramedic Capstone Preparation	5
HL255	Capstone Field Internship (w/clinical exp)	4
	<b>TOTAL</b>	<b>11</b>

**Required credits for this curriculum = 81-82**

**Students are required to earn a grade of 2.7 or higher in all HL courses in this program.**

## **ASSOCIATE OF ARTS ANISHINAABE LANGUAGE INSTRUCTION**

The Anishinaabe Language Instruction program is designed to encourage and promote the understanding and preservation of the Anishinaabe language and prepare the student to function as a language instructor. It is also designed to enhance students' cultural awareness and offer the opportunity to develop a functional command of the Anishinaabe language, which can be further expanded through additional study or through contact with other speakers of the language. Students will gain an understanding of the structure of the language, learn pedagogical principles and methods for teaching Anishinaabemowin.

### **YEAR ONE**

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>				
			<u>Credits</u>				<u>Credits</u>
CS***	Computer Science Elective	4	EN112	Content Area Comp.& Research			4
EN111	College Composition	4	NA113	Native American Awareness			1
NL105	Ojibwe Language I	4	NL106	Ojibwe Language II			4
NP141	Basic Immersion I	<u>6</u>	NP142	Basic Immersion II			6
			*****	Science Elective			<u>3-4</u>
<b>TOTAL</b>			18	<b>TOTAL</b>			18-19

### **SUMMER SEMESTER**

		<u>Credits</u>
NA***	Native American Studies Elective	4
	NA123 N.A. Contributions to Society or NA125 Hist.& Org. of MI Indian Tribes	
NP143	Basic Immersion III	<u>6</u>
<b>TOTAL</b>		10

### **YEAR TWO**

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>				
			<u>Credits</u>				<u>Credits</u>
ED201	Intro.to Education & Student Diversity	4	ES101	Fitness & Wellness			2
NA213	Contemporary N.A. Issues	3	MA***	Math Elective			4
NP151	Introduction to Immersion I	6	MA113, MA116, or MA206				
*****	Science Elective w/Lab	<u>4</u>	NL209	Anishinaabe Language Teaching Methods			3
			NP152	Introduction to Immersion II			<u>6</u>
<b>TOTAL</b>			17	<b>TOTAL</b>			15

**Required credits for this curriculum = 78-79**

# **ASSOCIATE OF ARTS**

## **BUSINESS ADMINISTRATION**

Degree offered online & on campus

This degree is designed to provide students with a foundation for careers in private or tribal enterprises as well as in a wide variety of government agencies. Students are also prepared to continue their education at four-year institutions in such programs as Business Administration, General Business, Management, Marketing, Accounting, and Office Information Systems. Students considering transferring to earn a bachelor's degree should consult with an advisor before selecting electives.

### **YEAR ONE**

<b>FALL SEMESTER</b>		<u>Credits</u>	<b>SPRING SEMESTER</b>		<u>Credits</u>
AC131	Accounting I	4	AC132	Accounting II	4
BU113	Introduction to Business	3	BU108	Macroeconomics	3
CS***	Computer Science Elective	3-4	EN112	Content Area Comp.& Research	4
EN111	College Composition	4	ES101	Fitness & Wellness	2
*****	Approved Elective	<u>2-4</u>	NA113	Native American Awareness	<u>1</u>
<b>TOTAL</b>		<b>16-19</b>	<b>TOTAL</b>		<b>14</b>

### **YEAR TWO**

<b>FALL SEMESTER</b>		<u>Credits</u>	<b>SPRING SEMESTER</b>		<u>Credits</u>
BU109	Microeconomics	3	BU204	Business Law	3
BU193	Business Comm. & Writing Skills	3	BU206	Principles of Management	3
NA***	Native Studies Elective	4	BU209	Marketing	3
	NA123 or NA125		MA***	Math Elective	4
*****	Comm. Elect.: EN107 or NL105	3-4		MA113, MA114, or MA116	
*****	Designated Elect.: PY101 or SO106	<u>4</u>	*****	Science Elective w/Lab	<u>4</u>
<b>TOTAL</b>		<b>17-18</b>	<b>TOTAL</b>		<b>17</b>

**Required credits for this curriculum = 64-68**

Approved Electives:

AC105 QuickBooks for Small Business, 3 CR  
 BU205 Entrepreneurship: Intro.to Small Business, 3 CR  
 BU215 Personal Finance, 3 CR  
 BU320 Business of Gaming Industry, 3 CR

CS133 Graphic Design I, 4 CR  
 CS204 Web Page Design, 3 CR  
 ED105 First Year Experience, 2 CR  
 SO213 Communication & Conflict Resolution, 3 CR

Students seeking the Michigan Transfer Agreement Seal for transferability should select MA113 or MA116 for the mathematics elective, select NL105 for the communication elective, and complete a second science course.

## **ASSOCIATE OF ARTS CRIMINAL JUSTICE CORRECTIONS EMPHASIS**

This curriculum is designed to prepare students for various positions in correctional agencies at the local, state, and federal levels. The program includes a combination of theoretical, practical, and supportive courses. Courses included in this program would allow an individual to qualify for the 15 semester credits mandated by the State of Michigan for employment as a Corrections Officer in the Michigan Department of Corrections. The correctional and general education courses are transferable to many four year university programs.

### **YEAR ONE**

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>		
		<u>Credits</u>			<u>Credits</u>
CJ101	Introduction to Corrections*	3	CJ212	Institutional Corrections*	3
CJ112	Client Relations in Corrections*	3	CJ215	Corrections Client Growth & Dev.*	3
CS***	Computer Science Elective	3-4	CJ221	Correctional Law*	3
ES101	Fitness & Wellness	2	EN112	Content Area Comp. & Research	4
EN111	College Composition	4	NA***	Native Studies Elective	<u>4</u>
NA113	Native American Awareness	<u>1</u>	NA123 or NA125		
<b>TOTAL</b>		<b>16-17</b>	<b>TOTAL</b>		<b>17</b>

### **YEAR TWO**

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>		
		<u>Credits</u>			<u>Credits</u>
CJ201	Introduction to Criminal Justice	3	PY205	Abnormal Psychology	3
EN107	Public Speaking	3	SO106	Introduction to Sociology	4
PY101	Introduction to Psychology	4	MA***	Math Elective	4
*****	Humanities Elective	3	MA113, MA114, or MA116		
*****	Science Elective w/Lab	<u>4</u>	*****	Science Elective w/Lab	<u>4</u>
<b>TOTAL</b>		<b>17</b>	<b>TOTAL</b>		<b>15</b>

**Required credits for this curriculum = 65-66**

\*Correction Officer Certificate Courses

Students seeking the Michigan Transfer Agreement Seal for transferability should select MA113 or MA116 for the mathematics elective.

**ASSOCIATE OF ARTS**  
**EARLY CHILDHOOD EDUCATION**  
 Instruction delivered online

This is a two year program delivered online that leads to an associate degree in early childhood education. It is for students who are interested in working with young children age birth to eight and their families. Students will acquire an understanding of developmental patterns for children age birth to eight in such areas as cognition, emotion, social interaction, and physical growth. Students will also acquire knowledge in parent engagement and the necessary skills required to administer an early childhood program. Preparing Assistant Teachers of Indian Head Start facilities nationwide is the primary focus of this program. A secondary focus is imparting an understanding of Native American culture as it applies to children in early childhood programs.

**YEAR ONE**

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>				
			<u>Credits</u>				<u>Credits</u>
CS***	Computer Science Elective	3-4	EC117	Health, Safety, & Nutrition for		3	
EC***	Designated Elective	4		Early Childhood			
	EC101 Intro. to ECE		EN112	Content Area Comp.& Research		4	
	EC107 CDA I		NA***	Native Studies Elective		4	
EN111	College Composition	4		NA123 or NA125			
ES101	Fitness & Wellness	2	NA113	Native American Awareness		1	
*****	Approved Elective	<u>2-4</u>	*****	Approved Elective		<u>3-4</u>	
<b>TOTAL</b>		<b>15-18</b>	<b>TOTAL</b>			<b>15-16</b>	

**YEAR TWO**

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>				
			<u>Credits</u>				<u>Credits</u>
EC212	Child Development	4	EC200	Social & Emotional Needs		3	
EC217	Emergent Literacy	3		of Children			
EC218	Developing Family Partnerships	4	EC216	Curriculum Development		3	
SO213	Communication/Conflict	3	EC219	Inclusion of Special Needs		3	
	Resolution			Preschoolers in EC Programs			
*****	Comm. Elect.: EN107 or NL105	<u>3-4</u>	MA***	Math Elective:		4	
			*****	MA113, MA114, or MA116			
				Science Elective w/Lab		<u>4</u>	
<b>TOTAL</b>		<b>17-18</b>	<b>TOTAL</b>			<b>17</b>	

**Required credits for this curriculum = 64-69**

Approved Electives: EC101 Introduction to Early Childhood Education, 4 CR  
 EC107 Competencies & Best Practices in Children & Family Programs I (CDA I), 4 CR  
 EC108 Competencies & Best Practices in Children & Family Programs II (CDA II), 4 CR  
 ED105 First Year Experience, 2 CR  
 EC223 Infant-Toddler Development, 3 CR  
 ED201 Introduction to Education and Student Diversity, 4 CR  
 ED255 Children's Literature for Grades K through 8, 3 CR  
 BU206 Principles of Management, 3 CR

Students seeking the Michigan Transfer Agreement Seal for transferability should select MA113 or MA116 for the mathematics elective and complete a second science course.

## **ASSOCIATE OF ARTS EDUCATION**

This program is designed to provide students at Bay Mills Community College with a course of study that will prepare them for employment as qualified paraprofessionals or for transfer to a four-year university to complete a baccalaureate degree in Education. Students who wish to transfer to another institution to pursue education beyond an associate degree should work closely with an advisor to determine course selection and to investigate the transferability of courses. In a manner consistent with the mission of the college, students are provided with a foundation of core liberal arts and education courses as well as sufficient electives to meet individual career and transfer plans.

### **YEAR ONE**

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>				
			<u>Credits</u>				<u>Credits</u>
CS***	Computer Science Elective	4	EN112	Content Area Comp. & Research	4		
ED201	Introduction to Education and Student Diversity	4	NA***	Native Studies Elective NA123 or NA125	4		
EN111	College Composition	4	*****	Concentration Electives	<u>8</u>		
NA113	Native American Awareness	1					
*****	Concentration Elective	<u>3-4</u>					
<b>TOTAL</b>		16-17				<b>TOTAL</b>	16

### **YEAR TWO**

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>				
			<u>Credits</u>				<u>Credits</u>
ED220	Integrating Tech.in the Classroom	3	EN107	Public Speaking	3		
EN256	Advanced Comp. & Research	4	ES101	Fitness & Wellness	2		
MA***	Math Elective	4	HS***	History Elective	3-4		
	MA116 College Algebra			HS202 Michigan History			
	MA206 Statistical Methods			HS105 American History			
*****	Science Elective w/Lab	<u>4</u>	*****	Science Elective	4		
			*****	Concentration Elective	<u>3-4</u>		
<b>TOTAL</b>		15				<b>TOTAL</b>	15-17

**Required credits for this curriculum = 62-65**  
**Other requirements: Completion of MTTC Basic Skills Test**

*Many courses have corequisites and prerequisites; consult the course descriptions for more detail. Students should decide on their transfer school by the end of the second semester. Substitutions of courses are allowed only to meet specific transfer requirements and only if they maintain Michigan Transfer Agreement eligibility. Students seeking the Michigan Transfer Agreement Seal for transferability must complete two natural science courses from two disciplines. Students must work closely with the Teacher Education Coordinator/Advisor to determine selection and transferability of courses. Students are encouraged to contact the Department of Education at prospective transfer schools to confirm transfer plans.*

## **ASSOCIATE OF ARTS HEALTH & FITNESS**

This curriculum is designed to provide students with the opportunity to acquire the skills, knowledge, and competencies for the field of exercise science. Students will have a wide variety of entry level career opportunities in such areas as athletic trainer assistant, rehabilitation specialist assistant, sport/fitness program director, personal fitness trainer, aerobics instructor, coach, health club specialist, and other fields of interest.

### **YEAR ONE**

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>				
			<u>Credits</u>				<u>Credits</u>
CS***	Computer Science Elective	4	EN112	Content Area Comp.& Research	4		
EN111	College Composition	4	ES101	Fitness & Wellness	2		
ES105	Sociology of Sports	4	ES113	Sports Nutrition	3		
NA113	Native American Awareness	1	MA***	Math Elective	4		
*****	Approved Science Elective	<u>4</u>		MA113, MA114, MA116, or MA206			
			NA***	Native Studies Elective	<u>4</u>		
				NA123 or NA125			
<b>TOTAL</b>			<b>17</b>	<b>TOTAL</b>			<b>17</b>

### **YEAR TWO**

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>				
			<u>Credits</u>				<u>Credits</u>
ES111	Physical Rehabilitation & Modalities	3	ES109	Conditioning & Strength in Training	4		
ES204	Care & Prevention of Sports Injuries	4	ES208	Exercise Physiology	4		
ES205	Sports Management	4	ES221	Capstone in Health & Fitness	3		
EN107	Public Speaking	3	*****	Approved Science Elective	<u>4</u>		
*****	Humanities Elective	<u>3-4</u>					
<b>TOTAL</b>			<b>17-18</b>	<b>TOTAL</b>			<b>15</b>

**Required credits for this curriculum = 66-67**

#### Approved Science Electives

- BI101 Introduction to Biology, 4 CR
- BI107 Human Biology, 4 CR
- BI221 Anatomy & Physiology I, 4 CR
- BI222 Anatomy & Physiology II, 4 CR
- CH104 Introduction to Chemistry, 4 CR

Students seeking the Michigan Transfer Agreement Seal for transferability should select MA113, MA116, or MA206 for the mathematics elective, choose two different academic disciplines for the science electives.

# **ASSOCIATE OF ARTS LIBERAL ARTS**

Degree offered online & on campus

This curriculum is primarily designed for students who wish to transfer to another institution to pursue education beyond an associate degree. All students wishing to transfer should work closely with an advisor to determine course selection and should investigate the transferability of courses. This program meets the Michigan Transfer Agreement requirements. Substitutions for prescribed courses may be allowed as necessary for students to meet specific transfer requirements.

## **YEAR ONE**

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>				
			<u>Credits</u>				<u>Credits</u>
CS121	Princ. of Microsoft Office	4	EN112	Content Area Comp. & Research			4
EN111	College Composition	4	*****	Science Elective w/Lab			4
ES101	Fitness & Wellness	2	*****	Social Science Elective			4
NA113	Native American Awareness	1		PY101 or SO106			
*****	Concentration Elective	<u>3-4</u>	*****	Concentration Elective			<u>3</u>
<b>TOTAL</b>			<b>14-15</b>	<b>TOTAL</b>			<b>15</b>

## **YEAR TWO**

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>				
			<u>Credits</u>				<u>Credits</u>
MA***	Math Elect.: MA116 or MA206	4	LA219	Liberal Arts Capstone Seminar			3
*****	Comm. Elect.: EN107 or NL105	3-4	NA***	Native Studies Elective			4
*****	Comm. Elect.:	3-4		NA123 or NA125			
	BU193, EN219, or EN256		*****	Science Elective			4
*****	NA/Humanities Elective	3-4	*****	Social Science Elective			3-4
*****	Concentration Elective	<u>3</u>	*****	Concentration Elective			<u>3</u>
<b>TOTAL</b>			<b>16-19</b>	<b>TOTAL</b>			<b>17-18</b>

**Required credits for this curriculum = 62-67**

\* The Michigan Transfer Agreement (MTA) is recommended for the attainment of this degree. Students seeking the MTA please see pages 30-31 in the BMCC catalog or contact your advisor for assistance.

\*\* The following courses may not be used as concentration electives: ED105, EN102, EN102L, EN103, and MA105.



# **ASSOCIATE OF ARTS**

## **NATIVE AMERICAN STUDIES**

Degree offered online & on campus

Native American Studies is committed to examining and advancing our understanding of contemporary and past experiences and life ways of the first Americans from an Anishinaabe perspective. The curriculum is designed to provide a study of the Anishinaabek from a holistic and humanistic viewpoint by not only focusing upon our historical and contemporary life, but our language and culture as well. Courses are designed for both Native American and non-Native American students so they can better understand the similarities and differences within our respective societies with the goal of achieving better communications and relations.

### **YEAR ONE**

<b>FALL SEMESTER</b>		<u>Credits</u>	<b>SPRING SEMESTER</b>		<u>Credits</u>
CS***	Computer Science Elective	4	EN112	Content Area Comp. & Research	4
EN111	College Composition	4	NA***	Native Studies Elective	4
NA113	Native American Awareness	1	NA123 or NA125		
NL105	Ojibwe Language I	4	NL106	Ojibwe Language II	4
*****	Approved Elective	<u>3-4</u>	*****	Approved Elective	<u>4</u>
<b>TOTAL</b>		16-17	<b>TOTAL</b>		16

### **YEAR TWO**

<b>FALL SEMESTER</b>		<u>Credits</u>	<b>SPRING SEMESTER</b>		<u>Credits</u>
NA213	Contemporary N.A. Issues	3	ES101	Fitness & Wellness	2
*****	Designated Elective	4	MA***	Math Elective	4
	PY101 or SO106		MA113, MA114, MA116, or MA206		
*****	Science Elective w/Lab	4	NA219	Tribal Government & Econ. Issues	3
*****	Approved Elective	<u>4</u>	*****	Communication Elective	3-4
			*****	Approved Elective	<u>3-4</u>
				(minimum of a 200 level)	
<b>TOTAL</b>		15	<b>TOTAL</b>		15-17

**Required credits for this curriculum = 62-65**

Approved Electives: BU201 Introduction to Grants and Grant Management, 3 CR  
 NA110 Native Americans: Sharing Our Cultures and Traditions, 3 CR  
 NA122/HU122 Native American Art Appreciation, 3 CR  
 NA123 Native American Contributions to Society, 4 CR  
 NA125 History & Organization of Michigan Indian Tribes, 4 CR  
 NA131 Anishinaabek Legends & Oral Traditions, 3 CR  
 NA132 People and the Land/Seasonal Life Ways, 3 CR  
 NA136 Anishinaabek Clothing, Adornment & Handcrafts, 3 CR  
 NA154 Traditional Drumming & Singing I, 3 CR  
 NA225/EN225 Contemporary Native American Literature, 3 CR  
 NA305 Tribal Law, 3 CR  
 NL109 Ojibwe Language III, 3 CR  
 NP141 Basic Immersion I, 6 CR

Students seeking the Michigan Transfer Agreement Seal for transferability should select MA113, MA116, or MA206 for the mathematics elective and complete a second science course.

# **ASSOCIATE OF ARTS SOCIAL SCIENCE**

Degree offered online & on campus

This degree is designed to provide transferable credit for students planning to pursue a bachelor's degree at the university level. Students should work closely with an advisor to determine course selection and should investigate transferability of courses to their intended institution. Courses listed are required in programs such as education, psychology, sociology, anthropology, and social work.

## **YEAR ONE**

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>				
			<u>Credits</u>				<u>Credits</u>
CS***	Computer Science Elective	4	EN112	Content Area Comp.& Research			4
EN111	College Composition	4	ES101	Fitness & Wellness			2
NA113	Native American Awareness	1	PY214	Developmental Psychology			3
SO106	Introduction to Sociology	4	SO204	Social Problems			3
PY101	Introduction to Psychology	<u>4</u>	*****	Science Elective w/Lab			<u>4</u>
<b>TOTAL</b>			<b>17</b>	<b>TOTAL</b>			<b>16</b>

## **YEAR TWO**

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>					
			<u>Credits</u>				<u>Credits</u>	
NA***	Native Studies Elective	4	LA219	Liberal Arts Capstone Seminar			3	
	NA123 or NA125			MA***	Math Elective			4
*****	Comm. Elect.: EN107 or NL105	3-4		MA113, MA116, or MA206				
*****	Science Elective	4	PY205	Abnormal Psychology			3	
*****	Social Science Elective	<u>3-4</u>	SO209	Family Systems			3	
<b>TOTAL</b>			<b>14-16</b>	*****	Humanities Elective			<u>3</u>
<b>TOTAL</b>						<b>TOTAL</b>	<b>16</b>	

**Required credits for this curriculum = 63-65**

Other electives may be substituted as required by the transfer institution.

## ***ASSOCIATE OF SCIENCE*** **GENERAL SCIENCE**

This curriculum is primarily designed for students who wish to transfer to another institution to pursue education beyond an associate degree. All students wishing to transfer should work closely with an advisor to determine course selection and should investigate the transferability of courses. This program meets the Michigan Transfer Agreement requirements. Substitutions for prescribed courses may be allowed as necessary for students to meet specific transfer requirements.

### ***YEAR ONE***

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>		
		<u>Credits</u>			<u>Credits</u>
CS***	Computer Science Elective	4	EN112	Content Area Comp. & Research	4
EN111	College Composition	4	MA116	College Algebra	4
ES101	Fitness & Wellness	2	*****	Science Elective w/Lab	4
NA113	Native American Awareness	1	*****	Science Elective w/Lab	<u>4</u>
*****	Science Elective w/Lab	<u>4</u>			
<b>TOTAL</b>		<b>15</b>	<b>TOTAL</b>		<b>16</b>

### ***YEAR TWO***

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>		
		<u>Credits</u>			<u>Credits</u>
*****	Comm. Elect.: EN107 or NL105	3-4	MA***	Math Elect.: MA118 or MA206	4
*****	MTA Required Elective	3-4	NA***	Native Studies Elective	4
*****	NA/Humanities Elective	3-4		NA123 or NA125	
*****	Science Elective w/Lab	4	*****	Science Elective	4
*****	Undesignated Elective	<u>3-4</u>	SI219	Capstone Seminar	<u>3</u>
<b>TOTAL</b>		<b>16-20</b>	<b>TOTAL</b>		<b>15</b>

**Required credits for this curriculum = 62-66**

The Michigan Transfer Agreement (MTA) is recommended for the attainment of this degree. Students seeking the MTA please see pages 30-31 in the BMCC catalog or contact your advisor for assistance.

## **ASSOCIATE OF SCIENCE HEALTH SCIENCE**

This program is designed to provide a thorough foundation for continued learning and career mobility in health fields. After completion of this program, students may transfer to another institution to continue their studies in the health sciences.

### **YEAR ONE**

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>		
		<u>Credits</u>			<u>Credits</u>
CS121	Principles of Microsoft Office	4	CH104	Introduction to Chemistry	4
EN111	College Composition	4	EN112	Content Area Comp. & Research	4
ES101	Fitness & Wellness	2	MA***	Math Elect.: MA116 or MA206	4
NA113	Native American Awareness	1	*****	Approved Elective	<u>3-4</u>
*****	Science Elective w/Lab BI101 or BI107	<u>4</u>			
<b>TOTAL</b>		<b>15</b>	<b>TOTAL</b>		<b>15-16</b>

### **YEAR TWO**

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>		
		<u>Credits</u>			<u>Credits</u>
BI221	Anatomy & Physiology I	4	BI222	Anatomy & Physiology II	4
PY101	Introduction to Psychology	4	CH110	Intro. to Organic & Biochemistry	4
SO106	Introduction to Sociology	4	NA***	Native Studies Elective	4
*****	Comm. Elect.: EN107 or NL105	3-4		NA123 or NA125	
*****	NA/Humanities Elective	<u>3-4</u>	PY214	Developmental Psychology	<u>3</u>
<b>TOTAL</b>		<b>18-20</b>	<b>TOTAL</b>		<b>15</b>

### **Required credits for this curriculum = 63-66**

Approved Electives: BI110 General Biology, 4 CR  
 BI225 Clinical Microbiology, 4 CR  
 ES113 Sports Nutrition, 3 CR  
 HL116 Certified Nurse Aide Training, 6 CR  
 HL125 Emergency Medical Technician – Basic, 13 CR  
 PS112 Concepts of Physics, 4 CR  
 SI112 Medical Terminology, 3 CR  
 SI201 Concepts of Epidemiology, 4 CR

\* The Michigan Transfer Agreement (MTA) is recommended for the attainment of this degree. Students seeking the MTA please see pages 30-31 in the BMCC catalog or contact your advisor for assistance.

# ***CERTIFICATE***

## **GENERAL STUDIES - Michigan Transfer Agreement**

This certificate of completion in General Studies - Michigan Transfer Agreement provides students with the MTA stamp, which may allow easier transfer of general studies courses to other Michigan institutions. Students are advised to contact the institution to which they are planning to transfer and verify if and how that institution applies the Michigan Transfer Agreement seal.

### ***YEAR ONE***

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>		
		<u>Credits</u>			<u>Credits</u>
EN111	College Composition	4	EN112	Content Area Comp.& Research	4
MA***	Math Elective	4	*****	Humanities Elective	3
	MA113, MA116, MA118, or MA206		*****	Science Elective	4
NA113	Native American Awareness	1	*****	Social Science Elective	<u>3-4</u>
*****	Science Elective w/Lab	4			
*****	Social Science Elective	<u>3-4</u>			
	<b>TOTAL</b>	16-17		<b>TOTAL</b>	14-15

**Required credits for this curriculum = 30-32**

Students are required to earn a grade of 2.0 or higher in all courses in this certificate. Courses must be taken in more than one discipline in each of the designated area electives. See pages 30-31 of the catalog or the General Studies – MTA Advisor for assistance. Students seeking the Michigan Transfer Agreement Seal for transferability must complete two science courses from two disciplines.

## ***CERTIFICATE*** **HEALTH SCIENCE**

This certificate is designed to provide students the basic skills needed for continued studies in the health science fields. After completion of this program, students are encouraged to continue their education at Bay Mills Community College or transfer to another institution to continue their studies.

### ***YEAR ONE***

<b>FALL SEMESTER</b>		<u>Credits</u>	<b>SPRING SEMESTER</b>		<u>Credits</u>
CS***	Computer Science Elective	4	BI***	Biology Elective	4
EN111	College Composition	4		BI107, BI221, or BI222	
MA***	Math Elective	4	****	Designated Elective	4
	MA113, MA114, or MA116			CH104 or PS112	
NA113	Native American Awareness	1	*****	Approved Elective	<u>6-8</u>
*****	Designated Elective	<u>3-4</u>			
	SI112 or BI101				
<b>TOTAL</b>		16-17	<b>TOTAL</b>		14-16

**Required credits for this curriculum = 30-34**

Approved Electives: ED105 First Year Experience, 2 CR  
 EN112 Content Area: Composition and Research, 4 CR  
 EN107 Public Speaking, 3 CR  
 HL116 Certified Nurse Aide Training, 6 CR  
 PS112 Concepts of Physics, 4 CR  
 PY101 Introduction to Psychology, 4 CR  
 SO106 Introduction to Sociology, 4 CR  
 OE114 Pharmacy Technician, 3 CR

## ***CERTIFICATE*** **MEDICAL OFFICE**

This program prepares students for entry-level office positions in a medical office setting. Skills, knowledge, and competencies in business communication, medical billing, medical coding, and medical terminology are emphasized.

### ***YEAR ONE***

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>			
			<u>Credits</u>			<u>Credits</u>
AC131	Accounting I	4	BI107	Human Biology	4	
CS121	Principles of Microsoft Office	4	BU193	Business Comm. & Writing Skills	3	
EN111	College Composition	4	MA***	Math Elective	4	
OE101	Introduction to Medical Office	3		MA113, MA114, or MA116		
SI112	Medical Terminology	<u>3</u>	NA113	Native American Awareness	1	
			*****	Approved Elective	<u>3-4</u>	
<b>TOTAL</b>		<b>18</b>	<b>TOTAL</b>		<b>15-16</b>	

**Required credits for this curriculum = 33-34**

Approved Electives: OE114 Pharmacy Technician, 3 CR  
 OE121 Office Procedures, 3 CR  
 OE123 Medical Coding & Billing I, offered spring semester only, 4 CR  
 OE124 Medical Coding & Billing II, offered summer semester only, 3 CR

## ***CERTIFICATE*** **NATURAL SCIENCE**

This certificate is designed to provide the basic skills for students who want to enter degree programs and careers in natural science. Students who finish this certificate program are encouraged to complete their associate degree at Bay Mills Community College or bachelor's degree at another institution.

### ***YEAR ONE***

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>				
			<u>Credits</u>				<u>Credits</u>
BI101	Introduction to Biology	4		CH104	Introduction to Chemistry	4	
CS121	Principles of Microsoft Office	4		MA***	Math Elective	4	
EN111	College Composition	4			MA113 Quantitative Reasoning or MA114 Intermediate Algebra		
NA113	Native American Awareness	1					
NS107	Introduction to Earth Science	<u>4</u>		NS***	Natural Science Elective	4	
				*****	Undesignated Elective	<u>3-4</u>	
<b>TOTAL</b>			<b>17</b>	<b>TOTAL</b>			<b>15-17</b>

**Required credits for this curriculum = 32-34**

Many of the above courses require pre-or-corequisites. Undesignated electives must be 100 level or higher.  
Please consult the course description located at the end of this catalog.



## ***CERTIFICATE OF COMPLETION*** **ANISHINAABEMTAAGE**

This program is designed to encourage and further promote the preservation of Anishinaabemowin. Anishinaabe language learners will be in classes with fluent speakers – Anishinaabemtaagewag, and fellow learners to develop their speaking skills. The students in this program will be assessed to determine their level of Anishinaabemtage or speaking proficiency up to the Intermediate-High level using the American Council of Teachers of Foreign Languages proficiency scale.

### **REQUIRED COURSES**

NL121	Speaking Anishinaabemowin 1	1 CR
NL122	Speaking Anishinaabemowin 2	1 CR
NL123	Speaking Anishinaabemowin 3	1 CR
NL124	Speaking Anishinaabemowin 4	1 CR
NL125	Speaking Anishinaabemowin 5	1 CR
NL126	Speaking Anishinaabemowin 6	1 CR
NL127	Speaking Anishinaabemowin 7	1 CR
NL128	Speaking Anishinaabemowin 8	1 CR
NL129	Speaking Anishinaabemowin 9	1 CR
NL130	Speaking Anishinaabemowin 10	1 CR
NL131	Speaking Anishinaabemowin 11	1 CR
NL132	Speaking Anishinaabemowin 12	1 CR

**Required credits for this curriculum = 12**

The above courses require pre- or corequisites. Please consult the course descriptions located at the end of this catalog.

## ***CERTIFICATE OF COMPLETION*** **CONSTRUCTION TECHNOLOGY**

Upon successful completion, students will possess the skills necessary to construct homes and other residential buildings. Central areas to be studied will include blueprint reading, foundations, framework, exterior openings, exterior and interior finishes. Specialty subjects such as electrical, plumbing, heating and cooling will be based on the Michigan Residential Code guidelines. Graduated students will be able to use their skills and experience to obtain a career in residential construction.

### ***YEAR ONE***

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>				
			<u>Credits</u>				<u>Credits</u>
CT111	Construction I: Intro. to Construction	5		CT113	Construction III: Interior Wall Finish	5	
CT112	Construction II: Framing & Exterior Finish	5		CT114	Construction IV: Finish Carpentry	5	
CT202	Material Estimating	3		CT122	Principles of Blueprinting	3	
CT207	Construction V: Site Construction	<u>4</u>		CT208	Construction VI: Concrete & Foundation	<u>4</u>	
<b>TOTAL</b>			<b>17</b>	<b>TOTAL</b>			<b>17</b>

**Required credits for this curriculum = 34**

# ***CERTIFICATE OF COMPLETION***

## **CORRECTIONS**

This curriculum is designed to prepare students for various positions in correctional facilities at the local, state and federal levels. The program includes a combination of theoretical, practical, and supportive courses. The certificate courses approved by the Michigan Correction Officers Training Council give prospective employees higher employment consideration. Students who complete the five Corrections Officer Certificate courses will satisfy the mandate by the State of Michigan for employment as a Correction Officer in the Michigan Department of Corrections.

### ***YEAR ONE***

<b>FALL SEMESTER</b>			<b>SPRING SEMESTER</b>		
		<u>Credits</u>			<u>Credits</u>
CJ101	Introduction to Corrections	3	CJ212	Institutional Corrections	3
CJ112	Client Relations in Corrections	<u>3</u>	CJ215	Corrections Client Growth & Development	3
			CJ221	Correctional Law	<u>3</u>
<b>TOTAL</b>		<b>6</b>	<b>TOTAL</b>		<b>9</b>

**Required credits for this curriculum = 15**

Students must maintain a 2.0 GPA in all corrections courses to qualify for the certificate.

# ***CERTIFICATE OF COMPLETION*** **EARLY CHILDHOOD EDUCATION**

This curriculum is designed to prepare students for the CDA competency exam. Courses will focus on child growth and development from birth to age five, with emphasis on planning a safe, healthy, and supportive learning environment for children, including strategies in positive guidance. Hands on experience will supplement reading and study. The program will give students resource materials, and a basic foundation of knowledge. Classroom practicum is also incorporated. Students will observe and record children's behavior and progress in the areas of creative process, motor development, language, and cognitive development.

## ***YEAR ONE***

<b>FALL SEMESTER</b>		<u>Credits</u>	<b>SPRING SEMESTER</b>		<u>Credits</u>
EC107	Competencies & Best Practices in Children & Family Programs I (CDA I)	4	EC108	Competencies & Best Practices in Children & Family Programs II (CDA II)	4

**Required credits for this curriculum = 8**

***CERTIFICATE OF COMPLETION***  
**EMERGENCY MEDICAL TECHNICIAN**  
**BASIC**

This course will prepare you for a job in the emergency medical field. The student will be trained in basic life support, patient assessment, and management of medical and traumatic emergencies. It will include lecture and practical experience in aspects of emergency treatment and transport of patients to emergency departments. This course is prerequisite for the Emergency Medical Technician Specialist and Paramedic programs. The student must also complete forty-eight (48) hours of emergency department and ambulance clinicals.

Credits

HL125    Emergency Medical Technician – Basic    13

**Required credits for this curriculum = 13**  
**Students are required to earn a grade of 2.3 or higher in all courses in this certificate.**

***CERTIFICATE OF COMPLETION***  
**EMERGENCY MEDICAL TECHNICIAN**  
**SPECIALIST – ADVANCED EMT**

This course prepares the Emergency Medical Technician Basic to deliver more advanced care during an emergency. This course includes skills in advanced airway management, intravenous and intraosseous cannulations, and some medication administration. The student must also complete forty (40) hours of emergency department and ambulance clinicals.

Credits

HL126    Emergency Medical Technician – Specialist    12

**Required credits for this curriculum = 12**  
**Students are required to earn a grade of 2.3 or higher in all courses in this certificate.**

# ***CERTIFICATE OF COMPLETION***

## **MEDICAL CODING & BILLING**

This curriculum is designed to prepare students for work in the field of Medical Coding & Billing and for competency exams in the field of Medical Coding & Billing. Central areas to be studied will include coding and medical procedures, the meaning of formatting, symbols, abbreviations, and notations, coding guidelines, and the coding of medical diagnoses using the Current Procedural Terminology coding guidelines and the International Classification of Disease coding guidelines.

### ***YEAR ONE***

<b>SPRING SEMESTER</b>			<b>SUMMER SEMESTER</b>		
		<u>Credits</u>			<u>Credits</u>
OE123	Medical Coding & Billing I	4	OE124	Medical Coding & Billing II	3

**Required credits for this curriculum = 7**

# ***CERTIFICATE OF COMPLETION***

## **NURSE AIDE TRAINING**

This program prepares the student to provide basic patient care under the supervision of a licensed nurse. Upon successful completion, the student will be eligible to take the state exam to be certified as a Nursing Assistant (CNA). Students must earn a C or higher in HL116 to receive a Certificate of Completion, and in order to be eligible to take the Nurse Aide Certification Exam and be placed on the Michigan Nurse Aide Registry. Employment opportunities for CNA's primarily include hospitals, home care and long-term care facilities.

### **REQUIRED COURSE**

HL116	Certified Nurse Aide Training	6 CR
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**Required credits for this curriculum = 6**

## ***CERTIFICATE OF COMPLETION*** **PARAMEDIC**

This Certificate of Completion program prepares the EMT Basic for the highest level of emergency medicine. The program will prepare competent entry-level Emergency Medical Technician-Paramedics in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains. The student will learn advanced techniques of administering care to patients in life-threatening situations and to reduce disability. It will also teach the students to recognize signs and symptoms of most life-threatening illnesses and injuries, and to effectively manage them. Students will learn fundamentals of cardiology, pharmacology, and special patient care in a prehospital setting. EMT-Paramedics are employed by advance life support ambulances, emergency departments, critical care units of hospitals, tactical teams, industrial medicine, and sports medicine groups. State licenses are required. The student is required to perform 250 clinical hours along with 250 internship hours in emergency departments and ambulance services. To enter the program students must possess or have pending status an EMT License; or by permission of Program Director. Students must either place into MA113 or MA114 or enroll in MA105/113/114 with required corequisite.

### ***YEAR ONE***

<b>SEMESTER I</b>			<b>SEMESTER II</b>		
		<u>Credits</u>			<u>Credits</u>
BI107	Human Biology w/Lab	4	HL131	Pharmacology II	2
HL130	Pharmacology I	2	HL135	Cardiology II	2
HL134	Cardiology I	2	HL141	Advanced Emergency Care II	4
HL140	Advanced Emergency Care I	4	HL147	Advanced Skills & Situations II	4
HL146	Advanced Skills & Situations I w/Lab	<u>4</u>		w/Lab	
			HL150	Clinical Experience I	<u>2</u>
<b>TOTAL</b>		<b>16</b>	<b>TOTAL</b>		<b>14</b>

### ***YEAR TWO***

<b>SEMESTER III</b>			<b>SEMESTER IV</b>		
		<u>Credits</u>			<u>Credits</u>
HL151	Clinical Experience II	2	HL153	Clinical Experience III	2
HL212	Pharmacology III	1	HL213	Pharmacology IV	1
HL216	Cardiology III	1	HL217	Cardiology IV	1
HL220	Advanced Emergency Care III	4	HL221	Advanced Emergency Care IV	4
HL226	Advanced Skills & Situations III	4	HL227	Advanced Skills & Situations IV	4
	w/Lab			w/Lab	
HL234	Paramedic Operations	2	HL235	Care of Special Patients	2
CS121	Principles of Microsoft Office	<u>4</u>	EN111	College Composition	<u>4</u>
<b>TOTAL</b>		<b>18</b>	<b>TOTAL</b>		<b>18</b>

#### **SEMESTER V**

		<u>Credits</u>
HL240	Paramedic Capstone Preparation	5
HL255	Capstone Field Internship (w/clinical exp)	<u>4</u>
<b>TOTAL</b>		<b>9</b>

**Required credits for this curriculum = 75**

**Students are required to earn a grade of 2.7 or higher in all HL courses in this program.**



# ***BAY MILLS COMMUNITY COLLEGE*** **ANISHINAABEMOWIN LANGUAGE STUDIES**

## **INTRODUCTION**

Bay Mills Community College has developed a much needed and recognized process of Anishinaabemowin language learning utilizing the concept that is found in the Medicine Wheel Teachings—teachings which are Anishinaabe and are intrinsic to the understanding and appreciation of Anishinaabe culture. Not only will the students gain and further develop this knowledge, they will also gain a positive sense of identity as Anishinaabe people and as members of the Anishinaabe nation.

## **THE PROGRAM**

In keeping with the spirit of Bay Mills Community College's mission, the Anishinaabemowin Language programs at BMCC are targeted for individuals who have a special commitment to regain and retain the Anishinaabe language and culture. The teaching and learning process of these programs are developed in a manner that is unique and dynamic, Anishinaabe driven, and attempts to make a difference in the lives of the learners. Historically, the educational experiences of Anishinaabe people have not been pleasant, and their rich culture has been largely unappreciated. This has changed dramatically in the past few years with the ever increasing awareness and enhancement of pride in this rich heritage. With this in mind, the development of the program has been done in a holistic approach—holistic meaning integrating the language in all of the courses in this program.

## **LANGUAGE STUDIES GOALS**

The goals of the Language Studies programs are as follows:

- To maintain the survival of Anishinaabe language and culture within the tribal communities by providing opportunities for its study and creative use in the academic setting.
- To develop new approaches and skills in the use of Anishinaabemowin through research, teaching and production of materials.
- To introduce Anishinaabemowin to students who wish to learn it for self-growth, personal and professional reasons.
- To offer a framework from which the students will obtain knowledge and appreciation of Anishinaabemowin language and culture.
- To develop competent Anishinaabemowin speakers who possess a beginning to intermediate level of speaking proficiency.
- To provide students with the skills necessary for teaching Anishinaabemowin.

# ***DIPLOMA***

## **ANISHINAABEMOWIN PANE IMMERSION PROGRAM**

The four and six year diploma programs are designed to develop the Anishinaabe language learner's ability to understand the content of fluent speakers' speech and to respond to that speech appropriately. The semester course offerings and the immersion weekends provide a total immersion environment in which the language student can attain a high level of listening comprehension and eventually the ability to spontaneously produce speech.

### **YEAR ONE**

<b><u>Fall Semester</u></b>		
NP141	Basic Immersion I	6
NP151	Intro. to Immersion I	<u>6</u>
		Credits 12

<b><u>Spring Semester</u></b>		
NP142	Basic Immersion II	6
NP152	Intro. to Immersion II	<u>6</u>
		Credits 12

<b><u>Summer Semester</u></b>		
NP143	Basic Immersion III	6
NP153	Intro. to Immersion III	<u>6</u>
		Credits 12

### **YEAR TWO**

<b><u>Fall Semester</u></b>		
NP171	Basic Immersion IV	6
NP181	Intro. to Immersion IV	<u>6</u>
		Credits 12

<b><u>Spring Semester</u></b>		
NP172	Basic Immersion V	6
NP182	Intro. to Immersion V	<u>6</u>
		Credits 12

<b><u>Summer Semester</u></b>		
NP173	Basic Immersion VI	6
NP183	Intro. to Immersion VI	<u>6</u>
		Credits 12

### **YEAR THREE**

<b><u>Fall Semester</u></b>		
NP241	Intermediate Immersion I	6
NP251	Listening Comprehension I	<u>6</u>
		Credits 12

<b><u>Spring Semester</u></b>		
NP242	Intermediate Immersion II	6
NP252	Listening Comprehension II	<u>6</u>
		Credits 12

<b><u>Summer Semester</u></b>		
NP243	Intermediate Immersion III	6
NP253	Listening Comprehension III	<u>6</u>
		Credits 12

### **YEAR FOUR**

<b><u>Fall Semester</u></b>		
NP271	Intermediate Immersion IV	6
NP281	Listening Comprehension IV	<u>6</u>
		Credits 12

<b><u>Spring Semester</u></b>		
NP272	Intermediate Immersion V	6
NP282	Listening Comprehension V	<u>6</u>
		Credits 12

<b><u>Summer Semester</u></b>		
NP273	Intermediate Immersion VI	6
NP283	Listening Comprehension VI	<u>6</u>
		Credits 12

### **YEAR FIVE**

<b><u>Fall Semester</u></b>		
NP341	Advanced Immersion I	6
NP351	Comprehensive Immersion I	<u>6</u>
		Credits 12

<b><u>Spring Semester</u></b>		
NP342	Advanced Immersion II	6
NP352	Comprehensive Immersion II	<u>6</u>
		Credits 12

<b><u>Summer Semester</u></b>		
NP343	Advanced Immersion III	6
NP353	Comprehensive Immersion III	<u>6</u>
		Credits 12

### **YEAR SIX**

<b><u>Fall Semester</u></b>		
NP371	Advanced Immersion IV	6
NP381	Comprehensive Immersion IV	<u>6</u>
		Credits 12

<b><u>Spring Semester</u></b>		
NP372	Advanced Immersion V	6
NP382	Comprehensive Immersion V	<u>6</u>
		Credits 12

<b><u>Summer Semester</u></b>		
NP373	Advanced Immersion VI	6
NP383	Comprehensive Immersion VI	<u>6</u>
		Credits 12

**Required credits for TWO (2) year curriculum = 72**  
**Required credits for FOUR (4) year curriculum = 144**  
**Required credits for SIX (6) year curriculum = 216**

## ***COURSE DESCRIPTIONS***

### ***AC – ACCOUNTING***

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#### **AC104 Payroll Accounting 3 CR**

This class is designed to teach students the skills, procedures, and conceptual knowledge necessary to figure a company's payroll. Basic principles and concepts of accounting and financial reporting will also be covered.

Corequisites: CS121.

#### **AC105 QuickBooks for Small Business 3 CR**

Upon successful completion of the course, students will know how to use a computerized bookkeeping software package for small businesses. Instruction includes information on creating accounts, writing checks, balancing accounts, navigating the program, and more. Prerequisite: None.

#### **AC131 Accounting I 4 CR**

This is an introductory course in accounting, which includes the recording and reporting of business transactions, and the measuring, planning, and controlling of business income, assets and equities. Prerequisite: None.

#### **AC132 Accounting II 4 CR**

This course is a continuation of AC131 with emphasis on managerial/cost accounting concepts.

Prerequisite: AC131 with a C or better.

#### **AC305 Government and Nonprofit Accounting 4 CR**

Governmental and Nonprofit Accounting prepares you for accounting practices in the nonprofit sector and in government – local, state, and federal systems. This course will emphasize fund accounting principles used in the recording of assets, liabilities, equity, revenues and expenditures. Students will also cover the analysis and interpretation of financial statements of governmental and nonprofit entities. Prerequisite: AC132.

#### **AC325 Financial Management 4 CR**

This course will look at financial decision making in the modern world. Students will explore capital budgeting, capital structure, sources of funding, dividend policy, financial risk management, standard theories of risk and return, and valuation of assets. Prerequisite: AC305 and MA113 or higher.

### ***AG – AGRICULTURE SCIENCE***

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#### **AG110 Fundamentals of Sustainable Agriculture & Food Systems 3 CR**

This course will introduce students to the basic characteristics, production methods, and philosophies involved in sustainable agriculture and food systems. The pros and cons of sustainable systems will be discussed and contrasted with other production methods. Traditional Anishinaabeg food sources and systems will be explored. Students will receive 15 hours of seasonally appropriate experiential education at Waishkey Bay Farm. Prerequisite: None.

### ***BI – BIOLOGY***

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#### **BI101 Introduction to Biology (Lab required) 4 CR**

This course is designed to cover selected biological topics to allow the student to gain an understanding and appreciation of basic life functions and mankind's relationship to the environment. This course is designed to fulfill the Natural Science requirement. Corequisites: EN111 or permission of instructor.

#### **BI107 Human Biology (Lab required) 4 CR**

This course is a survey of functional human anatomy and the related physiological processes of normal human activity at the chemical, cellular, tissue, organ, and system levels. It is designed to fulfill the Natural Science requirement. Prerequisites: high school Biology and Chemistry with B or better, or BI101 or SI112 with C or better, or permission of instructor.

#### **BI110 General Biology (Lab required) 4 CR**

This course is an introduction to chemical and cellular levels of general biology. Processes that will be covered include the structure and function of cellular organelles, cellular metabolism, enzymatic processes, cellular respiration and photosynthesis, the cell cycle, DNA replication, mitosis, meiosis, and Mendelian genetics. Lab required. Prerequisites: EN111. Corequisite: MA113 or MA114, or permission of instructor.

#### **BI221 Human Anatomy and Physiology I (Lab required) 4 CR**

This course provides basic understanding and knowledge of structure and function of the human body. With emphasis on the hierarchical organization of the human body, it covers basics of chemistry of living cells, cell structure and functions, tissues, and integumentary, skeletal, muscular, nervous systems and senses. This course is the first course in a two-course sequence of Human Anatomy and Physiology. Prerequisites: CH104, BI101, or BI107 with a C or better, or permission of instructor.

**BI222 Human Anatomy and Physiology II (Lab required) 4 CR**

This course is the second of a two-semester sequence of Human Anatomy and Physiology. It is focused on the unity of structure and function and covers endocrine, circulatory, lymphatic, respiratory, urinary, digestive, and reproductive systems of the human body, and their inter-relationship in human organism. Prerequisite: BI221 with C or better.

**BI225 Clinical Microbiology 4 CR**

This basic course in microbiology, a survey of viruses, fungi, and bacteria, provides the study of microorganisms and pathogens in humans. This course covers morphology, growth characteristics, and physical and chemical means to control microorganisms that cause human infections. Prerequisites: CH104 with C or better. Corequisite: BI222 or permission of instructor.

***BU – BUSINESS***

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**BU108 Macroeconomics 3 CR**

Macroeconomics principles will explore economic issues that occur on a national level: inflation and unemployment, fiscal policy, economic growth and business cycles, money creation and banking policy, the Federal Reserve, and monetary policies that promote economic growth. Prerequisite: EN111.

**BU109 Microeconomics 3 CR**

In this course, students will explore the branch of economics that deals with human behavior and choice, as they relate to relatively small units: the individual, the firm, the industry, and the single market. Prerequisite: EN111 or instructor permission.

**BU113 Introduction to Business 3 CR**

This course is intended to provide the student a survey of the various and complex aspects of business and the interrelationship that exists between them. Topics will include business organization and management, personnel and labor relations, governmental agencies and controls, production, marketing, and the like. Current career opportunities will be explored throughout the course. Corequisite: EN111.

**BU193 Business Communication and Writing Skills 3 CR**

This course develops skills in creating clear, accurate, effective business messages, recognizing the interrelationships of communication skills (reading, listening, writing, and speaking) with emphasis on basic rules of writing, grammar, the use of different styles, techniques, and procedures for producing good written communications. Prerequisites: EN111 with C or better or permission of instructor, and CS121.

**BU201 Introduction to Grants 3 CR**

This course offers students a basic understanding of the grant process from proposal planning through submission and grant management. Students will learn the similarities and difference between federal, state, and private grant funding opportunities. Students will develop the capacity to interpret funding opportunity announcements and respond to the application with appropriate and accurate information. Prerequisite: basic computer and internet skills required. Prerequisite: EN111.

**BU204 Business Law I 3 CR**

This course includes current coverage of business law fundamentals and their application to the legal and social environment of business. Topics covered include common law and the Uniform Commercial Code including contracts, sales, personal property, bailments, commercial paper, and employment. Prerequisite: BU113. Corequisite: EN112.

**BU205 Entrepreneurship: Introduction to Small Business 3 CR**

This course is designed to introduce students to the concept of entrepreneurs and their role in small business development and management. Students will examine the nature of small business and the factors that contribute to their success.

Prerequisite: BU113 or permission of Department Chair.

**BU206 Principles of Management 3 CR**

This course is an introduction to the social and legal consequence of business and managerial decision-making. Studies include an overview of management planning strategies, principles of organizing, staffing, directing, and controlling. Upon completion, the student will be able to analyze issues, solve problems, and build management skills. Prerequisite: EN112. BU113 is recommended.

**BU209 Marketing 3 CR**

This course is designed to expose the students to various aspects of marketing. The emphasis is on identifying target markets with market segmentation and positioning approaches. It also focuses on developing the right marketing mix.

Prerequisite: BU113. Corequisite: EN112.

**BU215 Personal Finance 3 CR**

This course examines personal incomes and budgets, home and consumer financing, insurance of personal assets, personal investing and retirement planning. Topics covered will include the time value of money, investments, loans and credit, cash management, taxes, life and health insurance, and estate planning.

Corequisite: MA113 or MA114, or appropriate placement score.

**BU301 Grants Management 3 CR**

This course will build upon Introduction to Grants and teach students the process for grant reporting and management once a grant is received. Students will learn how to manage grants effectively to provide the greatest value to their organization and to the granting agency. Prerequisite: BU201.

**BU405 Tourism & Hospitality Management 4 CR**

This course will provide students with a broad understanding of the tourism and hospitality industry, sectors, businesses and their roles and impacts in the wider economic and social environment. Although the tourism and hospitality industry encompasses a multitude of operations, this courses will largely focus on destination promotions, lodging management, restaurant operations, and meetings & convention market segments. Prerequisite: BU209.

**BU411 Advertising & Public Relations 4 CR**

Students will develop an understanding of public relations and advertising theories and practices and their importance in business. Students will become acquainted with the language, processes, and opportunities within the industry, including potential roles in strategic planning, research, copywriting, art direction, media buying and planning. Prerequisite: BU209.

**BU420 Business Ethics and Cultural Values 3 CR**

In this course students will develop an understanding of how cultural values and preferences can differ in the work environment and the importance of business ethics. Students will learn how to handle common ethical problems and dilemmas, and discover how to make ethics an ongoing part of your work culture. Prerequisite: BU206.

**BU425 International Business & Economic Sustainability 3 CR**

This course examines the global business environment in the context of sustainability and explores the challenges and opportunities that the new movement toward sustainability offers multinational enterprises and the countries in which they do business. Students will examine today's geopolitics, risk management, tariffs and trade compliance, supply chain reorganization and management of stakeholder relationships. Prerequisite: BU206.

**BU430 Human Resource Management 4 CR**

The general purpose of this course is to familiarize students with the basic principles and techniques of human resource management. This course involves looking at concepts of leadership, values, employment planning, recruiting and selecting employees, training and compensating employees, and evaluating employee performance. Students will also learn about union and management relations, state and federal labor legislation, collective bargaining, and grievance processes.

Prerequisite: BU206.

**BU440 Senior Capstone 4 CR**

The Senior Capstone is intended to represent the culmination of student coursework and training throughout their college education. Students will earn credit from work done in a position of their choosing.

Prerequisite: Senior standing – final semester of bachelor's program, and Department Chair approval.

***CH – CHEMISTRY***

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**CH104 Introduction to Chemistry (Lab required) 4 CR**

This course is designed to expose students to basic chemistry. The course will provide an introduction to measurement, basic definitions and laws, chemical nomenclature, chemical reactions and equations, atomic theory, and elements. It will also cover how chemistry impacts people and their environment. It is designed to fulfill the Natural Science requirement.

Corequisite: MA113 or MA114.

**CH110 Introduction to Organic and Biochemistry (Lab required) 4 CR**

This course offers a continuation of introductory chemistry concepts presented in CH104 and emphasizes organic and biochemical processes. The course focuses on chemical reactions required for life, with an emphasis on human health.

Prerequisite: CH104 or equivalent, with a C or better.

**CH131 General Chemistry I (Lab required) 4 CR**

This course covers fundamental concepts of chemistry such as the use of scientific method in chemistry, properties of matter, atomic structure, the Periodic table and periodic trends of elements, chemical reactions and stoichiometry, electronic structure, chemical bonding and molecular structure, intermolecular forces, gas laws, and an introduction of thermochemistry. This course is designed as the first of a two-course series. Lab required. Prerequisites: CH104 with C or better. Corequisite: MA116 or permission of instructor.

***CJ – CRIMINAL JUSTICE W/CORRECTIONS EMPHASIS***

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**CJ101 Introduction to Corrections 3 CR**

This course is intended for students interested in Corrections as a career. It will provide an understanding of the history and philosophy of corrections and correctional policy including correctional systems from arrest through parole/discharge, the Michigan Correctional System, correctional personnel and prisoner interaction, and Michigan's minorities in prison with an emphasis on Native American Correctional Programs. Prerequisite: None.

**CJ112 Client Relations in Corrections 3 CR**

This course is designed to provide students with an understanding of theoretical constructs as applied to clients in penal settings. Topics will include the meaning and function of culture on personality development, the meaning and impact of discrimination as it affects client relations, minorities in Michigan, attitude formation, and professional responsiveness to correctional clientele. Prerequisite: None.

**CJ201 Introduction to Criminal Justice 3 CR**

This course is designed to provide students with an exploration of the police, court and correction systems. It will examine the policies and legal issues that criminal justice professionals deal with on a daily basis. This course will lay groundwork for the study of criminal justice by analyzing and describing the agencies of justice and the procedures they use to identify and treat criminal offenders. Prerequisite: None.

**CJ212 Institutional Corrections 3 CR**

This course is designed to provide students with an understanding of the history and philosophy of correctional institutions as a system of control management, supervision, treatment, and reintegration of offenders nationally and within the Michigan Department of Corrections. This course will also stress the roles of correctional employees at all levels, the stress they encounter daily, and strategies for effectively coping with those stresses. Prerequisite: None.

**CJ215 Corrections Client Growth and Development 3 CR**

This course provides students with an exploration of human growth and development within the context of prison clientele. Areas of concentration include comparing normal and criminal behavior, tracing the development of the criminal pattern in the individual, exploring specific problems associated with clients in corrections, and intervention strategies. Prerequisite: None.

**CJ221 Correctional Law 3 CR**

This course deals with the law as it applies to the correctional system. Applicable court cases and legislation will be reviewed. Topics will include the sources of Corrections Law, the Criminal Justice System, rights of prisoners, civil lawsuits of prisoners, and how the law affects correctional employees. Also, there will be a special emphasis on Michigan Law. Prerequisite: CJ101 or permission of the Department Chair.

***CIS/CS - COMPUTER INFORMATION SYSTEMS***

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**CS121 Principles of Microsoft Office 4 CR**

This course covers the basic skills for word processing, spreadsheets, presentation graphics, and databases with emphasis on real-world situations. Prerequisite: None.

**CS133 Graphic Design I 4 CR**

This course will introduce students to the elements of design, spatial relationships, typography and imagery. This course instructs the student in graphic design with the use of digital tools to create visual solutions for self-promotion, logo design, and Web design. Prerequisite: none.

**CS134 UX/UI Design 4 CR**

In this course, students will learn the fundamentals of User Experience/User Interface (UX/UI) design and implementation. Topics will include business processes, UX/UI design, peer critiques, and student/client communications. Content development, site mapping, testing, running scenarios and analyzing task flows will also be covered. Prerequisite: CS133.

**CS140 3D Design 3 CR**

This course will introduce 3D Design using Computer Assisted Design software to create, analyze, view and leverage product designs utilizing 2D CAD, 3D CAD, parametric & direct modeling. This course will expose students to a variety of 3D Printing configurations and output formats. Prerequisite: None.

**CS144 Computer Hardware Systems 4 CR**

This course introduces students to PC hardware and configuration, as well as basic troubleshooting techniques. Students will receive a basic understanding of how computers work, how software and hardware work together, system boards, peripherals, Input/Output devices, and power supplies. Corequisite: Appropriate placement test scores.

**CS146 Advanced Computer Hardware 4 CR**

This course is designed to prepare students to pass the Industry Standard A+ certification test, one of the most sought-after certifications in the computer industry. Successful students will become proficient in the installation, maintenance, and troubleshooting of hardware on dedicated PC's and LAN's through a combination of lecture, demonstrations, and hands-on-lab exercises. Prerequisite: CS144 with a C or better.

**CS204 Web Page Design 3 CR**

With successful completion of this course students will be able to design web pages. Hypertext Markup Language (HTML) basics are covered, followed by using a web-page design program such as Dreamweaver. Prerequisite: One computer science course.

**CS205 Database Management 3 CR**

This course is designed to provide students with fundamental knowledge on database management. This course focuses on the creation of databases, tables, relationships, and the integration of database servers with web-based front-ends and back-end setups. Prerequisite: None.

**CS207 Computer Security 3 CR**

This course is designed to arm students with the ability to recognize and combat threats to their computer and personal privacy. Lessons cover firewall basics, viruses, and Malware. Explanations of safe communication using encryption, secure socket layer (SSL), virtual private networks (VPN) are explained. At risk behavior, social engineering, and content filtering are discussed to provide an overall “best practice” of computer use. Please note: Topics covered in this class are subject to change in order to provide students with the most current information available at the time the class is offered. Prerequisite: CS121.

**CS220 Web Programming 3 CR**

This course is designed to provide students with the knowledge to program advanced web applications. Students will be introduced to a variety of web languages, as well as interaction with back-end systems. Students will learn how to create server-side execution code, as well as the security implications behind running code directly on a server and how to mitigate damage. Prerequisite: CS204 with a C or better.

**CS221 Computer Programming 4 CR**

This course is designed to introduce the fundamental concepts of Object-Oriented Programming. This course covers input processing, Boolean logic, functions, inheritance, and more. Students will write, debug, and deploy computer programs. Prior knowledge of programming is not necessary. Prerequisite: Appropriate placement test scores.

**CS222 Advanced Operating Systems 4 CR**

This course trains students in the installation, configuration, and administration of Network Operating Systems. This course focuses on installing a Windows Domain controller using Active Directory in the Windows Server environment. Prerequisite: Appropriate placement test scores.

**CS225 Microsoft Desktop Operating Systems 3 CR**

This course provides students with the skills and knowledge necessary to: install and upgrade Windows Operating Systems; configure and troubleshoot post-installation system settings; configure network connectivity; configure Windows security; configure applications included with Windows; maintain and optimize systems that run Windows Operating Systems; and configure and troubleshoot mobile computing. Students are prepared for Microsoft Certified Technology Specialist (MCTS) examination. Course is subject to change to keep current with Microsoft Operating Systems. Prerequisite: Appropriate placement test scores.

**CS227 Networking Technologies 4 CR**

This course covers the basics of networking, network operation systems, network administration, and future networking technologies. Successful students will be able to describe, design, and build a functional network as well as understand the administration of the network, network operating systems, and network applications. In addition, they will become knowledgeable in wireless LAN's and potential future technologies. Prerequisite: One computer science course.

**CS230 Web Server Administration 4 CR**

This course is designed to provide students with the fundamental knowledge to create and maintain Web Servers. Students will work with Windows and Linux servers and the various web server software that can run on them. Students will install and configure database software that can interact with the Web Server. Prerequisite: none.

**CS231 Linux Administration 4 CR**

This course is designed to provide students with an introduction to the Linux operating system using Linux distributions. Students will learn how to create, delete, copy, move, and search for information on a Linux system as well as organize information using the Linux system file structure. Students will be introduced to the VI editor and other text editors. Students will learn how to use the bash shell and create shell scripts for automated system administration, and be introduced to the X Windows system and its graphical user interface. Students will explore Linux capabilities in the network environment and on the Internet. This course will look at system administration, job control, and some of the utilities that are available. Prerequisite: Appropriate placement test score.

**CS232 Introduction to Routing 4 CR**

This course will provide an introduction to the concepts of Cisco devices while learning the commands to log into routers and switches in both user and privilege modes, manage and view configuration files, control passwords, hostnames and banners. In addition, this course covers the OSI reference model, IP addressing, subnetting, data link and network addresses, and concepts of data encapsulation. Prerequisite: CS227 with a C or better.

**CS233 Advanced Routing 4 CR**

This course covers VLSM, LAN switching, VLANs, VTP EIGRP, OSPF, RIP2 and WANs for Cisco router and switches. In addition, students will be able to design a WAN, identify and describe technologies such as HDLC and PPP encapsulation, ISDN, and Frame Relay. Prerequisite: CS232.

**CS234 Mobile App Development 4 CR**

This course is designed to provide students with working knowledge on mobile application development as well as how mobile devices function. Students will learn how to program, deploy, and maintain mobile applications. Students will become experienced with the ethics behind modern applications. Prerequisite: none.

**CS270 Web Development Capstone 5 CR**

This course is designed to provide students with the opportunity to work in a real-world environment. Students will be responsible for the creation of client web projects, technical documents, and weekly reports. Students will have a high-level of autonomy working with their client. Prerequisites: CS220 and permission of Department Chair.

**CS271 Cooperative Education: Computer Information Systems 5 CR**

This is a course designed to continue training in a student's field of study through work experience. Students are graded on the basis of documentation of learning acquired as reported by student and employer. The student will complete 15 hours weekly for a total of 225 contract hours. This training should be accomplished during the student's final semester.

Prerequisite: This is a capstone course, Department Chair permission required.

**CS310 Introduction to the Internet of Things 3 CR**

This course introduces students to the world of the Internet of Things. Topics covered include sensors and devices, embedded systems, circuits, programming of IoT devices, connectivity, processing of data, as well as the challenges that IoT devices bring such as security and privacy. Prerequisite: CS221 and CS231.

**CS320 Configuration/Automation Management 3 CR**

This course is designed to expose students to scalable infrastructure. Topics covered include automating repetitive operations, deploying continuous integration and continuous deployment environments directly from a Source Control Management system, as well as creating reproducible builds. Prerequisite: CS222 and CS231.

**CS330 Introduction to Data Structures 3 CR**

This course introduces students to the fundamental concepts of data structures and algorithms. Students will be introduced to topics such as abstraction, sorting, lists, queues, and object-oriented design. Prerequisite: CS221.

**CS340 Advanced Database Management 3 CR**

This course builds on CS205 (Database Management) and covers database topics in which students will learn concepts of DBMS, QBE, SQL queries, Database Normalization, Database Security and Recovery, and other current concepts pertinent to the Database Administration field. Students will develop a general set of skills that involves defining, dissecting, communicating, and solving problems and using data and information. Prerequisite: CS205.

**CS345 Introduction to Application Programming Interfaces (APIs) 3 CR**

This course introduces students to Application Programming Interfaces and their uses in the modern software developer world. Students will discover how to create, use, modify, and diagnose common problems with APIs. Students will be introduced to the practical application of APIs, and the various design philosophies of APIs. In this course, students learn skills that aid them in choosing the right user interaction technique and developing an interface that is well-suited to the people for whom it is designed. Prerequisite: CS221.

**CS410 Virtualization Infrastructure 4 CR**

This course is designed to expose students to modern hosting infrastructure. Students will discover methods of virtualization for both servers and clients, prepare virtualization for development and production environments, as well as create and deploy containers. This course introduces operating system virtualization. Emphasis is placed on virtualization terminology, virtual machine storage, virtual networking and access control. Upon completion, students should be able to perform tasks related to installation, configuration and management of virtual machines. Prerequisite: CS222 and CS231.

**CS420 Cloud Computing Technologies 3 CR**

This course introduces students to modern cloud infrastructure and the world of development operations. This course will introduce concepts such as Infrastructure as Code, Monitoring and Logging, Policy as Code, as well as Microservices. Students will be introduced to multiple cloud computing companies that are commonly used in enterprise environments.

Prerequisite: CS410.

**CS430 Security Systems & Data Storage 4 CR**

This course is designed to introduce students to the world of exploits. Students will discover weaknesses in programming languages, as well as the correct way to mitigate potential exploits and vulnerabilities. Students will analyze security design principles, access control, program security, as well as cryptographic algorithms. Students will also learn concepts related to data backup and recovery as it relates to business continuity. Prerequisite: CS207. Corequisite: CS410.



**CS435 Artificial Intelligence (AI) 4 CR**

This course presents a general introduction to the field of Artificial Intelligence. It examines the question: What does (will) it require for computers to perform human tasks? It presents a broad introduction to topics such as knowledge representation, search, learning and reasoning under uncertainty. Prerequisite: CS330.

**CS445 Computer Vision 4 CR**

This course is designed to introduce students to the evolving field of computer vision. Students discover the fundamentals of image formation, motion tracking, machine learning, and practical applications for computer vision. Students will utilize modern computer vision libraries used in business applications. Prerequisite: CS231, CS435, and MA118.

**CS490 Senior Project 4 CR**

This course is designed to be a capstone experience applying cumulative knowledge of the program. Students will have the option of engaging in one of the following projects depending on what is available: a research-oriented project, an internal or external cooperative education experience, or a practical software engineering-based project for a client.

Prerequisite: Department Chair permission required.

***CT – CONSTRUCTION TECHNOLOGY***

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**CT111 Construction I: Introduction to Construction 5 CR**

This course is an introduction into carpentry and related trades. This course will be held during the first eight weeks of the semester. Construction I will cover the general layouts and structures used in constructing a wood frame dwelling. Students will learn proper safety procedures and standards, which are mandated by M.I.O.S.H.A. There will be a special emphasis on the proper use, care, and maintenance of equipment. Students will also become familiar with construction terminology, various construction materials, and basic framing techniques. Prerequisite: None.

**CT112 Construction II: Framing and Exterior Finish 5 CR**

This course is a continuation of Construction I and will be offered during the second eight weeks of the fall semester. This course will involve students in building activities such as wall framing, door/window installation, roof construction, eave detailing, and exterior wall finishing. Students in this course will learn rafter framing techniques, stair calculations, and other special framing systems. Corequisite: CT111.

**CT113 Construction III: Interior Wall Finish 5 CR**

This course is offered in conjunction with Construction IV, and is held during the first eight weeks of the spring semester. Students will learn the fundamentals of thermal and acoustical insulation. Students will be taught the various types of materials used to finish interior walls. Students will also learn proper techniques to hang, tape, mud, sand, and finish drywall.

Prerequisite: CT112 or Instructor's permission.

**CT114 Construction IV: Finish Carpentry 5 CR**

This course is offered in conjunction with Construction III, and is held during the last eight weeks of the spring semester. Students will complete the interior wall finish of a house project. Students will learn to paint, install interior doors, install trim, design shelves, and perform many other facets of finish carpentry. Students will develop an understanding of modern techniques used to install vanities, kitchen cabinets, and finish flooring. Corequisite: CT113.

**CT122 Principles of Blueprinting 3 CR**

This course introduces the students to architectural drawings. Students will learn how to navigate and interpret a set of plans through the use of site plans, floor plans, elevations, sections, and details. Prerequisite: None.

**CT202 Material Estimating 3 CR**

This course involves students in the process of estimating material and labor amounts for construction projects. Students will investigate quantity takeoff, material ordering, crew sizes, production rates, and unit expenditure. Prerequisite: None.

**CT207 Construction V: Site Construction 4 CR**

This course is offered in conjunction with Construction VI and is held during the first half of the semester. During this course students will learn necessary steps for site construction including soil classifications, soil characteristics, soil mechanics, elevation contours, leveling procedures, grading methods, building layout procedures, surveying strategies, property descriptions, and concrete forming techniques. Prerequisite: CT114 or Instructor's permission.

**CT208 Construction VI: Concrete & Foundations 4CR**

This course will be held the second half of the semester. During this course students will have the opportunity to study the use of concrete as a building material for foundations, decorative work, and as an interior finish option. Students completing this course will understand inherent strengths, characteristics, concepts of thermal mass, and compositions of numerous concrete mixture ratios. Students will learn basic techniques used in masonry and the various bonds that are used in block and bricklaying.

**CT232 Residential Utilities 3 CR**

This course encompasses topics related to electrical, plumbing, and heating. During the electrical portion of the course students will learn about circuitry, electrical design, electrical codes, and basic electrical theory. In the heating and cooling segment, the focus will be targeted on heat load calculations, cooling systems, heating methods, and various heating systems. In the plumbing section, students will study the mechanics of plumbing systems. This will include methods of attachment, pumps, feed lines, vent systems, appliances, waste lines, and waste systems. Corequisite: CT208 or Instructor's permission.

**CT233 Principle of Workforce Leadership 5 CR**

Designed to promote productive relations in the workforce, students in their second year will be modeling a foreman position. As crew leaders, they will work with first year students in order to learn the different communication skills required on the job site. Students investigate various code regulations and develop a sturdy log to properly document the student house projects. At the end of this course, students will create a personal resume and participate in an exit interview.

**CT234 Legal Aspects of Construction 1 CR**

This course is an introduction to legal implications in the building and construction industry. This course reviews the Michigan Construction Lien Act with an in detail look into the laws and rules relating to Residential Builders and Maintenance and Alteration Contractors. Prerequisite: CT233 or instructor's permission.

**CT261 Cooperative Education: Construction Technology 3 CR**

This is a course designed to continue training in a student's field of study through work experience. Students are graded on the basis of documentation of learning acquired as reported by student and employer. The student will complete at least 9 hours weekly for a total of 135 contract hours. This training should be accomplished during the student's final semester. Prerequisite: Department Chair permission required.

***EC – EARLY CHILDHOOD EDUCATION***

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**EC101 Introduction to Early Childhood Education 4 CR**

This course will give students an overview of the field of early childhood education. It looks at the history as well as current practices, how early experiences influence brain growth and development, what activities constitute best practice and quality environments. The course also covers professionalism in the field: professional ethics and the commitment to being a lifelong learner. This course requires ten (10) hours of field experience. Prerequisite: None.

**EC107 Competencies and Best Practices in Children and Family Programs I 4 CR**

This is the first of two courses that will prepare students for CDA (Child Development Associate) competency exam. This course focuses on child growth and development from birth to age five, with emphasis on planning a safe, healthy and supportive learning environment for children, including strategies in positive guidance. Hands on experience will supplement reading and study, and students will learn how to find and use many resources. Classroom practicum is also incorporated. Students will explore ways to support positive social development in children, strategies for positive guidance and management, and ways to establish and maintain a safe, healthy, appropriate learning environment for children. This course requires sixty (60) hours of field experience. Prerequisite: None.

**EC108 Competencies and Best Practices in Children and Family Programs II 4 CR**

This is the second of two courses that will prepare students for the CDA (Child Development Associate) competency exam. This course will give students resource materials, a basic foundation of knowledge, and hands-on experience in ways to nurture cognitive, motor, language, and creative process skills in children. The main objective is to teach students ways to advance physical and intellectual development in young children. Principles of children's growth and development will be integrated throughout the course, as will experiences in observing and recording children's behavior and progress in the areas of creative process, motor development, language, and cognitive development. Long range and daily planning will also be explored. Students will be observed working with children, will continue to work on their professional resource files and will fulfill other course requirements. This course requires sixty (60) hours of field experience. Prerequisite: EC107 with a C or better.

**EC117 Health, Safety, and Nutrition for Early Childhood 3 CR**

In this course, students will understand the roles of good nutrition, health, and safety in the early childhood classroom. Students will learn practical skills and procedures to increase their effectiveness with young children. This course incorporates and will provide students with accurate, authoritative, and up-to-date information on nutrition, health, and safety for young children. Prerequisite: None.

**EC200 Social & Emotional Needs of Children 3 CR**

In this course, students will learn about the nature of social development in young children and how to guide that development in the early childhood classroom. They will learn practical skills and procedures to increase their effectiveness with young children. This course incorporates the sound principles of child development, relationship enhancement, and behavior management. This course requires twenty (28) hours of field experience. Corequisite: EN111.

**EC212 Child Development 4 CR**

In this course, students will be introduced to the unique qualities of the young child as distinguished from the older child. Beginning with developmental and learning theories, students will study all developmental areas of young children to include affective, cognitive, physical and motor skills. Students will learn practical skills and procedures to increase their effectiveness with young children. This course incorporates and will provide students with accurate, authoritative, and up-to-date information on child development. Prerequisite: EC101 or EC107.

**EC216 Curriculum Development 3 CR**

This course will focus on curriculum development for Early Childhood Education as well as developmentally appropriate practices for children birth through age eight. Students will do reading from the textbooks - Early Education Curriculum, A Child's Connection to the World and Developmentally Appropriate Practices in Early Childhood Programs. This course will enhance the student's understanding of early childhood curriculum and developmentally appropriate practices. Prerequisite: EC101 or EC107.

**EC217 Emergent Literacy 3 CR**

This course will explore the current attitudes, experiences, and opportunities which promote the development of reading and writing in young children. Because literacy begins at birth, students will learn about infant-toddler, as well as pre-school, development and activities. The course will also examine the role of reading aloud to children. This course requires fifteen (15) hours of field experience. Prerequisite: EN111.

**EC218 Developing Family Partnerships 4 CR**

This course is designed to give students the essential partnership building skills that contribute to Head Start's overall effectiveness a supportive, family centered community program. Students will learn about the critical role they will play as an Early Childhood worker, both individually and as part of team interactions with families, as well as gain knowledge and skills necessary to promote and sustain supportive partnerships. Topics covered will include: cultural awareness, development of individualized Family Partnership Agreements, identification and implementation of family centered goals, strengths and support, follow-up and tracking, comprehensive and confidential record keeping, as well as skills encompassing personalized attention, mutual respect, trust, acceptance and flexibility. Prerequisite: EN111.

**EC219 Inclusion of Special Needs in Early Childhood 3 CR**

This course will provide practical information about how to create and implement a high quality learning environment for children with special needs within an Early Childhood program serving typically developing children. This course requires fifteen (15) hours of field experience. Prerequisite: EC212.

**EC223 Infant-Toddler Development 3 CR**

This course will examine the necessary skills to create and provide high-quality care for infants and toddlers in early childhood education settings. Students will explore the unique development of this age group, how to establish and maintain a positive learning environment as well as how to develop and implement a responsive curriculum. This course requires (15) hours of field experience in an infant-toddler setting. Prerequisite: EN111.

**EC305 Managing the Environment for Development and Learning 4 CR**

This course features an in-depth examination of how early learning standards in all content areas (mathematics, science, literacy, technology, physical education, and the arts) can be met through the design and facilitated use of play-based environments. It also examines the role of the teacher as environmental designer and facilitator of learning. Introduction to Pre-K CLASS with review of each of the ten (10) dimensions and how to incorporate in the early childhood settings. This course requires thirty (30) hours of field experience. Prerequisites: EC212 and EN112.

**EC310 Challenging Behaviors in Early Childhood 4 CR**

This course will provide the basic facts and skills you need to understand and prevent challenging behavior in early childhood. Students in this course will learn to address challenging behavior promptly and effectively along with ways to teach appropriate alternatives. The course brings together knowledge and techniques from many areas including neuroscience, psychology, psychiatry, sociology, special education, research on early childhood and child development, cross-cultural studies, and proactive social and emotional skills programs. Prerequisites: EC212, EC200 and EN112. In order to succeed in this curriculum, it is recommended that you have working experience in an early childhood education classroom.

**EC320 Observation and Assessment 4 CR**

This course provides experience with the practices and tools for observation, documentation, and assessment of young children from birth through age eight. Discussion will include the use of results of assessment for planning continued developmental and learning experiences, as well as for appropriate classroom management and guidance strategies. This course requires five (5) hours of field experience. Prerequisites: EC212 and EN112.

**EC330 Administration of Early Childhood Programs 4 CR**

In this course, students examine theory and practice in the administration of education programs for young children. This course also focuses on determining program philosophy, financial, legal, supervisory, and operation procedures while complying with local, Tribal, state, and national standards. Prerequisites: EC117, EC212 and EN112.

**EC410 Internship I 4 CR**

The student will complete at least 140 hours in an early childhood setting culminating in experience as a lead teacher. Seminar meetings are included. The design of this course meets national standards and requirements for ECE programs. Prerequisites: EC212, EC305, and permission of instructor.

**EC415 Internship II 4 CR**

The student will complete at least 140 hours in an early childhood setting with primary emphasis on curriculum and administrative responsibilities. Seminar meetings are included. The design of this course meets national standards and requirements for ECE programs. Prerequisites: EC216, EC410, and permission of instructor.

**EC425 STEM for Early Childhood 4 CR**

This course explores basic concepts and skills in science, mathematics, engineering, and technology appropriate to early childhood education. This course requires ten (10) hours of field experience. Prerequisites: MA113 or higher, and one science course.

**EC430 Creating Data Reports for ECE 4 CR**

This course introduces early childhood education staff, and other professionals, to the basic concepts of data management, with special emphasis on child care data. Basic principles and methods of data management are introduced through examples of their use in decision making in general and with many examples from Head Start and Early Head Start programs. The course is designed for students who may not have previous formal training in data management, but who may need to work with data to address childhood trend priorities and other data-based decisions in early childhood education. Prerequisites: MA113 or higher, and EC330.

**EC440 Senior Capstone 5 CR**

Students in this course will conduct an independent research study of a relevant topic of current trends and issues in early childhood education. The topic will be defined jointly by student and instructor. Field research and oral presentation is required. This course requires 350 hours of field experience. Prerequisite: EN112, Senior status and permission of instructor.

***ED – EDUCATION***

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**ED105 First Year Experience 2 CR**

This course introduces strategies to aid students in developing skills that are needed for success in college. Topics include: navigating BMCC, self-motivation, self-awareness, personal responsibility, growth mindset, active learning, study skills, and personal development. Prerequisite: None.

**ED201 Introduction to Education and Student Diversity 4 CR**

This course is designed for students who are considering careers in education as certified teachers or as qualified paraprofessionals. Course content provides an overview of the role of schools in society; the roles and responsibilities of teachers and paraprofessionals; school curricula and instruction. Students will also learn about the wide diversity of learner needs in the classroom including differences in learning styles, linguistic, cultural, and economic backgrounds, gender issues, and physical and learning disabilities. Human development is studied in terms of teaching and learning. Additional topics include *Michigan Curriculum Framework* and Michigan requirements for teacher certification and Title I Part A requirements for paraprofessionals. Field experience is required. Corequisite: EN111.

**ED213 Human Growth and Development for Educators 3 CR**

This course is designed to explore concepts of human physical, intellectual, personality, and social development from conception to advanced maturity, with particular emphasis on learning readiness and abilities at each stage. Students will learn how these concepts impact classroom instruction and curriculum design, with particular emphasis on the effective components of the Michigan Standards and Benchmarks. Prerequisites: EN112 and PY101 or permission of instructor.

**ED220 Integrating Technology in the Classroom 3 CR**

This course explores technology operations, concepts, and a variety of instructional tools. Students in this course will apply learning theory with technology to create lesson plans and outcomes aimed at improving critical thinking, communication, creativity and digital citizenship. Prerequisites: ED201, or EC101 or EC107 for ECE majors.

**ED255 Children's Literature for Grades K through 8 3 CR**

This course introduces students to a wide variety of children's literature, such as poetry, folklore, fantasy, realistic fiction, historical fiction, and biography, at the levels suitable for children ages five through 13. It covers the analysis of children's fiction, enabling the student to discuss plot, setting, characterization, theme and style. It also stresses the use of literature in teaching cultural diversity. Prerequisites: EN111.

**EN095 Corequisite Support to EN111 2 CR**

This course is a corequisite designed to assist students with EN111 college level reading and writing skills. Emphasis is on building specific skills to facilitate student success in the gateway course. Placement in this course is based on placement scores. This course may not be transferrable. Prerequisite: appropriate placement scores. Corequisite: ED105 and EN111.

**EN103 Introduction to College Reading & Writing 4 CR**

This course is designed to prepare students for college level reading and writing skills in preparation for college level courses. Emphasis is on building specific skills for reading analysis and critical evaluation; grammatical accuracy; and organization of ideas in paragraph writing, particularly in the context of college assignments. Prerequisite: Placement in EN103 is based on placement scores. Corequisites: CS121 and ED105. In order to succeed in this curriculum, it is recommended that you complete the English sequence in a timely manner.

**EN107 Public Speaking 3 CR**

This course develops student self-confidence and organizational abilities in formal and informal speaking situations. Emphasis is placed on planning and organization of informative and persuasive speeches, as well as speeches to entertain. Topics include effective listening skills, problem-solving strategies, discussions, oral reading, and impromptu speeches. Tribal oratory tradition is also explored. Corequisite: EN111. In order to succeed in this curriculum, it is recommended that you complete the English sequence in a timely manner.

**EN111 College Composition 4 CR**

This course introduces students to the writing and thinking skills necessary for academic success in college. A variety of college writing contexts and assignments are examined, including essay tests, summaries, reflective pieces, and persuasive and expository essays. The course explores various methods of development, including narration, illustration, comparison, definition, classification, and cause and effect. Critical thinking, logical organization, and respectful incorporation of print or electronic sources are emphasized. Fundamentals of correct usage and mechanics are reviewed. Prerequisite: appropriate placement score. Corequisite: CS121, and for students who do not meet required placement score, EN095 and ED105 are required corequisites. In order to succeed in this curriculum, it is recommended that you complete the English sequence in a timely manner.

**EN112 Content Area Composition and Research 4 CR**

This course gives students further practice in organizational and development strategies for expository writing across the curriculum. In addition, EN112 initiates students into research in the academic disciplines and professional fields. Techniques for respectful and competent incorporation and APA-style documentation of research are introduced. Critical thinking, context appropriate style, correct usage, and mechanics are stressed. Prerequisite: EN111 with a C or better. In order to succeed in this curriculum, it is recommended that you complete the English sequence in a timely manner.

**EN206 Creative Writing 3 CR**

This course explores the creative process in writing poetry, fiction and drama. Students experiment with various literary modes while examining the work of established poets and fiction writers. Classroom activities include sharing individual work, compiling a portfolio, and pursuing publishing opportunities. Techniques of writing short literary essays are introduced; correct usage and mechanics are emphasized. Prerequisite: EN111. Corequisite: EN112. In order to succeed in this curriculum, it is recommended that you complete the English sequence in a timely manner.

**EN219 Technical and Report Writing 4 CR**

EN219 builds a connection between academic and work-related writing and prepares students to write in their selected area of employment. Students will study and practice some small and large genres (memos, emails, reports and proposals) commonly used at work. Examples from workplace writing are analyzed, and models are examined as students learn to create their own documents and work on their selected projects. Correct usage and mechanics are stressed; APA documentation is required. Prerequisite: EN112 with a C or better. In order to succeed in this curriculum, it is recommended that you complete the English sequence in a timely manner.

**EN225 Contemporary Native American Literature 3 CR**

This course is an overview of Native American literature which touches on foundations in oral tradition and oratory but focuses on modern poetry, fiction, drama, film, biography and essays. Emphasis is placed on recognizing the unique thematic concerns of Native literature. (see also NA225) Prerequisite: EN112, or permission of instructor. In order to succeed in this curriculum, it is recommended that you complete the English sequence in a timely manner.

**EN256 Advanced Composition & Research 4 CR**

This second year writing course furthers development of academic writing skills. Emphasis is on extended essay writing based on analysis and critical discussion of academic readings and covering a range of rhetorical methods. This may include definition, classification, comparison/contrast, cause/effect and argumentation. Students are engaged in the research process, using a variety of primary and secondary sources, with APA documentation. Prerequisite: EN112 with a C or better. In order to succeed in this curriculum, it is recommended that you complete the English sequence in a timely manner.

## ***ES - EXERCISE SCIENCE (Health & Fitness)***

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### **ES101 Fitness and Wellness 2 CR**

This course is designed to provide an introduction and investigation into the foundations and principles of physical fitness and health. Fundamental theory of the psychological and physiological basis of physical fitness will be presented and discussed, as well as topics and issues relevant to the broad areas of health and wellness. Each student will be given the opportunity to develop a personal wellness program based on information obtained through class. Prerequisite: None.

### **ES105 Sociology of Sports 4 CR**

This course will give students various perspectives on society and sport. Issues covered in class include socialization through sport; sport and the American school; sport and aging; aggression and violence in sport; racism in sport; women and sport; and sport as a political tool. Prerequisite: None.

### **ES109 Conditioning and Strength in Training 4 CR**

This course is an introduction to laying the foundation of conditioning and strength training. Students will learn about aerobic and anaerobic conditioning, sports nutrition, flexibility, putting together a conditioning program, strength exercises, strength training facilities, and equipment. Students will be required to plan and develop training programs for a wide variety of sports. Prerequisite: None.

### **ES111 Physical Rehabilitation and Modalities 3 CR**

This course is designed to give students practical information regarding the rehabilitation of the injured athlete. This class will also give students an in-depth look at decisions relative to rehabilitation programs. In this course, students will get in-depth exposure to multiple rehabilitation methodologies and equipment required to implement physical rehabilitation programs. Students will be required to devise rehabilitation programs as related to the athlete's injury and sport.

Prerequisites: BI107, BI221, or CH104 with C or better, or permission of instructor.

### **ES113 Sports Nutrition 3 CR**

This course will give students knowledge of the basic principles of nutrition as well as the role of the major nutrients in their application to wellness and fitness, as well as athletic performance. This course will address the interaction of diet and exercise in modifying the condition of the individuals with metabolic dysfunction and compromised cardiovascular health. We will also examine the nutritional needs of athletes and the effectiveness of ergogenic aids in enhancing sport performances.

Prerequisite: None.

### **ES204 Care and Prevention of Sports Injuries 4 CR**

This course is in the diagnosis and management of sports-related injuries. Prevention of sports injuries will be covered as well in the class. Students will learn and properly demonstrate proper taping techniques of injuries. Prerequisite: EN112.

### **ES 205 Sports Management 4 CR**

This course is designed to give students an overview of successful sports management with an insight into the skills and competencies required in the private sector. Students will learn the basic how-to of commercial sports management, which will include organizational skills, planning strategies, managing people, relating to the consumer, and staying on the right side of the law. Prerequisite: EN112.

### **ES208 Exercise Physiology 4 CR**

This course provides a balanced view of the Theoretical treatment of exercise physiology. Students will learn through applications using the performance approach. The class will emphasize control of physiological systems during exercise.

Prerequisite: EN112.

### **ES221 Capstone in Health and Fitness 3 CR**

This course is designed as a culminating experience of the Associate of Arts Health & Fitness program and is to be taken during the student's final semester in the program. A focus will be on career preparation through the development of professional skills, the creation of a career portfolio, and a job shadowing opportunity. Topics covered will include goal setting, career exploration, time management, professional conduct and code of ethics, professional development and networking, leadership, interpersonal skills, and working with special populations. Prerequisites: Approval of Department Chair.

## ***GE - GEOGRAPHY***

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### **GE105 Introduction to World Geography 4 CR**

This course will introduce students to the discipline of Geography and will provide students with a geographic framework for understanding global, regional, and local issues and problems. This course will expound upon the physical geography of the Great Lakes region, and the impact of geography on the region's peoples and products. Corequisite: EN111.

**GE201 Introduction to Geographic Information Systems (GIS) 3 CR**

This course develops foundational knowledge and skills in geospatial data, cartography, and geographic information systems (GIS). An overview of remote sensing will be provided. Students will investigate the theory and operation of GPS receivers and data integration with GIS. Students will gain hands-on experience with current GIS software and applications. Prerequisite: CS121. Corequisite: MA113 or MA114, or permission of instructor.

**HL – HEALTH**

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**HL116 Certified Nurse Aide Training 6 CR**

This course prepares the student to provide basic patient care under the supervision of a licensed nurse. Once completed the student will be eligible to take the state exam to be certified as a Nursing Assistant (CNA). Employment opportunities for CNA's primarily include hospitals, home care and long-term care facilities. Prerequisite: none.

**HL125 Emergency Medical Technician – Basic 13 CR**

This program provides an understanding of the role of an emergency medical technician and prepares the student to manage pre-hospital emergencies. This course teaches the basics in airway management, CPR, bleeding, and shock management. It also educates the student on the recognition and the management of medical and traumatic emergencies. Successful completion of this course qualifies the student to deliver primary pre-hospital care in emergencies. With proper licensing, this program may allow the student to function on an ambulance, fire department, safety officer, park ranger, or other agencies until more advance pre-hospital care is available. The student must also complete 48 hours emergency department and ambulance clinicals. Prerequisite: No felony convictions, no medical restrictions.

**HL126 Emergency Medical Technician Specialist - Advanced 12 CR**

Successful completion of this course qualifies the student to deliver more advance care during an emergency and to be recommended for NREMT evaluation at the EMT-Specialist level. This course includes increased understanding of anatomy and physiology of common medical and traumatic emergencies. It will also increase the skills performed including: advance airway management, intravenous and intraosseous cannulation, and some medication administration. The student must also complete 40 hours emergency department and ambulance clinicals. Prerequisite: HL125.

**HL130 Pharmacology I 2 CR**

This course is part one of four courses that cover the application of pharmacology in a pre-hospital setting. Students will learn the fundamentals of pharmacology and the laws pertaining to the possession, use, documentation, and administration of medications. The class will cover theories of drug interaction with body systems, including foundational pharmacology terms like indication and contraindication. Students will also be introduced to drug calculations and routes of drug administration. Prerequisites: EMT license or pending status, and appropriate placement test scores or permission of Program Director. Corequisites: BI107, HL134, HL140, and HL146.

**HL131 Pharmacology II 2 CR**

This course is the second of four courses that cover the application of pharmacology in a pre-hospital setting. Students will further develop their knowledge of specific medications and how they are used in treating respiratory, gastrointestinal, neurologic and endocrine problems. The application of medical math and drug calculations will be expanded upon. We will also introduce the ACLS treatment algorithms. Common over the counter medications will also be discussed. Prerequisites (must be completed with a B- or better): HL130, HL134, HL140, and HL146. Corequisites: HL135, HL141, HL147, and HL150.

**HL134 Cardiology I 2 CR**

This course is the first in a four-part sequence that addresses the application of cardiology in a pre-hospital setting. In Cardiology I, students will learn the fundamentals of cardiology. The course will introduce the anatomy of the heart with a specific emphasis on macro and micro-circulation, nervous pathways, sodium/potassium pumps and major muscle regions of the heart. An in-depth review of normal and abnormal cardiac enzymes, electrolyte levels and other substances' effects on the heart will be provided. The electrocardiograph theory and its application in pre-hospital settings will also be introduced. Prerequisites: EMT license or pending status, and appropriate placement test scores or permission of Program Director. Corequisites: BI107, HL130, HL140, and HL146.

**HL135 Cardiology II 2 CR**

HL135 is the second course of a four-part sequence that addresses the application of cardiology in a pre-hospital setting. This course will further develop and reinforce the fundamentals of cardiology. In addition, this course will introduce the 12-Lead ECG and its interpretation. Coronary circulation and its effect on electrophysiology will be discussed at length along with evolution of an acute myocardial infarction. ACLS interventions will be introduced. Prerequisites (must be completed with a B- or better): HL130, HL134, HL140, and HL146. Corequisites: HL131, HL141, HL147, and HL150.

**HL140 Advanced Emergency Care I 4 CR**

This course is the first session of a four-part course that considers the application of advanced emergency care in a pre-hospital setting. During part one of the course, students will learn the fundamentals of advanced emergency care. There will be a review of all Emergency Medical Technician-Basic skills to ensure that no matter the background of the student coming into the course, everyone is at the same starting point. After the initial refresher, topics to be covered include EMS systems, workforce safety and wellness, public health in EMS, medical/legal/ethical issues, communication, documentation, medical terminology, anatomy and physiology, pathophysiology, life span development, and critical thinking and patient assessment. This course will also draw from Pharmacology I and Cardiology I to further develop the depth of learning in those classes.

Pre-requisites: EMT license or pending status, and appropriate placement test scores or permission of Program Director.

Corequisites: BI107, HL130, HL134, and HL146.

**HL141 Advanced Emergency Care II 4 CR**

This course is the second in a four-part sequence on the application of advanced emergency care in a pre-hospital setting. The course continues to cover fundamentals of advanced emergency care to ensure students' mastery. Additional topics include airway management, respiratory, cardiovascular, and neurologic emergencies, diseases of the eyes/ears/nose/throat, abdominal, renal, gynecologic, endocrine, hematologic, immunologic and psychiatric emergencies, infectious diseases, and toxicology. HL141 will also review topics from Pharmacology II and Cardiology II to further develop the depth of learning.

Prerequisites (must be completed with a B- or better): HL130, HL134, HL140, and HL146. Corequisites: HL131, HL135,

HL147, and HL150.

**HL146 Advanced Skills & Situations I (Lab required) 4 CR**

This course is the first in a four-part sequence that covers the application of advanced skills and situations in a pre-hospital setting. In HL146, students will learn the fundamentals of advanced skills and situations. HL146 will review all Emergency Medical Technician-Basic skills to ensure that everyone is at the same starting point. Knowledge acquired in Pharmacology I, Cardiology I, and Advanced Emergency Care I will be applied in a practical setting through skill demonstration, competency exams, and practical simulations in near real-world environments while maintaining the safety of the learner.

Prerequisites: EMT license or pending status, and appropriate test scores or permission of Program Director.

Corequisites: BI107, HL130, HL134, and HL140.

**HL147 Advanced Skills & Situations II (Lab required) 4 CR**

This course is the second in a four-part sequence that covers the application of advanced skills and situations in a pre-hospital setting. In HL147, students will learn the fundamentals of advanced skills and situations. HL146 will review all Emergency Medical Technician-Basic skills to ensure that everyone is at the same starting point. Knowledge acquired in Pharmacology I, Cardiology I, and Advanced Emergency Care I will be applied in a practical setting through skills demonstration, competency exams, and practical simulations in near real-world environments while maintaining the safety of the learner.

Prerequisites (must be completed with a B- or better): HL130, HL134, HL140, and HL146. Corequisites: HL131, HL135, HL141, and HL150.

**HL150 Clinical Experience I 2 CR**

At this point in the program, students are prepared to apply classroom learning to real-world settings. Students are expected to function as capable EMT-Basics and will begin to develop advanced skills and critical thinking processes during clinical experiences. The course requires students to complete 75 hours of on-location clinical experience. Rotations between the Emergency Department, 1st Floor Med Surg, ALS vehicle experience are included. Other areas may be added as semester progresses, and skills are taught. Prerequisites (must be completed with a B- or better): HL130, HL134, HL140, and HL146.

Corequisites: HL131, HL135, HL141, and HL147.

**HL151 Clinical Experience II 2 CR**

HL151 students will continue to apply classroom learning to real-world settings. Course participants are expected to function as capable EMT-Advanced and will begin to develop advanced skills and critical thinking processes during clinical experiences. The course requires students to complete 63 hours of on-location clinical experience. Rotations between the Emergency Department or ALS vehicle experience are included. Prerequisites (must be completed with a B- or better): HL131, HL135, HL141, HL147, and HL150. Corequisites: HL212, HL216, HL220, HL226, and HL234.

**HL153 Clinical Experience III 2 CR**

In this course, students will expand the application of classroom learning to real-world settings. Course participants are expected to function as capable paramedics and will master their advanced skills and critical thinking during clinical experiences. The course requires students to complete 136 hours of on-location clinical experience. Rotations between the Emergency Department, OR, Obstetrics, Psychiatric or ALS vehicle experience are included. Prerequisites (must be completed with a B- or better): HL151, HL212, HL216, HL220, HL226, and HL234. Corequisites: HL213, HL217, HL221, HL227, and HL235.



**HL212 Pharmacology III 1 CR**

HL212 is the third course of a four-part sequence that covers the application of pharmacology in a pre-hospital setting. HL212 students will further develop their mastery of all previous pharmacology topics before moving on to additional topics, including code medications, antibiotics, common transfer drugs, and RSI drugs. More common over-the-counter medications will be covered; herbal and alternative medicine will be discussed. Prerequisites (must be completed with a B- or better): HL131, HL135, HL141, HL147, and HL150. Corequisites: HL151, HL216, HL220, HL226, and HL234.

**HL213 Pharmacology IV 1 CR**

This is the last course in a four-part sequence that covers the application of pharmacology in a pre-hospital setting. Students will refine their mastery of pharmacology. Critical thinking and differential diagnosis, critical care medications, blood and blood products, antidotes, and emerging medications will be added topics. More common over-the-counter medications will be covered, and more herbal and alternative medication will be discussed. Prerequisites (must be completed with a B- or better): HL151, HL212, HL216, HL220, HL226, and HL234. Corequisites: HL153, HL217, HL221, HL227, and HL235.

**HL216 Cardiology III 1 CR**

HL216 is the third course in a four-part sequence that addresses the application of cardiology in a pre-hospital setting. HL216 students will further develop and reinforce their fundamental knowledge of cardiology. Topics from the first two courses will be reviewed to ensure mastery. Additional topics to be covered include blocks rhythms and their causes, ventricular rhythms and their causes, corrective treatments for blocks and ventricular dysrhythmias, and introduction to 12 lead electrocardiogram interpretation in a pre-hospital setting. Prerequisites (must be completed with a B- or better): HL131, HL135, HL141, HL147, and HL150. Corequisites: HL151, HL212, HL220, HL226, and HL234.

**HL217 Cardiology IV 1 CR**

This course concludes a four-part sequence that addresses the application of cardiology in a pre-hospital setting. Students will further develop their mastery of cardiology and will continue to review topics from the previous courses to ensure mastery. Additional topics to be covered include 12 lead electrocardiogram interpretation, responding to the field code, and management and resuscitation of the critical cardiac patient in a pre-hospital setting. The Advanced Cardiovascular Life Support (ACLS) Provider Course is designed for health care providers who either direct or participate in the management of cardiopulmonary arrest or other cardiovascular emergencies. Through didactic instruction and active participation in simulated cases, students will enhance their skills in the recognition and intervention of cardiopulmonary arrest, immediate post-cardiac arrest, acute dysrhythmia, stroke, and acute coronary syndromes (ACS). The goal of this course is to improve outcomes for adult patients of cardiopulmonary arrest and other cardiovascular emergencies through early recognition and interventions by high performance teams. Prerequisites (must be completed with a B- or better): HL151, HL212, HL216, HL220, HL226, and HL234. Corequisites: HL153, HL213, HL221, HL227, and HL235.

**HL220 Advanced Emergency Care III 4 CR**

HL220 is the third course in a four-part sequence that covers the application of advanced emergency care in a prehospital setting. Review of topics from previous courses will continue to ensure mastery. Additional topics to be covered include trauma systems, mechanism of injury, bleeding, soft-tissue trauma, burns, face, and neck trauma, head trauma, spine trauma, chest trauma, abdominal trauma, genitourinary trauma, orthopedic trauma, and environmental emergencies. This course will also rely on content from Pharmacology III and Cardiology III to further develop the depth of learning. Prerequisites (must be completed with a B- or better): HL131, HL135, HL141, HL147, and HL150. Corequisites: HL151, HL212, HL216, HL226, and HL234.

**HL221 Advanced Emergency Care IV 4 CR**

This is the last course in a four-part sequence that covers the application of advanced emergency care in a pre-hospital setting. Topics from previous courses will be reviewed to ensure mastery. Additional topics to be covered include obstetrics, neonatal care, pediatric and geriatric emergencies, patients with special challenges, transport operations, incident management, multiple-casualty incidents, vehicle extrication, special rescue, hazardous materials, terrorism, disaster response, crime scene awareness, and career development. This course will also draw on content from Pharmacology IV and Cardiology IV to further develop the depth of learning. Prerequisites (must be completed with a B- or better): HL151, HL212, HL216, HL220, HL226, and HL234. Corequisites: HL153, HL213, HL217, HL227, and HL235.

**HL226 Advanced Skills & Situations III (Lab required) 4 CR**

HL226 is the third course in a four-part sequence that covers the application of advanced skills and situations in a pre-hospital setting. HL226 students will continue to develop advanced skills and situations. A mastery of all advanced skills will be reviewed to further build the paramedic skills. Students will apply knowledge acquired in Pharmacology III, Cardiology III, and Advanced Emergency Care III in a practical setting through skill demonstration, competency exams, and practical simulations in near real-world environments while maintaining learner safety. Prerequisites (must be completed with a B- or better): HL131, HL135, HL141, HL147, and HL150. Corequisites: HL151, HL212, HL216, HL220, and HL234.

**HL227 Advanced Skills & Situations IV (Lab required) 4 CR**

This is the last course of a four-part sequence that covers the application of advanced skills and situations in a pre-hospital setting. Students will continue to develop advanced skills and situations until a mastery of all advanced skills is demonstrated to further build into paramedic skills. Students will apply knowledge acquired in Pharmacology IV, Cardiology IV, and Advanced Emergency Care IV in a practical setting through skill demonstration, competency exams, and practical simulations in near real-world environments while maintaining learner safety. Prerequisites (must be completed with a B- or better): HL151, HL212, HL216, HL220, HL226, and HL234. Corequisites: HL153, HL213, HL217, HL221, and HL235.

**HL234 Paramedic Operations 2 CR**

Paramedics are expected to do more than just assess, treat, and transport patients in a pre-hospital setting. A deep understanding and a mastery of pre-hospital and hospital operations are vital for the successful performance of a paramedic. Topics to be covered in this course include HAZMAT, ICS, MCI, vehicle operation, industrial response and rescue, wilderness rescue, water rescue, active shooter response, and business operations. Given the changing range of paramedical responsibilities, the instructor may choose to add emerging new topics to stay current with the developing expectations of EMS and with the accrediting bodies' recommendations. Prerequisites (must be completed with a B- or better): HL131, HL135, HL141, HL147, and HL150. Corequisites: HL151, HL212, HL216, HL220, and HL226.

**HL235 Care of Special Patients 2 CR**

Patients with special care needs or with care needs that fall outside of the normal pre-hospital education spectrum constitute a significant group within health care. This course is designed to give students the knowledge and skills necessary to assess, treat, and transport patients with special needs. Topics addressed in this course include pediatric patients, neonatal patients, geriatric patients, technology-assisted patients, morbidly obese patients, hospice residents, functional and developmentally delayed patients, and homecare patients. Content of this course may be altered based on instructor specialty, current recommendations from national and state accrediting bodies, and best practices identified in the industry.

Prerequisites (must be completed with a B- or better): HL151, HL212, HL216, HL220, HL226, and HL234.

Corequisites: HL153, HL213, HL217, HL221, and HL227.

**HL240 Paramedic Capstone Preparation 5 CR**

At this point in the program, students have completed all didactic and practical skills evaluations and have demonstrated competence. Concurrent enrollment with Capstone Field Internship is required, and all other paramedic coursework must be successfully completed prior to enrollment in this course. This course is designed to give students an optimal chance of passing both the NREMT Practical and Written Exam. This course reviews and reinforces key topics, practical skills, and test-taking strategies. Students must pass this class and get the paramedic program department chair's approval to sit for both the Written and Practical NREMT Exams. Prerequisites (must be completed with a B- or better): HL153, HL213, HL217, HL221, HL227, and HL235. Corequisite: HL255.

**HL255 Capstone Field Internship 4 CR**

At this point in the program, students have completed all didactic and practical skills evaluations and have demonstrated competence. This capstone course is designed to culminate activity at the end of the Associate of Applied Science Paramedic or Certificate of Completion Paramedic Program. Concurrent enrollment with Paramedic Capstone Preparation is required, and all other paramedic coursework must be successfully completed prior to enrollment in this course. Students are required to complete 250 internship hours with an ALS agency. Prerequisites (must be completed with a B- or better): HL153, HL213, HL217, HL221, HL227, and HL235. Corequisite: HL240.

***HS – HISTORY***

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**HS105 American History I 4 CR**

This course begins with an overview of Native settlement patterns before the arrival of the Mayflower. It addresses the arrival of colonists to the eastern shore of North America and their descendants who eventually waged the successful American War for Independence beginning in 1776. Also covered is the formation of a new government, the acquisition of new territory, and the march toward fulfilling "manifest destiny" prior to the Civil War. This course comprises the themes addressed in this first of two courses, detailing the persons and events which are the history of the United States.

Corequisite: EN111 or permission of instructor.

**HS109 History of World Civilization I 3 CR**

This course is a survey of the history of World Civilization from its prehistoric roots through the year 1500. This study will investigate the origin and development of cultural trends from the civilizations of the Americas, Asia, India, and the Mediterranean through the era of European Feudalism; culminating with events of the high middle ages in Europe, and events in Ming China. This course will include a study of political history, philosophy, and literature.

Corequisite: EN111 or permission of instructor.

**HS202 Michigan History 3 CR**

This course introduces students to the general history of the State of Michigan from its days as a territory of the nation of France, then Britain, and finally as a territory, and subsequently a state of the United States of America. Prerequisite: EN111.

**HS212 American Government 4 CR**

This course is a study of the processes and functions of national government. It includes a study of Federalism, political parties, Constitutional principles, and the role of the citizen. It will also examine the ongoing relationship between the Federal government and the Indian tribes. Prerequisite: EN111.

**HU – HUMANITIES**

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**HU116 Art Appreciation 3 CR**

This course offers a thematic and global approach to learning about art and art appreciation. Students will begin to learn about the balance of Western and non-Western approaches to art, its purposes and functions, and will discover and explore the diverse approaches of artists. Students will also learn to identify characteristics that unite cultural differences and those that show distinction. Prerequisite: None.

**HU122 Native American Art Appreciation 3 CR**

This course discusses the art of Native peoples of North America from prehistoric times to the present. It explores the diverse regions, traditions, mediums, issues, styles, and themes of Native North American art works and artists. Prerequisite: none.

**LA – LIBERAL ARTS**

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**LA219 Liberal Arts Capstone Seminar 3 CR**

This course is to be taken during the student's final semester in the Liberal Arts program. Students will develop and polish skills needed for further education or entering the workforce. Students will build a portfolio, job shadow, complete community service, develop a thesis, and improve financial management and public speaking skills. Prerequisite: Successful completion of all mathematics and communications requirements and electives, and permission of Department Chair.

**MA – MATHEMATICS**

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**MA097 Corequisite Support to MA113 2 CR**

This course is designed to help students review and develop skills necessary to succeed in the primary course, MA 113 Quantitative Reasoning. This course will integrate fundamental concepts and operations of arithmetic, percentages, ratios and proportional reasoning, quantitative reasoning skills, data literacy, and equations. This course may not transfer. Prerequisite: Appropriate placement score less than three years old. Corequisites: ED105 and MA113.

**MA098 Corequisite Support to MA114 2 CR**

This course is designed to help students review and develop skills necessary to succeed in the primary course, MA 114 Intermediate Algebra. This course will integrate fundamental concepts and operations of algebra, polynomials, factoring, linear and quadratic equations, functions, graphs, and radicals. This course may not transfer. Prerequisite: Appropriate placement score less than three years old. Corequisites: ED105 and MA114.

**MA105 Introductory Algebra 5 CR**

This course is an accelerated course in Introductory Algebra. Topics covered will include basic mathematical and algebraic skills, ratios, percentages, proportional reasoning, solving equations, linear and exponential models, dimensional analysis, data interpretation, polynomials, factoring, and introduction to quadratic equations. A significant portion of class time is devoted to required collaborative group work with instructor facilitation and guidance. Students should be prepared to actively participate in group discussions during every lesson. Corequisite: ED105.

**MA 108 Construction Tech Math 3 CR**

This course is designed to teach students practical mathematic applications to solve problems in the area of construction technologies. Students will learn how to estimate materials, figure cost, calculate area, figure volume, and use formulas. The course will move into basic algebraic skills that will be used in geometry and trigonometry necessary for the building trades.

**MA113 Quantitative Reasoning 4 CR**

This course is designed to assist students in interpreting and communicating mathematical/statistical information in a variety of ways. Topics covered include arithmetic reasoning, mathematical modeling, mathematics of finance, similarity and scaling, probability, statistical reasoning, and use of numeric, symbolic, and graphical methods to solve problems. Students will develop an ability to think critically and logically and make decisions about real world issues. Students will be required to commit to working weekly in a group work format. This is essential to success in the course. Prerequisite: appropriate math placement score less than three years old. Corequisite: CS121, and MA097 if required by placement score.

**MA114 Intermediate Algebra 4 CR**

This course is designed for students with at least 1 year of high school algebra. It is a study of number systems, first-degree equations and inequalities, polynomials, radical and rational expressions, systems of linear equations, quadratic equations, and exponential and logarithmic functions. In order to succeed in this curriculum, it is recommended that you complete the mathematics sequence in a timely manner. Prerequisite: appropriate math placement score less than three years old. Corequisite: MA098 if required by placement score.

**MA116 College Algebra 4 CR**

This course is for business, life, and social science students who wish to transfer into a degree program. It is the study of inequalities, linear, polynomial and rational functions, exponential and logarithmic functions, mathematics of finance, systems of equations and matrices, and an introduction to probability and sequences. In order to succeed in this curriculum, it is recommended that you complete the mathematics sequence in a timely manner. Prerequisite: MA114 with C or better, or appropriate placement score less than three years old.

**MA118 Trigonometry 4 CR**

The course is a study of trigonometry functions and graphs, laws of sine and cosine, right triangle and unit circle, vectors, inverse trigonometry functions, trigonometry identities, conic sections, exponential and logarithmic functions and applications, solving trigonometry equations and applications and polar coordinates. Prerequisite: MA116 with a C or better.

**MA206 Statistical Methods 4 CR**

This course is for students who wish to continue their study of mathematics and plan to transfer to a program which requires higher mathematical skills and/or the study of statistics. It is an introduction to the study of descriptive statistics, sampling techniques, probability distributions, statistical inference (tests of hypothesis), correlation, and regression. In order to succeed in this curriculum, it is recommended that you complete the mathematics sequence in a timely manner.

Prerequisite: MA113 or MA114 with a C or better.

**NA – NATIVE AMERICAN STUDIES**

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**NA104 Topics in Native American Studies 1 CR**

This course is designed to familiarize the student with the variety of topics and competitions that are a part of the annual American Indian Higher Education Consortium Student Conference. Topics will include Native American culture, history, business, art, theater, traditional games, and native fauna and flora. Prerequisite: None.

**NA110 Native Americans: Sharing Our Culture and Traditions 3 CR**

This course provides a means of sharing cultural and traditional norms between the Native American Tribes of the United States. It demonstrates the diversity of the Native American ways of life, including cultural changes and continuity of traditions in present day Native American cultures. Prerequisite: None.

**NA113 Native American Awareness 1 CR**

This course is designed to provide an increased awareness and understanding of the Anishinaabe people of the past and present. Students will participate in group discussions in a talking circle format, supplemented with video presentations, guest speakers, and/or field trips. Prerequisite: None.

**NA117 Introduction to Native American Beading 2 CR**

This course presents a hands-on approach to familiarizing the student with traditional Native American beadwork. Emphasis will be placed on beadwork styles of the Anishinaabe. Students will complete individual beadwork projects.

Prerequisite: None.

**NA122 Native American Art Appreciation 3 CR**

This course discusses the art of Native peoples of North America from prehistoric times to the present. It explores the diverse regions, traditions, mediums, issues, styles, and themes of Native North American art works and artists. Prerequisite: none.

**NA123 Native American Contributions to Society 4 CR**

Throughout the course, students will look at the contributions that Native Americans have made to past and present society. Topics covered will include agriculture, medicine, art, language, politics, hunting, technology, and food. Each week students will discuss and complete assignments to reinforce the weekly material. Corequisite: EN111.

**NA125 History and Organization of Michigan Indian Tribes 4 CR**

This course will examine the history of Michigan Indian Tribes (present and past) and their chronological relationship with the Federal and State Governments. Overviews of tribal histories will include the Chippewa, Ottawa, Potawatomi, Menominee, Huron, Sac & Fox, & Miami Tribes. Corequisite: EN111.

**NA131 Anishinaabek Legends & Oral Traditions 3 CR**

This course presents oral teachings of the Anishinaabe people through the use of audio and video presentation and guest speaking elders, supplemented by written texts. Emphasis will be on season-specific legends, (i.e. Wenebojo, Nanaboj, Nanabush) and various other teachings. This course offered during the winter season only. Prerequisite: None.

**NA132 People and the Land - Seasonal Life Ways 3 CR**

This course studies the relationship between the Anishinaabe people and nature, focusing on their seasons, their ceremonies, and the seasonally ordered progression of work. Students will participate in seasonal-specific field trips, supplemented with guest speakers, input from elders, and video presentations. Prerequisite: None.

**NA136 Anishinaabek Clothing, Adornment & Handcrafts 3 CR**

This course presents a hands-on approach to familiarizing the student with traditional Anishinaabek styles of clothing, adornment, and other handcrafted items native to the Great Lakes region. Students will complete individual projects such as various types of beadwork, ribbon appliqué, leatherwork, basketry, quillwork, etc. Lab fee required. Prerequisite: None.

**NA154 Traditional Drumming and Singing I 3 CR**

This course is designed for the beginner and is taught from a Traditional Anishinaabek perspective. It will introduce basic drumming and singing etiquette and techniques starting with the teachings of the drum and progressing through a variety of song styles commonly used at pow-wows and social gatherings.

**NA155 Traditional Drumming and Singing II 3 CR**

This course is a continuation of NA154 and expands upon different styles of song and dance with emphasis on pow-wow drumming and singing. Students will be introduced to other drums used by the Anishinaabek and will receive traditional teachings on their origin and use. Prerequisite: NA154 or permission of instructor.

**NA213 Contemporary Native American Issues 3 CR**

This course is an examination of current Native American achievements, issues, problems and events. Students are introduced to Native and non-Native newspapers, magazines, periodicals, and publications which report on events affecting Native Americans on an international, national, regional & local level. Corequisite: EN111 or permission of instructor.

**NA219 Tribal Government and Economic Issues 3 CR**

This course is an examination of tribal government and current tribal economic development issues. Course topics include, but are not limited to, structure and roles of reservation governments, gaming, and other tribal business enterprises.

Prerequisites: EN111 or permission of instructor.

**NA225 Contemporary Native American Literature 3 CR**

This course is an overview of Native American literature which touches on foundations in oral tradition and oratory but focuses on modern poetry, fiction, drama, film, biography and essays. Emphasis is placed on recognizing the unique thematic concerns of Native literature. (see also EN225) Prerequisite: EN112, or permission of instructor.

**NA305 Tribal Law 3 CR**

This course will explore such areas as the structure of tribal government, tribal sovereignty, treaties, civil and criminal court jurisdiction in Indian country, tribal resources, economic development, taxation and regulation, rights of individual Indians, and various federal laws and court cases concerning and affecting tribes and their members.

Prerequisites: EN111, or permission of instructor.

***NL – NATIVE LANGUAGE***

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**NL101 Introduction to the Anishinaabe Language I 1 CR**

This is an introductory course that presents basic concepts of conversation in the Anishinaabe language. Students will have the opportunity to increase their vocabulary, learn to pronounce words correctly, and understand that the Anishinaabe culture is within the language. Prerequisite: None.

**NL102 Introduction to the Anishinaabe Language II 1 CR**

This is a continuation of NL101 Introduction to the Anishinaabe Language I. This course continues to build on the basic concepts of conversation in the Anishinaabe language. Students will increase their vocabulary, learn to pronounce, and read and write in Anishinaabemowin. Students will also deepen their understanding of Anishinaabe culture and language.

Prerequisite: None.

**NL103 Introduction to the Anishinaabe Language III 1 CR**

This is a continuation of NL102 Introduction to the Anishinaabe Language II. This course continues to build on the concepts of conversation in the Anishinaabe language. Students will continue to increase their vocabulary, learn more complex grammar structures, and expand their use of reading and writing in Anishinaabemowin. Students will also deepen their understanding of Anishinaabe culture and language. Prerequisite: None.

**NL105 Ojibwe Language I 4 CR**

This is an introductory course to the Ojibwe Language. Students will have the opportunity to learn simple phrases, greetings, nouns, and structure (grammar) in Ojibwe. Students will also have the opportunity to learn culturally relevant Anishinaabek teachings. Emphasis will be on listening and recognition of the flow of the language. Prerequisite: None.

**NL106 Ojibwe Language II 4 CR**

This course will expand upon Ojibwe I, keeping the verb as the main focus and continuing work with the double vowel system. Students will learn to write sentences and simple dialogue on their own. This course will also include Ojibwe cultural activities. Prerequisite: NL105 or permission of instructor.

**NL109 Ojibwe Language III (Intermediate I) 3 CR**

This course will emphasize conversational Ojibwe. Students will continue utilizing the nouns and verbs from Ojibwe II. More class time will be spent on oral exercises. Prerequisite: NL106 or permission of instructor.

**NL112 Introduction to the Sound Based Method of Understanding Anishinaabemowin –Part I 2 CR**

This is an introductory course in understanding the root concepts of Anishinaabemowin. Prerequisite: None.

**NL114 Introduction to the Sound Based Method of Understanding Anishinaabemowin –Part II 2 CR**

A course in understanding Anishinaabemowin from the point of view of the first language fluent speaker of the pre-Columbian time. The worldview of those past speakers is important to understanding what is actually said when the language is spoken. We will look at how the original concepts apply to actions we see today while the sounds and meanings remain the same. This course is designed to be taught concurrently to the introductory class of the sound based method. Students of this course will be encouraged to assist in explaining to the first year students the most basic concepts of the language as they understand them. Prerequisite: NL112.

**NL121 Speaking Anishinaabemowin 1 1 CR**

This course will focus on developing the learner's Anishinaabemowin speaking skills. Students will have the opportunity to listen and practice speaking Anishinaabemowin. The course will utilize the American Council of Teachers of Foreign Languages (ACTFL) Proficiency Guidelines. Students will practice and demonstrate speaking skills starting from the Novice – Low level and working towards the Superior Level of Speaking Proficiency. Prerequisite: None.

**NL122 Speaking Anishinaabemowin 2 1 CR**

This course will focus on developing the learner's Anishinaabemowin speaking skills. Students will have the opportunity to listen and practice speaking Anishinaabemowin. The course will utilize the American Council of Teachers of Foreign Languages (ACTFL) Proficiency Guidelines. Students will practice and demonstrate speaking skills starting from the Novice – Low level and working towards the Superior Level of Speaking Proficiency. Prerequisite: None.

**NL123 Speaking Anishinaabemowin 3 1 CR**

This course will continue from the NL122 Speaking Anishinaabemowin 2 course to develop the learner's Anishinaabemowin speaking skills. The course will utilize ACTFL's (American Council of Teachers of Foreign Languages) Proficiency Guidelines as applied to Anishinaabemowin for students to practice and demonstrate speaking skills, starting from the Novice-Mid level and working towards the Superior Level of Proficiency. Corequisite: one Anishinaabemowin Pane Program (NP) course or NL105 and NL106.

**NL124 Speaking Anishinaabemowin 4 1 CR**

This course will continue from the NL123 Speaking Anishinaabemowin 3 course. It will further develop the learner's Anishinaabemowin speaking skills. The course will utilize ACTFL's (American Council of Teachers of Foreign Languages) Proficiency Guidelines as applied to Anishinaabemowin for students to practice and demonstrate speaking skills from the Novice-Mid level and working towards the Superior Level of Proficiency. Corequisite: one Anishinaabemowin Pane Program (NP) course or NL105 and NL106.

**NL125 Speaking Anishinaabemowin 5 1 CR**

This course will continue from the NL123 and NL124 - Speaking Anishinaabemowin 3 and Speaking Anishinaabemowin 4 courses. It will further develop the learner's Anishinaabemowin speaking skills. The course will utilize ACTFL's (American Council of Teachers of Foreign Languages) Proficiency Guidelines as applied to Anishinaabemowin for students to practice and demonstrate speaking skills from the Novice-Mid level and working towards the Superior Level of Proficiency. Corequisite: one Anishinaabemowin Pane Program (NP) course or NL105 and NL106.

**NL126 Speaking Anishinaabemowin 6 1 CR**

This course will continue from the NL123 and NL124 - Speaking Anishinaabemowin 3 and Speaking Anishinaabemowin 4 courses. It will further develop the learner's Anishinaabemowin speaking skills. The course will utilize ACTFL's (American Council of Teachers of Foreign Languages) Proficiency Guidelines as applied to Anishinaabemowin for students to practice and demonstrate speaking skills from the Novice-Mid level and working towards the Superior Level of Proficiency. Corequisite: one Anishinaabemowin Pane Program (NP) course or NL105 and NL106

**NL127 Speaking Anishinaabemowin 7 1 CR**

This course will continue from the NL121 Speaking Anishinaabemowin 1 through NL126 Speaking Anishinaabemowin 6 courses to further develop the learner's Anishinaabemowin vocabulary and speaking skills. The course will utilize ACTFL's (American Council of Teachers of Foreign Languages) Proficiency Guidelines as applied to Anishinaabemowin for students to practice and demonstrate speaking skills from the Novice-High level and working towards the Superior Level of Proficiency. Corequisite: Any two courses from years one and two of the Anishinaabemowin Pane Program, or NL106 Ojibwe Language II, or equivalent courses outside of BMCC, or permission of instructor.

**NL128 Speaking Anishinaabemowin 8 1 CR**

This course will continue from the NL121 Speaking Anishinaabemowin 1 through NL126 Speaking Anishinaabemowin 6 courses to further develop the learner's Anishinaabemowin vocabulary and speaking skills. The course will utilize ACTFL's (American Council of Teachers of Foreign Languages) Proficiency Guidelines as applied to Anishinaabemowin for students to practice and demonstrate speaking skills starting from the Novice-High level and working towards the Superior Level of Proficiency. Corequisite: Any two courses from years one and two of the Anishinaabemowin Pane Program, or NL106 Ojibwe Language II, or equivalent courses outside of BMCC, or permission of instructor.

**NL129 Speaking Anishinaabemowin 9 1 CR**

This course will continue from the NL121 Speaking Anishinaabemowin 1 through NL128 Speaking Anishinaabemowin 8 courses, it will continue developing the learner's Anishinaabemowin vocabulary and speaking skills. The course will utilize ACTFL's (American Council of Teachers of Foreign Languages) Proficiency Guidelines as applied to Anishinaabemowin for students to practice and demonstrate speaking skills starting from the Novice-High to Intermediate-Mid level and working towards the Superior Level of Proficiency. Prerequisites: Four NP\*\*\* courses (may include NL105 and NL106), or permission of instructor

**NL130 Speaking Anishinaabemowin 10 1 CR**

This course will continue from the NL121 Speaking Anishinaabemowin 1 through NL129 Speaking Anishinaabemowin 9 courses, it will continue developing the learner's Anishinaabemowin vocabulary and speaking skills. The course will utilize ACTFL's (American Council of Teachers of Foreign Languages) Proficiency Guidelines as applied to Anishinaabemowin for students to practice and demonstrate speaking skills starting from the Novice-High to Intermediate-Mid level and working towards the Superior Level of Proficiency. Prerequisites: Four (4) NP\*\*\* courses (may include NL105 and NL106), or permission of instructor

**NL131 Speaking Anishinaabemowin 11 1 CR**

This course will continue from the NL121 Speaking Anishinaabemowin 1 through NL130 Speaking Anishinaabemowin 10 courses to continue developing the learner's Anishinaabemowin vocabulary and speaking skills. The course will utilize ACTFL's (American Council of Teachers of Foreign Languages) Proficiency Guidelines as applied to Anishinaabemowin for students to gain additional speaking practice hours and demonstrate expanded speaking skills ranging from Level 1, Novice-High to Level 3, Advanced-Low level and working towards the Superior Level of Proficiency. Prerequisites: Six (6) courses from years one to three of the Anishinaabemowin Pane Diploma program, or NL105 and NL106, or equivalent courses outside of BMCC, or permission of instructor.

**NL131 Speaking Anishinaabemowin 11 1 CR**

This course will continue from the NL121 Speaking Anishinaabemowin 1 through NL130 Speaking Anishinaabemowin 10 courses to continue developing the learner's Anishinaabemowin vocabulary and speaking skills. The course will utilize ACTFL's (American Council of Teachers of Foreign Languages) Proficiency Guidelines as applied to Anishinaabemowin for students to gain additional speaking practice hours and demonstrate expanded speaking skills ranging from Level 1, Novice-High to Level 3, Advanced-Low level and working towards the Superior Level of Proficiency. Prerequisites: Any six (6) courses from the Anishinaabemowin Pane Diploma program and Speaking Anishinaabemowin courses, or permission of instructor

**NL209 Anishinaabe Language Teaching Methods 3 CR**

This course is an introduction to the general principles of teaching Anishinaabemowin, stressing development of listening comprehension and speaking skills. In lesson planning, focus will be on structural and communicative approaches. Prerequisite: NL106 and NP142, or permission of instructor.

***NP – ANISHINAABEMOWIN PANE PROGRAM***

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**NP141 Basic Immersion I 6 CR**

This course, delivered entirely in Anishinaabemowin, is designed for both new and continuing Anishinaabemowin learners. Through a variety of techniques, including story-telling, the instructor creates for the students a context in which the language is heard. For many students, this may be the first time they have heard the language used for an extended period. Students will have the opportunity to become familiar with the sound of Anishinaabemowin. It is expected that the student will begin to comprehend the broad context of the instructor's narrative without having to resort to grammatical study. Prerequisite: None.

**NP142 Basic Immersion II 6 CR**

This course is a continuation of NP141. It is delivered entirely in Anishinaabemowin and focuses on hearing, listening and comprehension. Through story-telling the instructor facilitates the student's ability to understand general meaning and significant events within a story. Through the continued development of immersion listening skills, the student's comprehension is further improved allowing the acquisition of a broadened core vocabulary and an enhanced ability to recognize meaning in natural speech. Prerequisite: None.

**NP143 Basic Immersion III 6 CR**

This course, delivered entirely in Anishinaabemowin, is a continuation of NP141 and NP142. Using progressively higher levels of speech, sentence structure and vocabulary, the instructor continues to promote the development of the student's immersion listening skills and comprehension. The student will demonstrate an understanding of increasingly subtle nuances in each story and will begin to respond appropriately, in either English or Anishinaabemowin, to questions from the instructor. Prerequisite: None.

**NP151 Introduction to Immersion I 6 CR**

This course, team taught entirely in Anishinaabemowin, will focus on introducing the learner to language immersion, familiarizing the learner to the techniques used by the instructors in an immersion environment, and building the confidence of the learner to remain committed to the immersion approach to second language acquisition. The focus will initially be on hearing the language used in a wide variety of contexts to develop an ability to recognize the sound, intonation, and rhythm of the speech of fluent speakers. Hearing the language is a prerequisite to listening to the language for comprehension. Prerequisite: None.

**NP152 Introduction to Immersion II 6 CR**

This course, delivered entirely in Anishinaabemowin, will continue the immersion techniques introduced in NP151. Instructors will maintain an immersion environment, develop the student's immersion listening skills, and continue to strengthen the student's commitment to the immersion approach to second language acquisition. The focus will remain on maximizing the student's hearing the language used in a wide variety of contexts in order to develop an ability to recognize the sound, intonation, and rhythm of speech of fluent speakers. Hearing the language is a prerequisite to listening to the language for comprehension. Prerequisite: None.

**NP153 Introduction to Immersion III 6 CR**

This course, delivered entirely in Anishinaabemowin, will conclude the student's introduction to language immersion education presented in NP151 and NP152. Instructors will maintain an immersion environment and continue building the confidence of the student to understand and remain committed to the immersion approach to second language acquisition. The focus will remain on maximizing the student's hearing the language used in a wide variety of contexts in order to develop an ability to recognize the sound, intonation, and rhythm of the speech of fluent speakers. Instructors will monitor individual student's progress and adjust the level of language used to meet each student's level of acquisition. Prerequisite: None.

**NP171 Basic Immersion IV 6 CR**

This course, delivered entirely in Anishinaabemowin, is designed to increase the listening comprehension of the student beyond the basic level. The student will become more confident in his/her ability to comprehend the speech of a fluent speaker. The student will continue the development of his/her ability to respond to and interact with the instructor. Prerequisite: None.

**NP172 Basic Immersion V 6 CR**

This course, delivered entirely in Anishinaabemowin, is a continuation of NP171. It is designed to further develop the student's listening comprehension. The student will be able to understand in greater detail the emotive and descriptive nuances in the speech of a first-speaker, as well as be able to broadly describe in English the subject matter presented by the instructor. The student will exhibit a greater facility to respond appropriately in either Anishinaabemowin or in English to the instructor. Prerequisite: None.

**NP173 Basic Immersion VI 6 CR**

This course, taught entirely in Anishinaabemowin, is a continuation of NP172. The course continues to increase the comprehension level of the student. The student will develop an increased ability to understand the finer points of what is being communicated, and an emergent ability to translate from Anishinaabemowin to English will show itself in the student. Prerequisite: None.

**NP181 Introduction to Immersion IV 6 CR**

This course, delivered entirely in Anishinaabemowin, builds on the first year immersion experience. Instructors will create an immersion environment designed to increase the listening comprehension of the student beyond the introductory level while continuing to build the confidence of the learner to understand and remain committed to the immersion approach to second language acquisition. The instructors will use a variety of techniques to maximize the student's hearing of the language. Hearing the language used in a wide variety of contexts will lead to an increased capacity to comprehend the speech of fluent speakers. Instructors will monitor individual student's progress and adjust the level of language used to meet each student's level of acquisition. Prerequisite: None.

**NP182 Introduction to Immersion V 6 CR**

This course, delivered entirely in Anishinaabemowin, is a continuation of NP181 Introduction to Immersion IV. Prerequisite: None.



**NP183 Introduction to Immersion VI 6 CR**

This course, delivered entirely in Anishinaabemowin, is a continuation of NP182 Introduction to Immersion V. Additional hours with the instructor(s) and/or fluent speakers outside of the weekend experience will be arranged by the student to generate additional hours of comprehensible input. Prerequisite: None.

**NP241 Intermediate Immersion I 6 CR**

This course, taught entirely in Anishinaabemowin, is a continuation of NP173. The course continues to increase the comprehension level of the student to an intermediate level. The student will continue to develop his/her understanding of the messages being communicated by first-speakers of Anishinaabemowin and be able to better respond to questions offered in the language. The student will be able to demonstrate an increased facility to broadly translate from Anishinaabemowin to English by correctly identifying character(s), setting, story sequence, and meaning. Prerequisite: None.

**NP242 Intermediate Immersion II 6 CR**

This course, taught entirely in Anishinaabemowin, is a continuation of NP241. The course continues to increase the comprehension level of the student to an intermediate level. The student will continue to develop his/her understanding of the messages being communicated by first-speakers of Anishinaabemowin and be able to better respond to questions offered in the language. The student will be able to demonstrate an increased facility to broadly translate from Anishinaabemowin to English by correctly identifying character(s), setting, story sequence, and meaning. Prerequisite: None.

**NP243 Intermediate Immersion III 6 CR**

This course, taught entirely in Anishinaabemowin, is a continuation of NP242. The course continues to increase the comprehension level of the student to an intermediate level. The student will continue to develop his/her understanding of the messages being communicated by first-speakers of Anishinaabemowin and be able to better respond to questions offered in the language. The student will also be able to demonstrate an increased facility to broadly translate from Anishinaabemowin to English by correctly identifying character(s), setting, story sequence, and meaning. Prerequisite: None.

**NP251 Listening Comprehension I 6 CR**

This course, team taught in Anishinaabemowin, builds on the first two years of course offerings and weekend immersions. The student will exhibit a higher level of listening comprehension and demonstrate a greater facility to respond to and interact with the instructors in either Anishinaabemowin or in English. Prerequisite: None.

**NP252 Listening Comprehension II 6 CR**

This course, team taught in Anishinaabemowin, is a continuation of NP251. The student will exhibit a higher level of listening comprehension and demonstrate a greater facility to respond to and interact with the instructors in either Anishinaabemowin or in English. Prerequisite: None.

**NP253 Listening Comprehension III 6 CR**

This course, team taught in Anishinaabemowin, is a continuation of NP252. The student will exhibit an increased level of listening comprehension and demonstrate a greater facility to respond to and interact with the instructors in either Anishinaabemowin or in English. Prerequisite: None.

**NP271 Intermediate Immersion IV 6 CR**

This course, delivered entirely in Anishinaabemowin, will continue to increase the student's comprehension level and begin to facilitate the student's production of speech. The decision to speak in Anishinaabemowin is still the choice of the student. Speaking Lab hours will be offered separately. Prerequisite: None.

**NP272 Intermediate Immersion V 6 CR**

This course is delivered entirely in Anishinaabemowin. By this point in the Anishinaabemowin Pane Immersion Program students will understand fully what the instructor is saying and will be able to translate accurately the general content of that speech. Students will be able to engage in dialogues with the instructor and answer appropriately questions posed by the instructor. Speaking Lab hours will be offered separately. Prerequisite: None.

**NP273 Intermediate Immersion VI 6 CR**

This course is delivered entirely in Anishinaabemowin. Students will continue to receive comprehensible input through storytelling and other activities that the instructors deem necessary to facilitate the students' ability to understand general meaning and significant events within a story/activity. Students will continue to increase their level of understanding and demonstrate this by communicating and answering questions appropriately. Prerequisite: None.

**NP281 Listening Comprehension IV 6 CR**

This course, team taught in Anishinaabemowin, builds on the first three years of courses. The students listening comprehension will be at an intermediate-high to advanced-low level. The production of speech will begin to emerge spontaneously, and speaking lab hours will be offered separately. Prerequisite: None.

**NP282 Listening Comprehension V 6 CR**

This course, team taught entirely in Anishinaabemowin, is a continuation of NP281. Students will understand at an advanced-low to advanced-mid level what the instructor(s) is saying and will be able to translate accurately the general content of that speech. Students will be able to engage in dialogues at the beginner-low to beginner-mid level or higher, if they have engaged with speakers in speaking lab and/or outside the classroom setting. Students will answer appropriately questions posed by the instructor(s). Prerequisite: None.

**NP283 Listening Comprehension VI 6 CR**

This course is delivered entirely in Anishinaabemowin; it is a continuation of NP282. Students will continue to receive comprehensible input through storytelling and other activities that the instructors deem necessary to facilitate the students' ability to understand general meaning and significant events within a story/activity. Lab hours will be offered separately and/or students will spend additional hours with fluent speaker(s), and/or participating in language camps, conferences and workshops. Prerequisite: None.

**NP341 Advanced Immersion I 6 CR**

This course, team taught in Anishinaabemowin, builds on the first two years of course offerings and weekend immersions. The student will exhibit a higher level of listening comprehension and demonstrate a greater facility to respond to and interact with the instructors in either Anishinaabemowin or in English. Additional hours with the instructor(s) and/or fluent speakers outside of the weekend immersions will be arranged by the student to generate additional hours of comprehensible input.

Prerequisite: None.

**NP342 Advanced Immersion II 6 CR**

This course, delivered entirely in Anishinaabemowin, is a continuation of NP341. Students with intermediate-high to advanced-low comprehension listening skills will continue to develop those skills by interacting with first-speaker instructors and demonstrating their translation skills. Instructors will utilize story-telling, skits, and word games incorporating a variety of language usage in a number of social and cultural settings. Speaking Lab hours will be offered separately. Prerequisite: None.

**NP343 Advanced Immersion III 6 CR**

This course, delivered entirely in Anishinaabemowin, is a continuation of NP342. Students with intermediate-high to advanced-low comprehension listening skills will continue to develop those skills by interacting with first-speaker instructors and demonstrating their translation skills. Instructors will utilize story-telling, skits, and word games incorporating a variety of language usage in a number of social and cultural settings. Speaking Lab hours will be offered separately. Prerequisite: None.

**NP351 Comprehensive Immersion I 6 CR**

This course, team taught entirely in Anishinaabemowin, builds on the first four years of courses and is the second course of Year 5 of the Anishinaabemowin Pane Immersion Program. Instructors and students meet for five weekend sessions during the semester for eighteen hours of immersion over two days. Students with advanced-low to advanced-high comprehension listening skills will continue to develop those skills by interacting with first-speaker instructors and demonstrating their translation skills. Instructors will utilize story-telling, skits, and word games incorporating a variety of language usage in a number of social and cultural settings. Speaking Lab hours will be offered separately and/or students will spend additional hours with fluent speaker(s), and/or participating in language camps, conferences and workshops. Prerequisite: None.

**NP352 Comprehensive Immersion II 6 CR**

This course, team taught entirely in Anishinaabemowin, is a continuation of NP351. Instructors and students meet for five weekend sessions during the semester for eighteen hours of immersion over two days. Students with advanced-low to advanced-high comprehension listening skills will continue to improve those skills by interacting with first-speaker instructors and demonstrating their translation skills. Instructors will utilize story-telling, skits, and word games incorporating a variety of language usage in a number of social and cultural settings. Speaking Lab hours will be offered separately and/or students will spend additional hours with fluent speaker(s), and/or participating in language camps, conferences and workshops.

Prerequisite: None.

**NP353 Comprehensive Immersion III 6 CR**

This course, team taught entirely in Anishinaabemowin, is a continuation of NP352. Instructors and students meet for five weekend sessions during the semester and for eighteen hours of immersion over two days. Students with advanced-low to advanced-high comprehension listening skills will continue to improve those skills by interacting with first-speaker instructors and demonstrating their translation skills. Instructors will utilize story-telling, skits, and word games incorporating a variety of language usage in a number of social and cultural settings. Speaking Lab hours will be offered separately and/or students will spend additional hours with fluent speaker(s), and/or participating in language camps, conferences and workshops.

Prerequisite: None.

**NP371 Advanced Immersion IV 6 CR**

This course, delivered entirely in Anishinaabemowin, is a continuation of NP343 and initiates the sixth year Anishinaabemowin Pane Immersion Program. Students with advanced-mid to advanced-high comprehension listening skills will continue to improve those skills by interacting with first-speaker instructors and demonstrating their translation skills. Instructors will utilize story-telling, skits, and word games incorporating a variety of language usage in a number of social and cultural settings. Speaking Lab hours will be offered separately and/or students will spend additional hours with fluent speaker(s), and/or participating in language camps, conferences and workshops. Prerequisite: None.

**NP372 Advanced Immersion V 6 CR**

This course, delivered entirely in Anishinaabemowin, is a continuation of NP371. Students with advanced-mid to advanced-high comprehension listening skills will continue to improve those skills by interacting with first-speaker instructors and demonstrating their translation skills. Instructors will utilize story-telling, skits, and word games incorporating a variety of language usage in a number of social and cultural settings. Speaking Lab hours will be offered separately and/or students will spend additional hours with fluent speaker(s), and/or participating in language camps, conferences and workshops.

Prerequisite: None.

**NP373 Advanced Immersion VI 6 CR**

This course, delivered entirely in Anishinaabemowin, is a continuation of NP372 and is part of the final courses in the sixth and final year of the Anishinaabemowin Pane Immersion Program. Students with advanced-mid to advanced-high comprehension listening skills will continue to improve those skills by interacting with first-speaker instructors and demonstrating their translation skills. Instructors will utilize story-telling, skits, and word games incorporating a variety of language usage in a number of social and cultural settings. Speaking Lab hours will be offered separately and/or students will spend additional hours with fluent speaker(s), and/or participating in language camps, conferences and workshops.

Prerequisite: None.

**NP381 Comprehensive Immersion IV 6 CR**

This course, team taught entirely in Anishinaabemowin, is a continuation of NP353 and is part of Year 6, the final year of the Anishinaabemowin Pane Immersion Program. Instructors and students meet for five weekend sessions during the semester for a total of eighteen hours of immersion over two days. Students with advanced-low to advanced-high comprehension listening skills will continue to improve those skills by interacting with first-speaker instructors and demonstrating their translation skills. Instructors will utilize story-telling, skits, and word games incorporating a variety of language usage in a number of social and cultural settings. Speaking Lab hours will be offered separately and/or students will spend additional hours with fluent speaker(s), and/or participating in language camps, conferences and workshops. Prerequisite: None.

**NP382 Comprehensive Immersion V 6 CR**

This course, team taught entirely in Anishinaabemowin, is a continuation of NP381. Instructors and students meet for five weekend sessions during the semester and spend a total of eighteen hours of immersion over two days. Students with advanced-mid to advanced-high comprehension listening skills will continue to improve those skills by interacting with first-speaker instructors and demonstrating their translation skills. Instructors will utilize story-telling, skits, and word games incorporating a variety of language usage in a number of social and cultural settings. Speaking Lab hours will be offered separately and/or students will spend additional hours with fluent speaker(s), and/or participating in language camps, conferences and workshops. Prerequisite: None.

**NP383 Comprehensive Immersion VI 6 CR**

This course, team taught entirely in Anishinaabemowin, is a continuation of NP382 and is the final weekend immersion course of Year 6 of the Anishinaabemowin Pane Immersion Program. Instructors and students meet for five weekend sessions during the semester and spend a total of eighteen hours of immersion over two days. Students with advanced-high comprehension listening skills will continue to improve those skills by interacting with first-speaker instructors and demonstrating their translation skills. Instructors will utilize story-telling, skits, and word games incorporating a variety of language usage in a number of social and cultural settings. Speaking Lab hours will be offered separately and/or students will spend additional hours with fluent speaker(s), and/or participating in language camps, conferences and workshops. Prerequisite: None.

***NS - NATURAL SCIENCE***

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**NS101 Environmental Science (Lab required) 4 CR**

This course explores the varied aspects of mankind's relationship to the environment. This course will provide students with the opportunity to learn about the environment. Concepts of Traditional Native American methods, ecology, and modern science will be explored as ways to solve problems dealing with the environment. It will also deal with some identification and ecology of the local plant and animal communities along with the traditional uses of these communities by the Anishinaabek.

Corequisite: EN111.

**NS103 Introduction to Natural Resource Management (Lab required) 4 CR**

This course deals with classification and description of renewable and non-renewable resources with emphasis on their ecological value to ecosystems. It is an introduction to and discussion of major resource problems.

Prerequisites: EN111, NS101 with a C or better.

**NS107 Introduction to Earth Science (Lab required) 4 CR**

This course is designed to give students a thorough exposure to basic concepts and processes related to the Geosphere, the Hydrosphere, the atmosphere, and Universe. Understanding the major thesis of Earth Science and the application of the knowledge to interpret and analyze natural phenomena will be a major goal of this course.

Prerequisite: EN111 with a C or better.

**NS114 Introduction to Fish & Wildlife Management (Lab required) 4 CR**

This course will provide an introduction to the identification, ecology, and management of fish and wildlife. The emphasis will be placed on species found in Michigan and the Great Lakes region. NASA satellite images will be used to understand macro-ecological factors. Prerequisite: EN111.

**NS116 Water Resources in a Warming World (Lab required) 4 CR**

This course will introduce climate models, water resource datasets, and regulations used for science-based water resource decision making that affect local communities. It is designated to fulfill the natural science general education requirement. Corequisite: EN111 or permission of instructor.

***OE – OFFICE EDUCATION***

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**OE101 Introduction to Medical Office 3 CR**

This course prepares the student for entry level jobs in a doctor's office or other medical facility. The course includes an introduction to front office management, scheduling appointments, managing medical records, managing correspondence, creating superbills, and posting charges/payments. The student will be introduced to Medicare, Medicaid, BCBS, and other 3<sup>rd</sup> party billing insurances. The course explores issues regarding medical records, signature authorization, patient confidentiality, and the completion of the health insurance claim form (HCFA-1500 and UB-04). The student will learn how to follow a claim through the billing process. Prerequisite: SI112 is recommended.

**OE114 Pharmacy Technician 3 CR**

This is an introductory course in pharmacy technology that offers professional training in the following areas: computer programs, pharmaceuticals, customer service, and patient care. Upon successful completion of this course students will have the option of taking the Michigan Certified Pharmacy Technician Exam. Corequisite: placement score of at least **MA105**, and SI112 is recommended.

**OE121 Office Procedures 3 CR**

This course deals with general office duties, including efficient procedures for handling mail, telephone, office supplies and equipment, and records management. Time management and human relation aspects are emphasized. Prerequisite: CS121.

**OE123 Medical Coding and Billing I 4 CR**

This course introduces the student to the coding of medical procedures using the Current Procedural Terminology coding guidelines. Discussion and hands-on practice will be provided for the basic steps in a medical procedure. This instruction will include the meaning of formatting, symbols, abbreviations, and notations in the CPT coding handbook and sequencing rules for reporting medical procedures codes. Students will be introduced to detailed medical history reports, including post-operative reports using the coding guidelines that apply to different cases. Prerequisite: SI112 is recommended.

**OE124 Medical Coding and Billing II 3 CR**

This course introduces the student to the coding of medical diagnoses using the International Classification of Disease coding guidelines. Discussion and hands-on practice will be provided for the basic steps in a medical diagnoses. This instruction will include the meaning of formatting, symbols, abbreviations, and notations in the ICD coding handbook and sequencing rules for reporting medical diagnoses codes. Students will be introduced to detailed medical history reports, including post-operative reports using coding guidelines that apply to different cases. Prerequisite: OE123, and SI112 is recommended.

**OE128 Word Processing 4 CR**

This course covers all Microsoft Specialist-level and Expert-level standards. A broad range of topics are covered such as: page and paragraph formatting, tabs, tables and columns, advanced editing, styles, templates, wizards, mail merge, graphics, charts, fields, forms, and macros. Prerequisite: CS121.

**OE203 Integrated Office 3 CR**

This capstone class is designed as a culminating activity at the end of the Associate of Applied Science Office Administration program. Students will prepare documents and complete tasks similar to those required in a technologically advanced office. This course should be taken last semester of studies. Prerequisite: This is a capstone course, permission of Department Chair.

**OE216 Spreadsheet Design and Management 4 CR**

In this course, students will begin with basic concepts and design of spread sheets and move into the advanced spreadsheet applications for business. This will include writing and working with formulas, creating templates, finding and organizing information, working with multiple worksheets, creating charts, working with data tables, and importing data into spreadsheet software. Prerequisites: CS121.

**OE261 Cooperative Education: Office Administration 3 CR**

This is a course designed to continue training in a student's field of study through work experience. Students are graded on the basis of documentation of learning acquired as reported by student and employer. The student will complete at least 9 hours weekly for a total of 135 contract hours. This training should be accomplished during the student's final semester. Prerequisite: Department Chair permission required.

***PE - PHYSICAL EDUCATION***

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**PE104 Weight Training and Conditioning 2 CR**

This course will provide students with an awareness of the importance of developing and maintaining a personal fitness program. Students will be provided basic information on exercises designed to strengthen small and large muscle groups and improve cardiovascular endurance. Students will be trained on the proper use of various exercise equipment and how to measure and chart increases in endurance. Prerequisite: None.

**PE105 Functional Fitness (Beginning Exercise) 1 CR**

This course is designed to help students gain a better understanding of their own fitness level and where to begin on improving on the student's fitness goals. This course will assist in weight loss/or better body composition while strengthening the confidence of the student. Students will be introduced to gradual but regular exercise habits. The intensity of exercise will vary depending on the student's level of fitness. Prerequisite: None.

**PE108 Outdoor Hiking 2 CR**

This course is designed to enable the student to engage in outdoor hiking as a means of developing physical and mental fitness. Prerequisite: None.

***PS - PHYSICAL SCIENCE***

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**PS112 Concepts of Physics (Lab required) 4 CR**

This course is designed to give students a thorough exposure to basic physical concepts. The course will provide a basic training in fundamental physical phenomena and their applications. An introduction of the principals involving mechanics, electromagnetism, waves, optics, and thermodynamics will be presented in lecture, demonstration, and hands-on activities. Prerequisite: MA113 or MA114 with a C or better.

***PY - PSYCHOLOGY***

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**PY101 Introduction to Psychology 4 CR**

This course is a general introduction to the scientific study of behavior and mental processes. The study of psychology is presented as an attempt to understand the "mystery of human behavior" and includes a survey of basic topics such as perception, learning, human development, psychological disorders, psychotherapy, and systems of psychology. Corequisite: EN111 or college level placement test score less than three years old or permission of Department Chair.

**PY205 Abnormal Psychology 3 CR**

This course is designed to examine the characteristics, etiology, and treatment of a wide range of mental, emotional, and behavioral disorders according to the DSM-IV diagnostic categories. The socio-historical origins of our concepts of abnormality and the social significance of maladaptive behavior are included. Prerequisite: PY101. Corequisite: EN112.

**PY208 Counseling Theories and Techniques 3 CR**

This course focuses on the key concepts of contemporary counseling theories and the techniques and methods that are specific to each theoretical approach including those used in traditional Native American healing. Special emphasis is placed on the characteristics of effective counselors, the ethical guidelines affecting the practice of counseling, and the development of an individual philosophy of counseling. Prerequisite: PY101. Corequisite: EN112.

**PY214 Developmental Psychology 3 CR**

This course is designed to explore human growth and development through all stages of life from conception through death. Included are concepts of physical, intellectual, personality, and social development as well as issues and concerns relevant to each stage of life. Prerequisite: PY101. Corequisite: EN112.

**PY405 Psychology of Childhood Trauma and Recovery 3 CR**

This course provides students with skills of addressing challenging behavior related to early childhood trauma. Through better understanding of traumas and the applications of ACE (Adverse Childhood Experiences) survey, early childhood teachers will be better prepared to address trauma related to early childhood behavior and to offer children alternative behavioral patterns. The course brings together knowledge and techniques from many areas, including: neuroscience, psychology, sociology, special education, research on early childhood, and child development. Students will also learn generally effective classroom structuring and teaching styles. Prerequisites: PY101 and EN112.

**SI - SCIENCE**

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**SI105 Introduction to Forest Ecology and Natural Resource Management 3 CR**

In this course, students will explore historic and modern forest management practices, forest ecology, disturbance factors, soils, common forest types, seral stages, and methods to prevent environmental damage. This course will also teach students how to better use natural and renewable resources the earth and sun provide. Students will learn systems, through investigative activities and field trips, of how to ensure these resources remain available into the future. Prerequisite: None.

**SI112 Medical Terminology 3 CR**

This course is designed to furnish the basic tools necessary for building a medical vocabulary for students wishing to enter a medical field. It involves analyzing the structure of medical terms by learning their roots, prefixes, and suffixes, as well as learning to identify, spell, define, and properly use those terms and pertinent medical abbreviations. Corequisite: EN111 or permission of instructor.

**SI201 Concepts of Epidemiology 4 CR**

This course introduces the basic concepts of disease spread as applied to public health problems. Emphasis is placed on the principles and methods of epidemiologic investigation, appropriate summaries and displays of data, and the use of classical statistical approaches to describe the health of populations. Topics include the dynamic behavior of disease; usage of rates, ratios and proportions; methods of direct and indirect adjustment, and clinical life table which measures and describes the extent of disease problems. The course will provide basic training in fundamental physical phenomena and their applications. It is designed to fulfill science education requirement. Prerequisites: EN111 with a C or better, and at least one college-level science course with a C or better. Corequisite: MA113 or MA114, or permission of instructor.

**SI219 Capstone Seminar 3 CR**

This course is to be offered during a student's last semester in the General Science program. Students are provided with the opportunity to conduct small-scale individual research projects, work with local experts, job shadow, and present findings. This course will include discussion of literature relevant to the student's disciplines of interest, and focus on data display techniques and interpretation. Students wishing to enter a health field may present on job shadow experiences. Students interested in the natural sciences will emphasize application of the scientific method, data analysis techniques, and scientific knowledge presentation. Prerequisites: EN112 and MA116, each with a C or better, and completion of four BMCC science courses with a C or better, or permission of instructor.

**SO - SOCIOLOGY**

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**SO103 Community Support Systems 3 CR**

This course explores the functions of community support systems, support systems personnel, community social issues, and problems addressed by community support personnel with special emphasis on issues of particular concern to Native Americans. We will also gather information about the community service agencies in our area and build our own resource book for our community, again with the emphasis on Native issues. The majority of this course, because of the medium, will be reading, community support job descriptions, professional interviews, and web based research. Corequisite: EN111.

**SO106 Introduction to Sociology 4 CR**

This course is designed to examine human behavior in the socio-cultural setting and to evaluate the forces which act upon and shape that behavior. Special attention is given to the interaction of individuals in relationships with other groups and with larger social institutions. Native American issues and experiences will be incorporated as feasible and appropriate. Corequisite: EN111 or college level placement test score or permission of Department Chair.

**SO203 Interpersonal/Intercultural Relations for Managers 3 CR**

The focus of this course is developing effective communication strategies in diverse social and cultural systems within the modern workplace. This course will address several key workplace issues, such as how to create and manage a business enterprise in which both the quality of customer service and employee morale/performance are at a level of peak performance. Other issues this course will address are: winning and maintaining both customer and employee allegiance, teamwork, and how to motivate a culturally and socially diverse employee base. Prerequisite: EN111.

**SO204 Social Problems 3 CR**

This course is a survey of selected contemporary problems in American society from the perspective of sociological concepts and orientations which underlie an understanding of human behavior. It begins by focusing on problems of personal concern to students and moves to an examination of broader societal problems in an effort to illuminate the social forces that have shaped the social problems as well as the factors that have shaped the students' individual views of those problems. Native American issues and experiences will be incorporated as feasible and appropriate. Prerequisites: SO106 and EN111.

**SO206 Sociology of Death and Dying 3 CR**

This course will explore death, dying, and bereavement as well as other losses that we experience in life from a sociological perspective. Trends in attitudes, coping, legal, and moral issues will be covered from a cultural and historical perspective. Prerequisites: SO106 and EN111.

**SO209 Family Systems 3 CR**

This course is designed to explore America's diverse and changing family systems in terms of structure, function, and ethnicity in an attempt to provide both personal and intellectual understanding of the importance of families as the crucibles in which our humanity is born, nurtured, and fulfilled. Issues specific to families such as marriage, parenting, divorce, and work are included along with the influences of the economy and social policy on family life. Prerequisites: EN111, and SO106 or EC218 for ECE majors.

**SO212 Sociology of Women 3 CR**

This course will cover the history and future of women and feminism including its political roots and objectives. It will also explore how race, class, and other social hierarchies define a woman's role and feminism. Prerequisite: SO106 and EN111.

**SO213 Communication and Conflict Resolution 3 CR**

This course will provide a cultural perspective, with an emphasis on American Indian approaches, on the nature of conflict and the various methods used to resolve conflict. While the beginning of the course will include a brief overview of the history and content of the emerging field of conflict resolution, the overall focus will be interpersonal conflict between individuals and groups of individuals. Students will learn techniques of communication, such as active listening, in order to be prepared to de-escalate potential conflicts that may occur in their work and personal life. Significant issues that impact both the theory and practice of conflict resolution, such as neutrality, settlement or compromise vs. structural change will be discussed. Prerequisite: EN111.

***SW – SOCIAL WORK***

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**SW110 Introduction to Social Work 4 CR**

This course will introduce students to the social work profession. The course is designed to be taken during the freshman year so that students begin to learn about social work fields and settings of practice. The course introduces the student to the Council on Social Work Education (CSWE) core competencies; the National Association of Social Workers (NASW) Code of Ethics; and gives a brief history of the social work profession. Emphasis will also be placed on the development of effective interpersonal communication skills. Field experience is required. Corequisite: EN111.

## ORGANIZATION OF THE COLLEGE

Bay Mills Community College is governed by the Bay Mills Community College Board of Regents. The current members and their tribal affiliations are as follows:

### *Board of Regents*

Whitney Gravelle.....Chairperson  
Bay Mills Indian Community

Stephanie Walden.....Vice-Chairperson  
Bay Mills Indian Community

Beverly Carrick.....Secretary  
Bay Mills Indian Community

Gail Glezen.....Treasurer  
Bay Mills Indian Community

Clayton Kincheloe.....Member  
Inter-Tribal Council of Michigan

Jacques LeBlanc Jr.....Member  
Bay Mills Indian Community

Michael McKerchie.....Member  
Sault Ste. Marie Tribe of Chippewa Indians

Kerstine Omev.....Member  
Little Traverse Bay Band of Odawa Indians

Jane Rohl.....Member  
Grand Traverse Band of Ottawa & Chippewa Indians

Student Body President/Elected Annually.....Ex-Officio Member



## ***Full Time Faculty & Department Chairs***

- Adair, Kathy** – *Social Science Department Chair*  
MSW – Grand Valley State University  
BS and AA – Lake Superior State University
- Ball, Brandy** – *Business Administration Department Chair and Faculty*  
Masters, BBA, and ABA – University of Phoenix
- Chugunov, Natalia** – *General Science & Health Science Department Chair and Faculty*  
MD – St. Petersburg State Pavlov Medical University
- Church, Heather** – *Office Administration Department Chair*  
BBA – Davenport University; AAS – Bay Mills Community College  
Bay Mills Indian Community
- Corey-Spiker, Teresa** – *Criminal Justice/Corrections Department Chair*  
BS – Lake Superior State University
- Elder, Richard** – *Liberal Arts Department Chair and Faculty*  
MA and BS – Central Michigan University; AS – Mott Community College
- Gidcumb, Robert** – *Communication Faculty*  
MA and BA – University of Michigan  
MA – Lindenwood University
- Hallai, Tanecia** – *Health & Fitness Department Chair and Faculty*  
MS – Excelsior College  
BS – Lake Superior State University
- Hutcheson, Jana** – *Communication Department Chair and Faculty*  
MA – Northern Michigan University; MBA – University of Phoenix  
BA – Manchester College; AA – Bay Mills Community College
- Karzon, Michael** – *Computer Information Systems Faculty*  
MS – Colorado Technical University  
BS – Michigan State University  
Bay Mills Indian Community
- Miller, Janet** – *Mathematics Department Chair and Faculty*  
MA – University of Houston  
MA – Asbury Theological Seminary  
BS, Florida Southern College
- Miller, Norman Randall** – *Emergency Medical Technician/Paramedic Department Chair*  
BS and AS – Lake Superior State University  
Sault Ste. Marie Tribe of Chippewa Indians
- Nance, Kris** – *Early Childhood Education Faculty & Program Coordinator*  
BA and AA – Bay Mills Community College
- Perez, Carrie** – *Director of Nursing Program*  
MA – Ferris State University  
BS, Lake Superior State University  
Sault Tribe of Chippewa Indians
- Postma, Tyler** – *Computer Information Systems Department Chair and Faculty*  
BS and AS – Lake Superior State University
- Sawaski, James** – *Mathematics Faculty*  
MA and BS – Northern Michigan University
- Schupp, Mari** – *Business Administration Faculty*  
MA – Western Governors University  
BS – Lake Superior State University

**Stelzer, Heather** – *Early Childhood Education Department Chair and Faculty*

MA – Western Michigan University; BS – Walden University

AA and Certificate – North Central Michigan College

**Tassier, Kathy** – *Education Department Chair*

Ed.S – University of Michigan

MA and BS – Lake Superior State University

Bay Mills Indian Community

**Thompson, Allen** – *Construction Department Chair and Faculty*

BS and AAS – Ferris State University, Licensed Building Contractor-State of Michigan

**Wellman-Teeple, Michele** – *Anishinaabemowin Pane Immersion Director and Faculty*

MA – Michigan State University

BS – Lake Superior State University

Anishinaabemowin Pane Immersion Diploma – Bay Mills Community College

Ojibwe Language Instructors Institute Diploma – Bay Mills Community College

Little River Band of Ottawa Indians

**Willis, Michael** – *Native American Studies Department Chair and Faculty*

AAS and Ojibwe Language Instructors Institute Diploma – Bay Mills Community College

Bay Mills Indian Community



## ***BMCC Administration and Staff***

### **Bedell, Duane – *President***

EdS and MA – University of Michigan  
BS – Baker College; AAS – Bay Mills Community College  
Bay Mills Indian Community

### **Adair, Kathy – *Director of Development***

MSW – Grand Valley State University  
BS and AA – Lake Superior State University

### **Baker, Raymond – *Owner Representative***

State of Michigan Master Plumber License, Plumbing Contractor License, Mechanical Contractor License, Boiler Installer License; ASSE 1051 Crossflow Connection Certificate.  
Sault Ste. Marie Tribe of Chippewa Indians

### **Bedell, Kelly – *Student Support Services Specialist***

BS – Northern Michigan University; Certificate – Michigan Office of Substance Abuse Services  
Bay Mills Indian Community

### **Bergstrom, Tiffany – *Student Services Administrative Assistant***

AAS, Certificate, and Anishinaabemowin Pane Immersion Diploma – BMCC  
Bay Mills Indian Community

### **Bowen, Trinity – *IT Services Coordinator***

AAS – Bay Mills Community College  
Bay Mills Indian Community

### **Cameron, Chelsey – *Marketing & Media Specialist***

BS – Central Michigan University  
Bay Mills Indian Community

### **Cameron, Samantha – *Vice President of Academic Affairs***

MA – Michigan State University  
BBA – Western Michigan University; AB – St. Clair County Community College  
Bay Mills Indian Community

### **Carrick, Anna – *Executive Assistant to the President***

AA – Bay Mills Community College  
Certified Tribal Human Resources Professional  
Bay Mills Indian Community

### **Carrick, Craig – *Risk Manager***

MBA – Capella University  
BS – Central Michigan University; AA – Bay Mills Community College; Certified Risk Manager  
Bay Mills Indian Community

### **Carrick, Dylan – *Recruiting Specialist***

AA – Bay Mills Community College  
Bay Mills Indian Community

### **Carrick, Serina – *Senior Grant Accountant***

BS and AS – Lake Superior State University  
Sault Ste. Marie Tribe of Chippewa Indians

### **Carrick, Suzanne – *Purchasing Specialist/Administrative Assistant***

AA – Bay Mills Community College

### **Chen, Liren – *IR Systems Quality Analyst***

BS – Shaoxing University

### **Church, Heather – *Assistant Registrar***

BBA – Davenport University; AAS – Bay Mills Community College  
Bay Mills Indian Community

- Clarke, Megan** – *Library Director*  
 MLIS – Wayne State University  
 BA – Grand Valley State University  
 Bay Mills Indian Community
- Clement, Janelle** – *Senior Accountant*  
 BS – Lake Superior State University; AA – Bay Mills Community College  
 Sault Ste. Marie Tribe of Chippewa Indians
- Clor, Brenda** – *Institutional Research and Data Analyst*  
 BBA – University of Michigan; AA – Bay Mills Community College  
 Bay Mills Indian Community
- Corbiere, Katie** – *Assistant Financial Aid Director*  
 AA – Bay Mills Community College  
 Bay Mills Indian Community
- Green, Crystal** – *TRiO/SSS Success Coach*  
 BS – Central Michigan University; AA – Bay Mills Community College
- Hammock, Sheryl** – *Dean of Occupational Education*  
 PhD and MPhil – Walden University  
 MA, BS, and AS – Lake Superior State University  
 Sault Ste. Marie Tribe of Chippewa Indians
- Healy, Karol** – *Land Grant Program Coordinator*  
 BS – Lake Superior State University  
 Bay Mills Indian Community
- Heyrman, Wendy** – *Vice President for Student Affairs*  
 MS – Southern New Hampshire University; BS – Central Michigan University  
 AA – Bay Mills Community College  
 Bay Mills Indian Community
- Huffman, Tina** – *Financial Aid Director*  
 AAS – Bay Mills Community College  
 Sault Ste. Marie Tribe of Chippewa Indians
- Hunter, Raelynn** – *Student Engagement Specialist*  
 AA – Bay Mills Community College  
 Bay Mills Indian Community
- Hutchinson, Tyler** – *General Maintenance*
- Kasper, Chet** – *Chief Information Officer and Title III Director*  
 BS – Ferris State University
- Kuzmik, Lily** – *Academic Affairs Specialist/CEU Coordinator*  
 BS – Central Michigan University; AA – Bay Mills Community College  
 Sault Ste. Marie Tribe of Chippewa Indians
- Leach, Kaitlynn** – *Embedded Student Success Specialist*  
 BS – Central Michigan University; Certificate – Bay Mills Community College  
 Bay Mills Indian Community
- Leapley-Priest, Bryana** – *Receptionist/Admissions Assistant*  
 Bay Mills Indian Community
- LeBlanc, Candice** – *Director of Institutional Advancement*  
 BS – Lake Superior State University; AA – Bay Mills Community College  
 Bay Mills Indian Community
- LeBlanc Jr., Jason** – *Maintenance Technician*  
 AAS – Bay Mills Community College  
 Bay Mills Indian Community

- LeBlanc, Kathleen** – *Cultural Services Director*  
Bay Mills Indian Community
- LeBlanc, LaTara** – *Student Engagement Specialist*  
BBA – University of Michigan; AA – Bay Mills Community College  
Bay Mills Indian Community
- Lehre, Elaine** – *Director of Admissions*  
Certificate – Bay Mills Community College,  
Bay Mills Indian Community
- Lyons, Heather** – *Human Resource/Payroll Specialist*  
AAS – Bay Mills Community College; Certified Tribal Human Resources Professional  
Bay Mills Indian Community
- McKenzie, Diana** – *Dean of Science & Allied Health Education*  
PhD – University of Michigan  
BA – Lake Superior State University  
Sault Ste. Marie Tribe of Chippewa Indians
- McLeod, Tenniel** – *TRiO/SSS Director*  
MSA and BS – Central Michigan University; AA – Bay Mills Community College  
Sault Ste. Marie Tribe of Chippewa Indians
- Mitchell, Betty** – *Accounts Payable/Payroll Specialist*  
Certificate – Lake Superior State University
- Moran, Caden** – *IT Services Coordinator*  
BS – Lake Superior State University; AAS – Bay Mills Community College  
Bay Mills Indian Community
- Munz, Kamalia** – *General Maintenance*  
Bay Mills Indian Community
- Parish, Laura** – *Distance Learning Specialist*  
Graduate Certificate and BS – Central Michigan University  
AA and AAS – Bay Mills Community College  
Bay Mills Indian Community
- Passage, Shelby** – *Administrative Assistant to Academic Affairs*  
AAS – Bay Mills Community College  
Bay Mills Indian Community
- Piche, Melinda** – *Accounting Specialist*  
AAS – Bay Mills Community College  
Bay Mills Indian Community
- Pocus, Victoria** – *Information Technology Systems Engineer*  
Graduate Certificate – Michigan State University  
BA and AS – Lake Superior State University  
Bay Mills Indian Community
- Postma, Laura** – *Vice President for Business and Finance*  
MS – Central Michigan University  
BS – Lake Superior State University  
Certified Public Accountant; Certified Government Financial Manager
- Powless, Holly** – *Policy Analyst & Title IX Coordinator*  
JD – Wayne State University  
MPA – Kent State University  
BA – University of Michigan; AA – Haskell Indian Nations University  
Bay Mills Indian Community

- Schofield, Danielle** – *Student Advising Specialist*  
BS – Central Michigan University; AA – Bay Mills Community College
- Schofield Jr., Richard** – *Maintenance Coordinator*  
Bay Mills Indian Community
- Schofield, Sherri** – *Registrar/Institutional Information Systems Manager*  
BS – Central Michigan University; AA and AAS – Bay Mills Community College  
Bay Mills Indian Community
- Shinault, Ashley** – *Student Billing & Financial Aid Specialist*  
AAS – Bay Mills Community College  
Bay Mills Indian Community
- Stephan, Amber** – *Community Health and Fitness Coordinator*  
AA – Bay Mills Community College  
Bay Mills Indian Community
- Thomas, Mzzhickkekahbah** – *Trio SSS Success Coach*  
MA – University of Michigan  
BS – Lake Superior State University; AS – Bay Mills Community College  
Prairie Band Potawatomi Nation
- Touchtone, Jennifer** – *Accounting Specialist*  
AA and Certificate – Bay Mills Community College  
Bay Mills Indian Community
- Voris, Kendra** – *Dean of Distance Education*  
MA – Central Michigan University  
BS and AAS – Ferris State University  
Graduate Certificate – Michigan State University
- Walden, Stacey** – *Director of Human Resources*  
MSA and BS – Central Michigan University  
Certified Tribal Human Resources Professional  
Bay Mills Indian Community
- Yanni, Stephen** – *Land Grant Director*  
PhD – Michigan State University  
MS – Western Illinois University  
BS – Lake Superior State University

### ***BMCC Charter Schools***

- Mikolowski, Abigail** – *Finance Specialist*  
MS and BS – Central Michigan University; AAS – Bay Mills Community College  
Bay Mills Indian Community
- Parish, Karen** – *Compliance and Governance Specialist*  
AS – Bay Mills Community College  
Bay Mills Indian Community
- Ringuette, Megan** – *Administrative Assistant to the Charter School Office*  
BS – Central Michigan University; AAS – Bay Mills Community College  
Bay Mills Indian Community
- Tadgerson, Pat** – *Information Systems Administrator*  
MS – Central Michigan University; BS and AAS – Lake Superior State University  
Bay Mills Indian Community
- Tassier, Kathy** – *Academic Specialist*  
EdS – University of Michigan; MA and BS – Lake Superior State University  
Bay Mills Indian Community

**Wanic, Mariah** – *Director of Charter Schools*

EdS, MA, and BS – Central Michigan University; AAS – Bay Mills Community College  
Bay Mills Indian Community

### ***Waishkey Bay Farm***

**Carrick, Dennis** – *Farm and Food Sovereignty Technician*

Bay Mills Indian Community

**Corey, David** – *Livestock Educator*

Certificate – Michigan State University  
Little River Band of Ottawa Indians

**Smith, Tori** – *Farm Technician*

Bay Mills Indian Community

**Jacques, Kathryn** – *Farm Manager*

BS – Northern Michigan University

**McCoy, Amy** – *Anishinaabe Science & Food Sovereignty Educator*

MS – Michigan State University  
BA – James Madison College  
Sault Ste. Marie Tribe of Chippewa Indians

