

CheboyganAreaHighSchool

CURRICULUM & CAREER & TECHNICAL EDUCATION GUIDE



EducationforEmployment

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PREFACE

Cheboygan Area High School is proud to offer a college and career ready curriculum that includes courses that offer students access into college preparatory courses, career and technological education programs, early college (five year program), and concurrent and dual enrollment in college classes. Cheboygan High School offers students the opportunity to explore six career pathways, Arts and Communications, Business, Management, Marketing and Technology, Engineering/Manufacturing and Industrial Technology, Health Sciences, Human Services, Natural Resources and Agriscience. Career pathways are broad categories defining various careers that share similar characteristics and whose employment requirements call for many common interests, strengths, and competencies. To learn more, students can discuss their course interests with their counselor, teacher, administrator, and parents. The future belongs to those who believe in themselves and in the power of dreams.

*Course offerings in this book are dependent upon student enrollment and the resources the school district has to offer each semester and calendar school year.



GRADUATION

MEETING THE MICHIGAN MERIT CURRICULUM REQUIREMENTS

Minimum Standards Required for Graduation

| SUBJECT | CREDITS | COURSES |
|-------------------------------------|---------|---|
| ● English | 4 | English 9, 10, 11, Senior English |
| ● Social Studies | 3 | World History, U.S. History, Government, Economics |
| ● Science | 3 | Physical OR Chemical, Biology and one science elective or CTE |
| ● Mathematics | 4 | Algebra I & II, Geometry, One math elective during last year of high school |
| ● Physical Education | 5 | Physical Education |
| ● Health | .5 | Health |
| ● Computer Education | 1 | Business Applications Technology (BAT) |
| ● World Languages | 0-2 | MS World Language Experience or HS Spanish |
| ● Visual, Performing & Applied Arts | 1 | Electives from Approved List |
| ● Online Learning Experience | 0 | Embedded in Business Applications Technology |

CREDIT GRANTED FOR HIGH SCHOOL EQUIVALENT COURSES TAKEN IN MIDDLE SCHOOL

The high school courses taken during middle school will be counted toward the Cheboygan Area Schools graduation requirement credits. The grade earned in middle school will be included in the high school GPA calculation. This will allow middle school students to progress through the CAHS curriculum, including meeting prerequisites in some high school courses.

GRADUATION CEREMONY

Diplomas will only be issued to those students who complete all graduation requirements. No senior will be able to participate in the graduation ceremony if he/she has not earned the minimum credits for graduation. In addition, seniors may be prohibited from the graduation ceremony due to school behavior, discipline, and illegal behavior in and out of school.

GRADUATION WITH HONORS

A student will be designated as an "Honor Student" at graduation if the student has a cumulative GPA of at least 3.0 after seven semesters. Honor students will wear gold cords during the graduation ceremony.

EARLY GRADUATION

Students who have successfully completed seven semesters and have met all graduation requirements may apply for early graduation. Parents/students must submit this request in writing to the building principal by November 1st. This request must include intent for early graduation. After a meeting with the student, parent, and high school principal, the requests are submitted for Board of Education approval.

Individuals who are granted early graduation may participate in the graduation ceremony. However, these individuals will be considered non-students and forego participation in other events that occur after the date of early graduation.

TOP CLASS RANK

To be eligible for the Top 10 Scholars, a student must have attended CAHS for two full semesters prior to his or her senior year. The Top 10 Scholar selections are based on a cumulative GPA. If there is a tie, there is the potential to have more than 10 scholars that graduating year. The Top 10 Scholars will wear medals and will receive recognition at the graduation ceremony.



PROGRAM PLANNING

EDUCATIONAL AND EMPLOYABILITY DEVELOPMENT PLANS

The teachers and counselors at Cheboygan Area High School have prepared the following sample Educational Employability Development Plans to assist parents and students in planning students' high school programs. It is our feeling, as educators, that clear goals are essential and that students need to see and understand the meaning in their educational program in order for excellence to be achieved.

Educational Employability Development Plans are a coherent sequence of courses or field of study that prepares a student to enter the work force, or further education. This pathway is what we strive to give to our students as they select their classes for the following school year.

There are six broad career pathways from which to choose:

1. Arts and Communication
2. Business, Management, Marketing and Technology
3. Engineering / Manufacturing and Industrial Technology
4. Health Sciences
5. Human Services
6. Natural Resources and Agriscience

Each Educational Employability Development Plan is a sample list of occupations corresponding with each level of the career pathway. This occupational information has been included to assist students in the planning process and to stimulate further career investigation. Cheboygan Area High School has a Career Resource Center for students to seek out assistance and use in order to gain additional career information.

Counselors and teachers, to assist students in selecting a career pathway, also provide additional career and development activities throughout the academic year. While the Educational Employability Development Plans focus on career preparation, the school staff recognizes their responsibility to help students develop competencies in the life roles of:

- Student: read, write, analyze, interpret
- Individual: interpersonal skill, physical and mental health
- Wage Earner: saleable skills, career planning
- Citizen: government operation, national, and local issues

- Consumer: evaluate goods, services, and legal documents
- Family member: parenting and planning
- Leisure-time Pursuer: hobbies, sports, and aesthetics

We encourage students to choose electives to prepare them for the spectrum of their life roles. For this reason, flexibility has been built into the Educational Employability Development Plans and career pathways.

It is the hope of the Cheboygan Area High School staff that the educational employability development planning process will assist students in setting goals for the future. Once a goal is set, a student will accept the challenges before him/her and work hard to achieve.

COLLEGE ENTRANCE RECOMMENDATIONS

The course of study that appears below is designed to prepare students for greater success in college, on the Pre-ACT (PLAN), Preliminary Scholastic Aptitude Test (PSAT), the American College Test (ACT), and the Scholastic Aptitude Test (SAT). Many post-secondary programs use the results of these tests as one factor in determining admission and scholarship.

| | |
|---------------------------|-------------------------|
| English.....4 years | Science.....4 years |
| Social Science....4 years | Mathematics.....4 years |

Recommended is that a student also take 1-2+ years of World Language.

PERSONAL CURRICULUM

A personal curriculum (PC) is a documented process that modifies certain requirements of the Michigan Merit Curriculum (MMC), which must be met for the awarding of a high school diploma in Michigan. A PC is requested on an individual basis and must meet certain conditions to be approved.

For more information see the high school guidance counselor.

STUDY ABROAD

CAHS students who are interested in participating in foreign exchange programs should consult their counselor in advance for information regarding transfer of credits.

In order for CAHS students to earn credit during a foreign exchange experience, the following conditions must be met:

1. The foreign exchange program must be approved by the CAHS high school principal in advance.
2. The foreign exchange experience must take place during the regular school year, in place of regular school attendance at CAHS.
3. The student must obtain an official transcript of coursework completed during the foreign exchange experience.

4. The transcript must (A) be in English, (B) include dates and hours attended, (C) include names of classes attended, (D) include some kind of favorable evaluation (percent, letter grade, credit/no-credit, or written anecdote, and (E) be signed by a school official.
5. The student's CAHS counselor will evaluate the transcript and recommend the number of transfer credits to be granted.
6. Final approval of transferred credits will be made by CAHS principal.

Students who plan a foreign exchange experience during their senior year should complete all graduation course requirements prior to the end of their junior year. If the above procedure is followed, every effort will be made to allow foreign exchange participants to graduate on schedule.

SPECIAL SERVICES OFFERED TO STUDENTS

Special Education support services are available in accordance with state and federal guidelines. Credits received through supportive services will comply with the Cheboygan Area Schools' Board of Education Graduation Requirements and mandated state and federal requirements.

Seniors who do not have enough credits, or have not passed the required course work for graduation with their class have the following options:

- Return to high school the following year for required course work with permission of the high school principal.
- Enroll in Correspondence courses with permission of high school principal.
- Enroll in the Inverness Academy.

MILITARY SERVICE

The Armed Services Vocational Aptitude Battery (ASVAB) is required for students who plan on enlisting in the military. This assessment is offered free of charge to our students during second semester.

NCAA COLLEGE ATHLETICS

Student Athletes considering playing Division I or II sports at the college level must meet NCAA eligibility requirements. Students should meet with their counselor, coach and/or administrator to review the eligibility requirements. An NCAA application form must be completed by the end of the first semester of the student's senior year. Additional information can be obtained at www.ncaa.org.

GRADING & EVALUATION

GRADE POINT AVERAGE

Grade Point Average (GPA) is an indicator of the student's overall scholastic performance. The GPA is computed by totaling the number of grade points earned in each course (A = 4, A- = 3.7, B+ = 3.3, B = 3, C+ = 2.3, C = 2, C- = 1.7, D+ = 1.3, D = 1, D- = 0.7, E = 0) and dividing the sum by the total number of courses. GPA is based on each semester's final grades only. The final semester grade is determined by weighing the eighteen-week grade as 80% and the final exam as 20%.

CREDIT / NO CREDIT

On rare occasions students may receive credit (CR) or no credit (NC) in place of a normal grade. This option would be considered primarily if directed by an IEPC, 504 Plan, or Academic Plan. Other possibilities for this option might include students undergoing a serious personal or family crisis. In some cases, if a student is unable to complete a semester due to unusual circumstances, the NC grade could be used for all incomplete classes. The CR/NC option can only be used with approval by the high school principal. If the CR/NC grade is used, by definition, it has no effect on GPA.

HONOR ROLL

An honor roll at the end of each semester will be published. The honor roll is based on final grades for each semester. To be on the honor roll, a student must:

1. Have no incomplete (I) grades reflected for any course
2. Be enrolled in six class periods
3. Have maintained at least a 3.0 GPA for the semester and no grade lower than a "C"

GRADUATION / CLASS RANK

To determine class rank, student GPAs are ranked from highest to lowest based on seven semesters. If two or more students have identical averages, they are ranked the same. GPAs are carried out to the third decimal place.

Graduation rank for seniors is based on seven semesters of class work in all subjects. The policy of this high school regarding class rank is to rank only those seniors who have regularly attended this high school as a full-time student at least four semesters prior to their senior year. If at all possible, grade point average will be determined on those seniors affected by this rule. Exceptions may be granted by the high school principal.

ACADEMIC PROGRESS REPORTS

At the beginning of each semester students will be notified by each teacher as to the method of evaluation in each class. Progress reports are issued at the approximate halfway point of each of the four marking periods. Report cards are issued after each semester.

COLLEGE COURSE OPPORTUNITIES

CONCURRENT CREDIT

Concurrent Credit classes are college courses used for credit at both the high school and college level. Students attend class at their high school. Classes are taught by high school teachers who have been credentialed as college instructors. Grades and credit are recorded on an official college transcript as college-level courses. Partial cost of tuition and other fees are covered by the local school district so there is little to no charge to students or parents.

The college curriculum will be presented to the students and students will have outside class work and projects to complete and submit to the high school instructor. A grade of "C" or better in college courses is required for most degree programs as well as transferable credit to most collegiate institutions.

For more information, please contact your high school counselor.

DUAL ENROLLMENT

Any student may enroll in a college course providing he/she meets the requirements established by law and by the District. Any interested student should contact his/her guidance counselor to obtain the necessary information. Dual enrollment courses are typically in the evening and off campus.

EARLY COLLEGE

Early college is an opportunity for high school students to receive a high school diploma and Associate's Degree from North Central Michigan College at the end of the student's fifth year (13th grade). For information on the application process, contact and make an appointment with the high school principal or counselor.

ARTICULATION

In successfully completing a Career & Technology Education course in high school, students have the opportunity to become eligible to obtain college credit. Students with articulated credit take fewer classes in college, which may save money and allow the student to complete a two-year college associate's degree at an earlier date and faster pace. A student becomes involved in pursuing advanced placement by:

1. Demonstrating in a Career & Technical Education course that he/she has successfully learned the skills by earning a grade of "B" or higher.
2. Obtaining the recommendation of the CTE instructor and completing a Notice of Intent form at the end of the student's junior year or the beginning of the senior year.
3. Completing and submitting the choice college's application form.

Articulated Credit is gained by attending Career and Technical Education classes that are aligned with NCMC, Kirtland Community College, and Ferris State University. No tuition cost is charged for articulated courses.

A student wishing to use articulated credit should contact his or her high school counselor for more information.

GUIDANCE & COUNSELING SERVICES

The guidance department at CAHS develops programming around the following pillars:

PERSONAL GROWTH

Provides personal growth content in a systematic way to all students.

INDIVIDUAL PLANNING

Assists students in planning, monitoring, and managing their educational and career development.

RESPONSIVE AND CRISIS SERVICES

Addresses the immediate concerns and needs of students on a referral or self-initiated basis.

SCHOOL SUPPORT SYSTEM

Includes program, staff, and school support activities and services.

ONLINE INSTRUCTION

Students (with the consent of parent or legal guardian) may enroll in up to two online courses during an academic session. CAHS offers a variety of options for online study with approval from the counselor or principal.

The online courses can be accessed through the guidance department. If a student is denied enrollment, a written appeal may be sent to the Cheboygan-Otsego-Presque Isle Educational School District Superintendent. Parents should include in their request the reason their student was denied the online class and reasons why they would like the decision reconsidered.

SCHEDULE ADJUSTMENTS

All schedule adjustments must include consultation with the counselor, teachers, student and parent. Students are committed to take the classes they have chosen on their course selection sheet once school has begun. Counselors make schedule adjustments in the following instances:

1. Incomplete schedules
2. Processing errors
3. Approval for alternate programs
4. Failure of a required class
5. Changes due to summer school
6. Academic misplacement—teacher initiated adjustment
7. Parental requests (reviewed by the principal and counselor)

8. Conflict between classes that are only offered during the same class hour

Students who feel a class is too difficult for them should first discuss their concerns with their teacher and parent(s). Every effort should be made by the student to seek additional assistance. If the difficulties persist, the teacher and/or counselor will recommend a schedule adjustment due to academic misplacement.

DROP AND ADD COURSE PROCEDURE

1. It is recommended that drops/adds be completed prior to the beginning of each new semester.
2. During the first THREE school days of the semester, all student requests for drops/adds will be considered.
3. During the first FIVE school days of the semester, all parent/teacher requests for drops/adds will be considered.
4. During the first two weeks of a semester, a student can withdraw from a class with no credit/no grade. Students will then be placed in an appropriate class for the remaining portion of that semester. Withdrawal after six weeks will result in a failure (E) on a transcript. If a student with seven classes drops a class after the six-week period, the student will receive a N/C on the transcript.
5. Emergency withdrawals will be reviewed by the high school principal to determine if a student can drop a class with no grade penalty.
6. Interdepartmental level switches of classes with departmental approval may be made at any time with permission of the teachers, parent, student, and high school principal.

COURSE REPETITION

A student may earn credit in a class only once with the exceptions of Band, Physical Education, Jazz Band, Journalism, Study Essentials, Choir, Yearbook. If a student takes any other course more than once, credit will not be granted. Students may repeat a course for no credit only with special written permission from their counselor and teacher if they wish to:

1. Improve specific skills in a given area.
2. Improve the original grade earned. The second grade will be included in the students' grade point average but not an additional credit toward graduation, unless a failing grade is improved. The original passing grade will also be left on the transcript.

CAREER PATHWAYS: WHAT IS YOUR PATHWAY?



Arts and Communication

Careers in this path are related to the humanities and performing, visual, literary, and media arts. These include architecture, writing, film, fine arts, journalism, languages, media, advertising, public relations, and graphic interior, and fashion design.



Business, Management, Marketing & Technology

Careers in this path are related to the business environment. These include entrepreneur, sales, marketing, computer/informational systems, finance, accounting, personnel, economics, and management.



Engineering/Manufacturing & Industrial Technology

Careers in this path are related to technologies necessary to design, develop, install and maintain physical systems. These include engineering, manufacturing, construction service, and related technologies.



Health Sciences Occupations

Careers in this path are related to the promotion of health and the treatment of disease. These include research prevention, treatment, and related health technologies.



Human Services Occupations

Careers in this path are related to economic, political, and social systems. These include education, government, law and law enforcement, leisure and recreation, military, religion, child care, social services, and personal services.



Natural Resources & Agriscience Occupations

Careers in this path are related to agriculture, the environment, and natural resources. These include agricultural sciences, earth sciences, environmental sciences, fisheries, forestry, horticulture, and wildlife.

NOTES

CAREER & TECHNOLOGY EDUCATION

COURSE GRADE

ART, AV TECHNOLOGY & COMMUNICATION

> Radio & Television Broadcasting Technology _____ 11-12

BUSINESS MARKETING, MANAGEMENT & TECHNOLOGY

> Business Applications & Technology I _____ 10-12

> Business Applications & Technology II _____ 10-12

> Cooking & Culinary Arts I _____ 11-12

> Cooking & Culinary Arts II _____ 12

> Introduction to Cooking, Baking & Culinary Arts _____ 10-12

> Introduction to Law _____ 11-12

ENGINEERING, MANUFACTURING, & INDUSTRIAL TECHNOLOGY

> Introduction to Drafting/Architecture _____ 9-12

> Architectural Design _____ 10-12

> Engineering & Industrial Design _____ 10-12

> AutoCAD _____ 11-12

> Automotive Essentials _____ 10-12

> Automotive Technology I _____ 11-12

> Automotive Technology II _____ 12

> Home Improvement _____ 9-12

> Construction Technology Core _____ 10-12

> Construction Trades I _____ 11-12

> Construction Trades II _____ 12

COURSE GRADE

> Metal Fabrication I _____ 9-12

> Metal Fabrication II _____ 10-12

> Welding Technology I _____ 11-12

> Welding Technology II _____ 12

FINANCE

> Computerized Accounting I _____ 10-12

> Computerized Accounting II _____ 11-12

HUMAN SERVICES

> Introduction to Teaching: General Education I & II _____ 21

> Introduction to Teaching: Early Elementary I & II _____ 11-12

INFORMATION TECHNOLOGY

> Computer Programming _____ 11-12

> Advanced Computer Programming _____ 12

MARKETING EDUCATION

> Introduction to Business _____ 10-12

> Retail Marketing _____ 11-12

> Marketing Management _____ 11-12

> Work Experience _____ 12

ART, AV TECHNOLOGY & COMMUNICATION

RADIO AND TELEVISION BROADCASTING TECHNOLOGY **1 Credit** Grade Levels 11-12

This course introduces students to the exciting area of digital audio and video recording, editing, and presentation. Students will be introduced to industry related technology (hardware & software) and produce broadcast quality projects for multiple media platforms. Related occupations will also be explored, including broadcast technician, scriptwriter, film and video editor, camera operator, newscaster, announcer, and managing editor.

BUSINESS SERVICES & TECHNOLOGY

BUSINESS APPLICATIONS AND TECHNOLOGY I **1 Credit** Grade Levels 10-12

Business Applications and Technology is a required course for high school graduation. Students will learn how to format, create, edit, and finalize a variety of documents used in education and in the workplace. Students will utilize spreadsheet programs to engage in data management and financial analysis, while working to gain an understanding of Business Ethics and the Law. Students are expected to learn and demonstrate real world business skills, including the job application process. BAT I will give students skills that will be valuable to them in high school, in post-secondary education, and in the workplace.

BUSINESS APPLICATIONS AND TECHNOLOGY II **1 Credit** Grade Levels 10-12

Students will expand on the knowledge learned in BAT I by developing essential business skills, employment skills, professional development skills, learning information management, marketing techniques, and topics related to human resources and international business. Students will also enhance their knowledge of entrepreneurship, financial analysis, business laws, electronic commerce, and strategic planning. Students will extend and enhance critical thinking skills, all of which will be worked on in business simulations both online and in "real" work settings.

*Students may earn senior English credit for this course.

*This course counts toward VPAA credit.

COOKING AND CULINARY ARTS I

1 Credit

Grade Levels 11-12

Students in this program will learn the aspects of operating a commercial restaurant/business through a unique hands-on experience. Friendly, outgoing, creative people will find this class, and this career field, most rewarding. Skills such as management, marketing, business math, along with employability skills, customer service, and culinary arts are all taught as a part of the curriculum. Aspects of the Hospitality Industry, such as travel & tourism, are put to use as students manage and operate the Drift Inn Restaurant. Students will also have the opportunity to earn ServSafe & Prostart certification, as well as possible college credits through articulation agreements.

*Students may earn senior Math credit for this course in the last year of high school. *This course counts toward VPAA credit.

COOKING AND CULINARY ARTS II

2 Credits

Grade Level 12

Students must take CCS I as a prerequisite to CCS II. In this second level class, students will continue to build upon the skills learned in the CCS I with the addition of several more advanced segments. Management, ordering and inventory, bookkeeping, production schedules, and crisis management are among a few of the more advanced concepts learned. A Foundations Level 2 second year textbook and workbook will be used, and students will have more responsibility in the daily operations of the Drift Inn Restaurant. Advanced certifications through ServSafe and Prostart are also offered.

*Students may earn senior Math credit for this course in the last year of high school. *This course counts toward VPAA credit.

INTRODUCTION TO COOKING, BAKING AND CULINARY ARTS

.5 Credit

Grade Levels 10-12

So you want to cook?! Are you looking for fun with food? Then this class is for you, it's FoodTastic!

In this fast-paced, exciting adventure in the kitchen students will not only learn the fundamentals of basic food preparation, they will also jump head first into baking and pastry. The majority of the lessons will be delivered by hands-on demonstrations and a learn-by-doing format.

Oh yeah, did we forget to mention...Great cooks have to taste what they make!

INTRODUCTION TO LAW

.5 Credit

Grade Levels 11-12

Students interested in law and personal law will gain a better understanding of the legal environment in which we live through the study of real life cases and problems designed to build much needed critical thinking skills. Classroom activities include in-depth discussions, role-playing, debates, case studies, group work, and a possible mock trial. Topics covered include the origin of law, criminal law, civil law, court systems, property, wills, ethics, contracts, consumer law, insurance, and legal careers.

DRAFTING

INTRODUCTION TO DRAFTING/ARCHITECTURE

1 Credit

Grade Levels 9-12

This course is designed to introduce students to the basic fundamentals of drafting and Computer Aided Design. Students will be exposed to 2D drawing and 3D solid modeling, developing their skills in blueprint reading, sketching, shape description and the use of technology. Upon completion of this course, students will understand and be able to demonstrate a practical knowledge in basic house development and design, drafting techniques and fundamentals, modular applications, room planning, material section, design, the drawing of basic floor plans, and perspective drawings.

ARCHITECTURAL DESIGN

1 Credit

Grade Levels 10-12

Architectural drawing is a one-year course designed for the individual interested in residential construction and design. This course will provide students the opportunity to prepare architectural working drawings using Autodesk Software. Students will become more familiar with construction techniques and processes in architecture. Upon completion of this course, using Autodesk, students will have successfully developed a complete set of architectural working drawings, renderings, and models.

*This course counts toward VPAA credit.

ENGINEERING & INDUSTRIAL DESIGN

1 Credit

Grade Levels 10-12

This course is designed to enhance the basic principles of engineering and mechanical design. Students will be introduced to engineering drawing and design fundamentals, as well as blueprint reading and industrial related math. Upon completion of this course, students will be able to read and draw complete sets of mechanical and engineering drawings and be efficient using various Autodesk Software packages.

*Students may earn senior Math credit for this course in the last year of high school. *This course counts toward VPAA credit.

COMPUTER AIDED DESIGN

1 Credit

Grade Levels 11-12

Prerequisite: Architectural Design or Engineering and Industrial Design

This is an advanced drafting and design course in which students will become more familiar with Computer Aided Design, or CAD. Students apply their knowledge in product design, architectural design, and engineering principles to create solid models and working drawings. Each student will have the option of choosing one of the following specialties: Architectural Design or Mechanical Design.

*Students may earn senior Math credit for this course in the last year of high school. *This course counts toward VPAA credit.

ADVANCED COMPUTER AIDED DESIGN: SENIOR PORTFOLIO

1 Credit

Grade Level 12

Prerequisite: Computer Aided Design

This class is designed for students who have shown exceptional skill in Computer Aided Drafting and in related courses and are planning to continue on in this career area. Students are required to concentrate on expanding knowledge of CAD skills, gaining increased knowledge in the areas of mechanical or architectural design. Students are required to create a portfolio of their work, which will include all previous accomplishments throughout his/her 3+ years in the Drafting Technology field, as well as provide material to use as college entrance work.

*Students may earn senior Math credit for this course in the last year of high school. *This course counts toward VPAA credit.

EDUCATION

INTRODUCTION TO TEACHING: GENERAL EDUCATION I & II

1 Credit

Grade Levels 11-12

This course is designed for students who are interested in working in education. Students will explore diverse career options in the field of education, and also examine the multiple responsibilities and professional role of being a teacher. Students will develop an understanding of school structures, operations, policies, and critical issues in education. The structure of this class will be in a classroom setting, as well as a work-experience environment, in which students will have the opportunity to explore two different classroom settings. During the placement, students will design, create, and teach a lesson. This course is for students who want to learn from a master teacher as a student assistant doing work experience.

*Students may earn senior English credit for this course. *This course counts toward VPAA credit.

INTRODUCTION TO TEACHING: EARLY ELEMENTARY I

1 Credit

Grade Levels 11-12

Early Elementary Education I is designed to provide students with the experience of working with preschool children in a classroom setting. In this course, students participate in the management and operation of our on-site preschool, The Learning Center. The classroom component prepares students with knowledge of the developing child, while the preschool component allows students the opportunity to exercise the skills that they are learning practically. Students may also be able to participate in extra training, such as First Aid/CPR certification. Students will have a variety of experiences, such as reading to children, preparing snacks, leading circle activity, and supervising during outdoor play and preschool field trips. The year concludes with a final project that includes all components of creating a family day care home, a day care center or a preschool center.

*Students may earn senior English credit for this course. *This course counts toward VPAA credit.

INTRODUCTION TO TEACHING: EARLY ELEMENTARY II

1 Credit

Grade Level 12

Early Elementary Education II is designed to provide students with the experience of working with preschool or elementary children. Students continue their exploration of the development of children, with a heavier focus on curriculum, management skills, special-needs children, and post-secondary and career preparations. Students continue to help in the on-site preschool, The Learning Center, but have the option of long-term placement in preschool or elementary classrooms. Lesson plans are stressed and many projects are created and are presented in each student's portfolio as he or she completes their second year.

*Students may earn senior English credit for this course.

FINANCE

COMPUTERIZED ACCOUNTING I

1 Credit

Grade Levels 10-12

This course, through the use of a computerized accounting program and spreadsheet software, is designed to provide students with a foundation in accounting principles and theory. Students learn the double entry system of accounting to record and post transactions, and will be asked to complete a full accounting cycle of preparing financial statements and "closing the books" for both a sole proprietorship and a corporation. Students will also be exposed to payroll accounting, accounts payable and receivable, and career related topics. Students will work on simulations that emulate what the accounting process looks like in the business world.

*Students may earn senior Math credit for this course in the last year of high school.

COMPUTERIZED ACCOUNTING II

1 Credit

Grade Levels 11-12

This course is a continuation of the accounting principles relating to managerial accounting. Emphasis is placed on departmental accounting, corporate accounting, cost accounting, budgeting, financial analysis, and decision-making. Students will act as small business accountants for the businesses run within our school, using QuickBooks Small Business Accounting to gain real world accounting knowledge and practice.

*Students may earn senior Math credit for this course in the last year of high school.

MARKETING EDUCATION

INTRODUCTION TO BUSINESS

1 Credit

Grade Levels 10-12

This class is designed for students looking to explore a career in business, or those interested in learning how business relates. Topics covered include economics, business communications, banking, management, credit, international business, entrepreneurship, and personal finance. Students create an individualized business plan as well as develop business skills needed in any workplace. Students also have the option to compete in DECA competitions. This course is not a pre-requisite for Marketing Management or Retail Marketing.

*Students may earn senior ELA credit and Economics credit in this course. *This course counts toward VPAA credit.

RETAIL MARKETING

1 Credit

Grade Levels 10-12

This class will help prepare students for employment in the management, retail, entrepreneurship, and business fields. Students manage and operate the school store, Tip of the Mitt, which is open to students, staff, and the community. Class activities include store promotions, product management, pricing, promotion, computerized cashiering, customer service, financial reporting, and small business management. Projects include creating displays, mobile retail selling, managing Cheboygan Chief merchandise, and the option to compete in DECA competitions

*Students may earn senior Math credit for this course in the last year of high school. *This course counts toward VPAA credit.

MARKETING MANAGEMENT

1 Credit

Grade Levels 10-12

This project based class focuses on topics including professional selling, advertising, product and packaging design, public relations, market research, and E-commerce. Sample projects include completing a professional research project for an existing business, creating products with packaging and labeling, developing promotional materials, completing current business simulations, and also the option to compete in DECA competitions.

*Students may earn senior English credit for this course. *This course counts toward VPAA credit.

WORK EXPERIENCE

1 Credit

Grade Levels 12

The off-campus work experience program is designed to provide students the opportunity to gain skills in a career field in which they are interested in pursuing post-secondary. Job placements can include both paid and non-paid experiences and students must be enrolled in a related class to their specific job. Students must average a minimum number of hours of work at their employer and will receive credit if they earn a satisfactory job evaluation from their employer, while also submitting weekly time records. Work experience can be scheduled during any hour of the school day. An application, safety training, and a written training plan are required before enrollment.

TRADE & INDUSTRY

AUTOMOTIVE TECHNOLOGY I & II

2 Credits

Grade Levels 11-12

Automotive Technology is designed to prepare students for various careers in transportation, such as, automotive management, as an auto and diesel technician, in technical education, as a parts specialist, or in engineering. Students are expected to gain basic skills in the use of tools and equipment common to vehicle repair. Theory of operation is taught for the purpose of enhancing a student's diagnostic skill, with related project work in the auto lab. "Hands on" lab tasks will be performed with extensive instruction in the areas of brakes, electrical and electronic, and suspension/steering. Students also work together as a team in repairing lab donated vehicles. This NATEF accredited program provides advanced placement credit with various universities and community colleges when articulation guidelines are met. Michigan mechanic certification tests are administered, and students have the opportunity to compete regionally and at the state level of SkillsUSA and MITES.

*Students may earn senior Math credit for this course in the last year of high school.

AUTOMOTIVE ESSENTIALS

.5 Credit

Grade Levels 10-12

This elective course provides the automotive maintenance basics any student would want or need to know, including emergency repairs, safety inspections, fundamental repairs and maintenance, vehicle appearance care, customization, and accessory installations. This elective course is not a prerequisite for the Automotive Technology courses.

*This course counts toward VPAA credit.

CONSTRUCTION TECHNOLOGY CORE

1 Credit

Grade Levels 10-12

The Construction Trades Technology Core Class covers all theory and components needed to enter the Construction Technology Class. Students will be exposed to eight core subject areas in hand tools, power hand tools, building materials, electrical, plumbing, safety, career awareness, and blueprint reading. Students, once the core areas are completed, will be exposed to 15 job specific areas, as Building Material handler trainee, Framing Carpenter trainee, Roofer trainee, Siding Applicator trainee, Trim Carpenter trainee, Flatwork Former trainee, Flatwork Finisher trainee, Insulator trainee, Gypsum Board Hanger trainee, Drywall Finisher trainee, Painter Helper trainee, Electrician trainee, Plumber trainee, and Heating/Cooling trainee. It is a classroom/lab environment designed to develop the students' interest in the construction trades field.

CONSTRUCTION TRADES I & II

2 Credits

Grade Levels 11-12

Our Construction Trades program is designed to teach students the basics of residential construction, while demonstrating how those skills can apply to a variety of high-skill, high-wage, high-demand careers within the industry. In this course, students will work as a team to build a home for a family in Cheboygan

County from foundation to completion, while learning cutting-edge techniques used in both residential and commercial construction. Emphasis is placed on energy efficiency, sustainability and environmentally friendly practices. Through this course, students can earn an OSHA 10-Hour certification to ensure job site safety and a State of Michigan 60 hour pre-license for the Builders exam.

*Students may earn senior Math credit for this course in the last year of high school.

HOMEIMPROVEMENT

.5 Credit

Grade Levels 9-12

This class consists of the basic construction trades curriculum which includes safety, hand and power tools, building materials, plumbing, electrical, cooling and heating systems and career areas in the field. The construction of structural features and use of alternative energy sources will be demonstrated. There will also be a unit of instruction on installation and maintenance of appliances at both the homeowner and industry levels.

WELDING

METAL FABRICATION I

1 Credit

Grade Levels 9-12

Metal Fabrication I is an entry-level course that introduces students to the basic principles and processes involved in the areas of metal working, fabrication, project design, and construction. Students learn how to use hand and power tools, read and interpret blueprints, and create projects. The students will be introduced to welding and thermal cutting processes, metal forming and shaping techniques, metal sawing, shearing and cutting procedures, as well as all aspects of manufacturing fundamentals. This course is designed to prepare students to continue into the Metal Fabrication II course, or to provide an exploratory into the metalworking/welding trades. The course will also provide the students with practical metal working knowledge useful to them in everyday life.

METAL FABRICATION II

1 Credit

Grade Levels 10-12

Metal Fabrication II builds and expands on all of the fundamentals learned in the Metal Fabrication I class. Additional processes consist of lathe and vertical milling operations, including the use of precision measuring equipment. Advanced sheet metal work is also included, as well as expanded instruction into several welding and thermal cutting processes. Students will be required to design, fabricate, and then exhibit their finished projects in the MITES regional and state project competitions. It is a course designed to prepare the students for continuation into the Welding Technology courses or to provide a career pathway into the metalworking or welding trades.

*This course counts toward VPAA credit.

WELDING TECHNOLOGY I

2 Credits

Grade Levels 11-12

This course covers the basic skills through advanced welding processes and operations. Students will demonstrate proficiency using several different welding processes and operating many related metal working machines. This class is designed to provide students with a very well-rounded base of knowledge involving several different welding, cutting, and metal fabrication processes. It provides an excellent transition into an associates or bachelors degree program at many Michigan community colleges and universities in addition to several welding trade schools. American Welding Society structural welding certification is also available upon completion of the course requirements for those students looking for post-high school employment.

*Students may earn senior Math credit for this course in the last year of high school. *This course counts toward VPAA credit.

WELDING TECHNOLOGY II

2 Credits

Grade Level 12

Students will be working with the same processes utilized in WT I, but will be required to complete more advanced assignments and projects with a higher degree of difficulty. In Welding II, students will perform the welds in the horizontal and vertical positions, perform groove and square butt welds, in addition to fillet welds, and weld on materials other than steel and aluminum. WT II students will also be expected to perform repair and general fabrication work as a practical means of applying the knowledge and skill they have previously obtained. Students will have the opportunity to participate in the Ferris State University Welding Competition and be eligible to certify to the American Welding Society Structural Welding Code. WT II is highly recommended if the student is planning to pursue a career in the welding profession or continue on in a post-secondary welding program at a college or university.

*Students may earn senior Math credit for this course in the last year of high school.

ENGLISH / LANGUAGE ARTS

| COURSE | GRADE |
|------------------------------|-------|
| > English 9 or Advanced 9* | 9 |
| > English 10 or Advanced 10* | 10 |
| > English 11 or Advanced 11* | 11 |
| > English 12 | 12 |
| > AP Literature | 12 |
| > Adventures in Reading | 9-12 |
| > Creative Writing | 10-12 |
| > Drama | 9-12 |
| > Journalism I | 10-12 |
| > Journalism II | 10-12 |
| > Speech | 10-12 |
| > Yearbook | 10-12 |

* Required Courses for Graduation

SENIOR ENGLISH CREDIT CAN BE EARNED THROUGH ANY ENGLISH ELECTIVES OR THE FOLLOWING CLASSES :

Business Applications and Technology II
Introduction To Business
Marketing Management (DECA member)
Introduction To Teaching - General Education
Introduction To Teaching- Early Elementary

ENGLISH 9 OR ADVANCED ENGLISH 9*

1 Credit

Grade Level 9

English 9 is a survey course designed to build a solid foundation of knowledge and skills that will be refined, applied and extended as students engage in more complex ideas. Ninth graders will connect with and respond to text through the lens of interrelationships and self-reliance. Units of instruction include an introduction to high school reading and writing, contemporary realistic fiction, epic poetry, and Shakespearean drama.

ENGLISH 10 OR ADVANCED ENGLISH 10*

1 Credit

Grade Level 10

English 10 extends the foundation of skills developed in English 9. Students add to the list of contemporary, narrative, and informational text through the lens of critical response and stance. Units of instruction include American Post World War II drama, contemporary realistic satire, protest writing and the Great Depression, and the Harlem Renaissance.

ENGLISH 11 OR ADVANCED ENGLISH 11*

1 Credit

Grade Level 11

English 11 extends knowledge and skills in all areas of English-Language Arts including writing, speaking, reading, literature and culture, and language application. Students will move from concrete to abstract thinking in their study of British and world literature. Emphasis on ACT success is embedded in each unit of instruction. Units include Beowulf, Shakespeare, Frankenstein and Lord of the Flies.

ENGLISH 12

1 Credit

Grade Level 12

English 12 capitalizes on the skills learned in four years of English, as students consider their own leadership and communication skills and prepare to make their own way in society. Students will use abstract thought to analyze literature, reading novels, plays, and other writings from around the world. Students' independent thought, writing, persuasive and intuitive skills will be utilized in a culminating project at the end of the class.

ADVENTURES IN READING

.5 Credit

Grade Levels 9-12

This is a class designed to appeal to all readers. Students will investigate new young adult titles, illustrated/graphic novels, and nonfiction works, and apply the concepts to their own experiences and interests. Students will be able to explore their own interests in reading, participate in reading and writing workshops, and create a portfolio of their works.

AP LITERATURE

1 Credit

Grade Level 12

AP Literature is an accelerated English course for students who are highly self-motivated in the areas of reading and writing. The focus of this course is on world literature and college preparatory writing. Independent reading is expected and encouraged. Highlighted authors include Sophocles, William Shakespeare, Fitzgerald, Steinbeck and Richard Wright. Students enrolled in this course will survey classic authors both in class and independently, as well as participate in a research-writing project. Emphasis will be placed on writing effectively for both college and the AP exam.

CREATIVE WRITING

.5 Credit

Grade Levels 10-12

This course is intended for juniors and seniors wanting to explore and extend their writing ability in a variety of genres and forms. The course introduces students to contemporary writing including (but not limited to) poetry, fiction, drama, creative nonfiction, and multi-genre research. It also includes the reading and interpretation of good writing models, as well as a study of the qualities of good writing, including figurative language, content, focus, organization, and style. Students will apply these critical perspectives to their original work and the work of other students. They will make their work public through oral reading in class and by submitting writing for various contests and publications.

*This course counts toward VPAA credit.

DRAMA

.5 Credit

Grade Levels 9-12

Drama focuses on the study of theater history and terminology. Students will be introduced to different aspects of acting (voice, movement, concentration, memorization, emotion) and study the different types of plays (comedy, drama, melodrama). Writing, performance and participation are mandatory.

*This course counts toward VPAA credit.

JOURNALISM I

.5 Credit

Grade Levels 10-12

Students will learn to write in a variety of journalistic styles, including news articles, opinions articles, reviews, feature articles, and sports articles, while also working to become familiar with all parts of a newspaper, journalistic vocabulary, and journalism ethics. Interviewing and research skills will also be covered, and some extra-curricular involvement is critical and will be, at times, mandatory. This course is open to 10th graders enrolled concurrently in another English class as elective credit only.

JOURNALISM II

.5 Credit

Grade Levels 10-12

Students will review and strengthen their journalism and interviewing skills as well as take on a more involved role in planning, layout, and production design of the paper by acting as student editors. Extra-curricular involvement is crucial. This course is open to 10th graders enrolled concurrently in another English class as elective credit only.

SPEECH

.5 Credit

Grade Levels 10-12

This course emphasizes verbal and non-verbal communications, listening skills, and small group discussion. Students will research and write formal outlines and learn proper public speaking techniques in speeches of introduction, information, persuasion, and debate.

Class participation is mandatory.

*This course counts toward VPAA credit.

YEARBOOK

1 Credit

Grade Levels 10-12

The purpose of this course is to annually produce the CAHS Yearbook. This course will simulate the world of work with regard to attendance, work ethic and behaviors, decision-making, problem solving, and adhering to deadlines. This course teaches the skills of effective verbal and visual communication as well as time, money, and human resource management. Students in Yearbook will be required to complete a variety of tasks to create a quality yearbook that captures the spirit of the school year, as well as serve as a historical representation and public relations tool for CAHS.

*This course does not count as an English Credit towards graduation.

INDUSTRIAL ARTS

| COURSE | GRADE |
|-----------------------------|-------|
| > Woodworking I | 9-12 |
| > Woodworking II | 10-12 |
| > Woodworking III | 11-12 |
| > Advanced Furniture Making | 12 |

WOODWORKING I

1 Credit

Grade Levels 9-12

In this course, students learn to use woodworking tools and machines safely. The initial project is designed by the instructor and is required to incorporate the safe and efficient use of major equipment found in a woodworking shop. Areas which will be emphasized include: measurement and applied math, wood joinery, and surface preparation and finishing. There is a lab fee with this course.

WOODWORKING II

1 Credit

Grade Levels 10-12

In Woodworking II, students will review machine safety and then build a student or pre-planned project of their choice, to be approved by the instructor. Along with the project, students will be required to do a series of lab assignments. These assignments include using a lathe, band saw, and scroll saw. Students are required to pay for the materials used to construct their project.

*This course counts toward VPAA credit.

WOODWORKING III

1 Credit

Grade Levels 11-12

In Woodworking III, students conceive an idea, plan, and build a project that challenges their woodworking skills. In conjunction with the project, students will do a series of lab assignments. These include wood lamination, steaming and bending wood, and the use of basic machines to complete multiple tasks. Students are required to pay for the materials used to construct their project.

*Students may earn senior Math credit for this course in the last year of high school. *This course counts toward VPAA credit.

ADVANCED FURNITURE MAKING

1 Credit

Grade Level 12

Students are expected to construct a major piece of furniture of extremely high quality. This project will be entered in the annual Michigan Industrial Technology Education Society (MITES) contest. Students will estimate and bid the cost of the project. The project must include one of the following elements: laminated bending, steam bending, inlays, turning, carving, molding/pattern making, or mechanical operation. In conjunction with the project, students will be expected to read and summarize five articles of current woodworking literature in order to further develop their knowledge of current woodworking techniques and processes. Students are required to pay for the materials used to construct their project.

*Students may earn senior Math credit for this course in the last year of high school. *This course counts toward VPAA credit.

LIFE MANAGEMENT EDUCATION

| COURSE | GRADE |
|-------------------|-------|
| > Health* | 9 |
| > Life Management | 9-12 |
| > Nutrition I | 9-12 |
| > Nutrition II | 10-12 |

* Required Courses for Graduation

HEALTH

.5 Credit

Grade Level 9

Health is a required class necessary to fulfill the graduation requirements. Physical, mental, emotional, and social health will be covered with topics on stress management, substance use and abuse, food and nutrition, physical fitness, basic first aid, healthy relationships, human reproduction, and sexually transmitted infections, including AIDS education and choosing appropriate health care.

LIFE MANAGEMENT

.5 Credit

Grade Levels 9-12

This course is designed to prepare students for adult and independent living. Skills are developed to help students manage relationships, finance, nutrition and decision making - perfect for students who will be heading to college or moving out on their own.

NUTRITION I

.5 Credit

Grade Levels 9-12

Topics covered will include nutritional needs, sports nutrition, weight management, proper sanitation and food safety, basic cooking methods, meal planning and preparation, food and cultures, budgeting, and grocery shopping skills. Laboratory situations will include food preparation techniques to encourage nutrition, economy, sanitation, and aesthetics.

NUTRITION II

.5 Credit

Grade Levels 10-12

This course will expand student knowledge of foods and nutrition, the selection of healthy foods, methods of preparation, combining foods, foods from around the United States and the world, special ways of handling foods, managing health conditions through food selections, the food supply, being a wise consumer of food, and exploring career opportunities in foods and nutrition.

MATHEMATICS

| COURSE | GRADE |
|------------------------------------|-------|
| > Algebra I* | 9 |
| > Algebra II* | 10-11 |
| > Advanced Algebra II | 10-11 |
| > Geometry* | 9-10 |
| > Advanced Geometry | 9-10 |
| > Trigonometry / Pre-Calculus | 11-12 |
| > Business Math & Personal Finance | 11-12 |
| > Probability, Data and Statistics | 11-12 |
| > AP Statistics | 12 |
| > AP Calculus | 12 |
| > Technical Math | 11-12 |
| > Sr. Math / CTE | 12 |

* Required Courses for Graduation

SENIOR MATH CREDIT CAN BE EARNED THROUGH ANY MATH ELECTIVES OR BY TAKING ONE OF THE FOLLOWING CLASSES DURING THE SENIOR YEAR:

- Finance/Computerized Accounting I & II
- Engineering & Industrial Design
- Construction Trades I & II
- Computerized Aided Design (CAD)
- Welding Technology I & II
- Advanced Furniture Making
- Woodworking III
- Retail Marketing
- Cooking & Culinary Services I & II
- Automotive Technology I & II

ALGEBRA I*

1 Credit

Grade Level 9

This is a course designed to provide a comprehensive knowledge of first-year Algebra. Topics include understanding our number system, variables, equation solving, graphing, polynomials, rational and irrational numbers, and quadratic equations.

ALGEBRA II*

1 Credit

Grade Levels 10-11

With an emphasis on reading, this class will cover variations and graphs, linear relations, matrices, systems of equations, including linear programming, parabolas and quadratic equations, functions, powers and roots, exponents and logarithms. Trigonometry, including sine and cosine functions and the Law of Sines and Cosines, polynomials, quadratic relations, and series, combinations and statistics will also be studied in depth. Students will use TI-84 graphing calculators throughout the course.

ADVANCED ALGEBRA II

1 Credit

Grade Levels 10-11

This course is designed for students who have successfully completed Geometry or Advanced Geometry. With an emphasis on reading for information, advanced Alg. II studies various functions (linear, quadratic, exponential, logarithmic, power and trigonometry) and their graphs. Students will also study basic combinatorics, sequences and series, and statistics. The use of a graphing calculator (TI-84) is essential for this course.

GEOMETRY*

1 Credit

Grade Levels 9-10

This is a course designed for students who have successfully completed Algebra I or Algebra in 8th grade. The concepts of congruence, similarity and symmetry of lines, triangles, polygons and circles will be studied both inductively and deductively. Three-dimensional geometry, special triangles, coordinate geometry, trigonometry, and transformation will complete the topics studied.

ADVANCED GEOMETRY

1 Credit

Grade Levels 9-10

This course is designed for students who have successfully completed Algebra I. It is a comprehensive study of plan and coordinate geometry with an emphasis on logical reasoning and proof. Because of the advanced nature of the course students are not only assessed using tests and quizzes but through independent projects and research papers. Topics studied include similarity, congruence, three dimensional geometry, constructions and trigonometry.

TRIGONOMETRY / PRE-CALCULUS

1 Credit

Grade Levels 11-12

This course is designed for students who have successfully completed Algebra II. It is a college preparatory course that studies functions (power, exponential, logarithmic, power and trigonometric) and their graphs. Students will also study basic combinatorics, sequences and series and statistics. The use of a graphing calculator (TI-84) is essential for this course.

BUSINESS MATH & PERSONAL FINANCE

.5 Credit

Grade Levels 11-12

This course enables students to make sound financial decisions that will assist them in being more efficient and effective with money. Topics of discussion include credit and borrowing, savings and investments, stocks, bonds, budgeting real estate, retirement, insurance, the use of financial institutions, and taxes. In addition, students will further enhance their skills in figuring discounts, commissions interest, gross and net income, overtime, averages, and shipping charges.

PROBABILITY AND STATISTICS

.5 Credit

Grade Levels 11-12

Probability and Statistics is the ideal alternative for seniors not going into higher-level courses such as AP Calculus and AP Statistics, but who are interested in an introduction to the important topic of statistics. The class's data analysis approach moves students away from monotonous computation to focus on the statistical thinking behind gathering and interpreting data. This approach more accurately reflects the way working statisticians contribute to our understanding of the world. The course also helps students be more discerning consumers of statistics, teaching them to look closely at what the number from surveys, election polls, and medical studies are really saying.

AP STATISTICS

1 Credit

Grade Level 12

This course is for students that have a strong background in mathematics and are planning to pursue careers in the areas of business, marketing, government or science research, insurance, etc. Topics studied in statistics are divided into four major themes: exploratory analysis of data to make use of graphical and numerical techniques to study patterns and departures from patterns; collecting data according to a well developed plan if valid information on a conjecture is to be made; probability and how it is used to anticipate what the distribution of data should look like under a given model; statistical inference, which guides the selection of appropriate model. TI-84 graphing calculators will be used throughout the course. Students will have the opportunity to take the College Board AP statistics examination. Students must obtain a score of 4 or 5 to obtain free college math credits at any institution that accepts AP examination scores.

AP CALCULUS

1 Credit

Grade Level 12

This course is primarily concerned with developing students' understanding of the concepts of calculus and providing experience with its methods and applications. The course emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed geometrically, numerically, analytically, and verbally. This course uses technology regularly to reinforce the relationships among the multiple representations of functions, to confirm written work, to implement experimentation, and to assist in interpreting results. Through the use of the unifying themes of derivatives, integrals, limits, approximations, and applications and modeling, the course becomes a cohesive whole rather than a collection of unrelated topics. As a year-end evaluation, students will take The College Board AP Calculus AB Examination. Predetermined scores on the examination will result in free college math credits at virtually any institution in the United States.

TECHNICAL MATHEMATICS

1 Credit

Grade Levels 11-12

This course is a hands-on mathematics course that reviews the fundamental principles of Algebra and introduces concepts in Geometry through the use of laboratory experiences. Problem solving skills and real life story problems are stressed throughout this course. A set of competency based learning materials is used to prepare students to develop and refine job-related skills. The materials include videos, test, lab activities, and problem-solving exercises aided by the use of a calculator.

PHYSICAL EDUCATION*

| COURSE | GRADE |
|-----------------------------------|-------|
| > High School Physical Education* | 9 |
| > Fitness & Athletic Performance | 10-12 |
| > Lifetime Sports | 10-12 |

* Required Courses for Graduation

HIGH SCHOOL PHYSICAL EDUCATION*

.5 Credit

Grade Level 9

This is a general co-ed physical education class for ninth graders only. Sportsmanship and the benefits of being physically fit are stressed through individual sport, team sports, and physical conditioning. The class is designed to foster an enjoyment of physical activities and encourage future physical fitness.

FITNESS & ATHLETIC PERFORMANCE

.5 Credit

Grade Levels 10-12

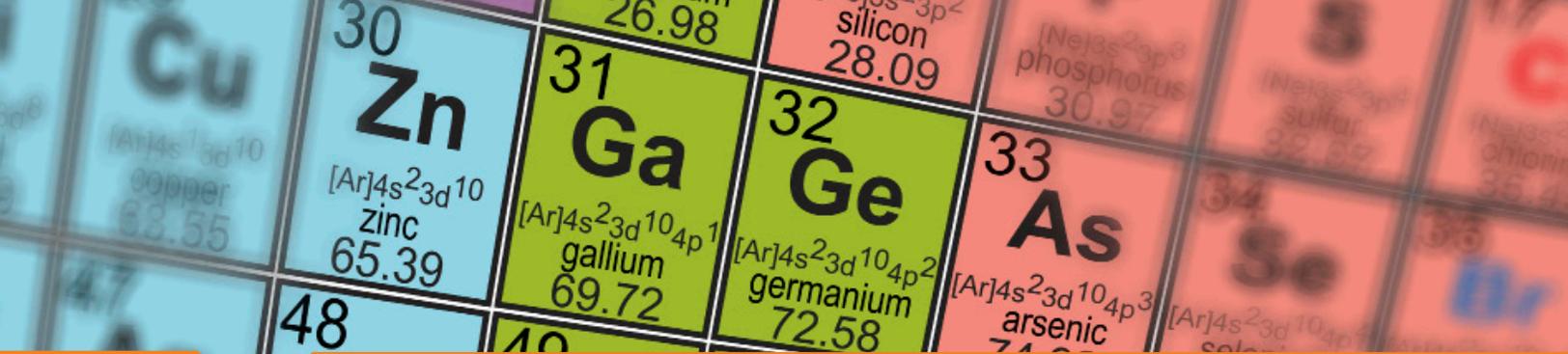
This course is an advanced physical education class designed to improve speed, strength, agility, flexibility, specific sport skills, cardiovascular and muscular endurance, and power. Weight training, running and a variety of exercises and training methods are used to enhance students' physical, emotional, and intellectual skills. Interscholastic participants are encouraged to enroll.

LIFETIME SPORTS

.5 Credit

Grade Levels 10-12

This course will involve a variety of sports, both team and individual. Emphasis is placed on activities that could be enjoyed throughout the students' lives. A list of possible activities could include softball, soccer, volleyball, tennis, basketball, kickball, and floor hockey. Other activities could be added depending on class numbers. Students enrolling in this course should have an interest in all sports and a willingness to stay fit. Skill and effort are both criteria for a grade, not just participation. Daily flexibility and cardiovascular activities are included. There will be no weightlifting.



SCIENCE

| COURSE | GRADE |
|--------------------------|-------|
| > Physical Science* | 9 |
| > Chemical Science* | 9 |
| > Biology* | 10 |
| > Chemistry | 11-12 |
| > Physics | 11-12 |
| > Advanced Biology | 11-12 |
| > Anatomy and Physiology | 11-12 |
| > Forensic Science | 11-12 |
| > Robotics | 11-12 |

* Required Courses for Graduation

PHYSICAL SCIENCE*

1 Credit

Grade Level 9

Physical Science is the study of the scientific laws and principles that govern our physical world. Topics in this course include motion, force, electricity, and waves. Students will also develop laboratory techniques through participation in scientific investigations or activities. This course is recommended for students interested in pursuing a career in science, engineering, and technology.

CHEMICAL SCIENCE*

1 Credit

Grade Level 9

This course is the study of changes in matter focusing on the periodic table, chemical bonding, chemical formulas, chemical reactions and the study of solutions focusing on changes of states, solution chemistry, concentration, and acid-base chemistry. Students will develop laboratory techniques through participation in investigations and activities. This class or Physical Science is required for graduation.

Every student must take Biology and either Physical Science or Chemical Science, and then an elective or career tech classes to fulfill 3 credits.

BIOLOGY*

1 Credit

Grade Level 10

Biology is a lab/activity-based course in which students investigate the concepts of ecology, population dynamics, communities, ecosystems, the biosphere, and an introduction to evolution. Students will also investigate the concepts and functions of the DNA structure, photosynthesis, respiration, and the fundamentals of genetics. This class is required for graduation.

CHEMISTRY

1 Credit

Grade Levels 11-12

This is an elective course designed for students to explore the basic science behind chemical reactions. As a part of this course, students will learn to write formulas for chemical compounds, predict how substances will react when mixed, and perform basic chemical analyses of substances. This class will also explore the basics of solution chemistry, including various properties of solutions including expressing concentrations, ions in solution, acid-base concepts, and oxidation-reduction reactions. Students will acquire knowledge through laboratory investigations, class discussions, and classroom demonstrations. This course is highly recommended for students wishing to pursue a career involving science.

PHYSICS

1 Credit

Grade Levels 11-12

The study of physics gives students an insight into the principles and laws that govern our physical world. Our study of mechanical physics includes one and two-dimensional motion, static and dynamic forces, energy, and momentum, while topics covered in thermodynamics and wave-theory physics include heat transfer, sound, light, mirror and lens optics, and relativity. Students will acquire skills and knowledge through laboratory investigations, class discussions, problem solving activities, and exciting demonstrations. This course is highly recommended for students pursuing careers in engineering, science, and technology.

ADVANCED BIOLOGY

1 Credit

Grade Levels 11-12

This course covers the characteristics of life, DNA, microorganisms, invertebrates and vertebrates. In this course, students will acquire knowledge through lecture, labs, and discussion.

ANATOMY AND PHYSIOLOGY

1 Credit

Grade Levels 11-12

In this course, students will explore the structure and function of the body, cells and tissues, the integumentary (skin) system, the skeletal system, the muscular system, and the nervous system. Students will also learn the functions of the endocrine system, the circulatory system, the lymphatic system, the respiratory system, the digestive system, and the reproductive system. Lectures, labs, and discussions will assist students in acquiring the necessary knowledge to be successful in class.

FORENSIC SCIENCE

.5 Credit

Grade Levels 11-12

Forensic Science is an elective course in which students learn to apply concepts learned in biology, chemistry, and physics to the area of crime scene investigation. This course has a strong emphasis on laboratory work, inquiry, and problem solving. Topics include blood typing, blood spatter, document and handwriting analysis, fingerprinting, crime scene sketching, and analysis of trace evidence. This class is recommended for students wishing to pursue a career involving law enforcement or science.

ROBOTICS

.5 Credit

Grade Levels 11-12

Students will develop skills in mechanical design and construction as they work in teams to build simple and complex robotic devices. They will explore the uses of robots in business and industry and examine how these devices affect our lives and shape our future.

SOCIAL STUDIES

| COURSE | GRADE |
|------------------------------|-------|
| > U.S. History & Geography* | 9 |
| > Civics/Government* | 10-11 |
| > Economics* | 10-12 |
| > World History & Geography* | 11-12 |
| > Foundations in Leadership | 10-12 |
| > Psychology | 11-12 |
| > Social Psychology | 11-12 |
| > People, Places & Politics | 11-12 |
| > Senior Capstone | 11-12 |

* Required Courses for Graduation

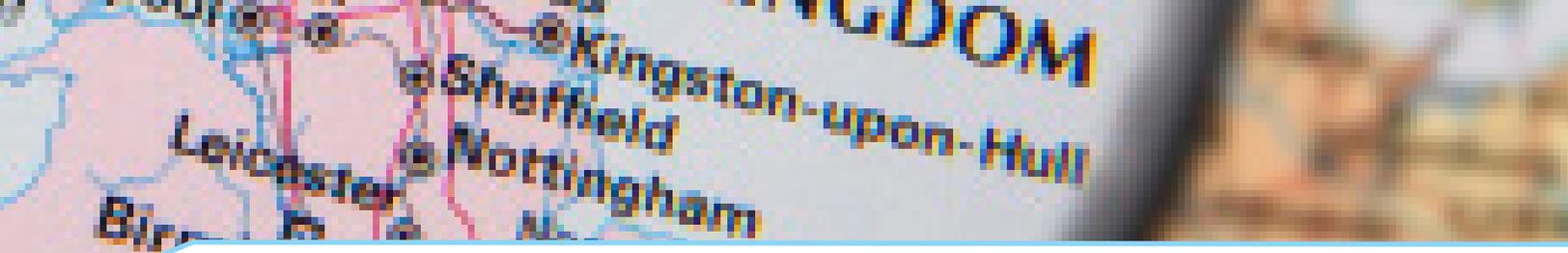
ECONOMICS CREDIT CAN BE EARNED THROUGH
INTRODUCTION TO BUSINESS

U.S. HISTORY & GEOGRAPHY*

1 Credit

Grade Level 9

The focus of this course is to help students become acquainted with American tradition and develop a knowledge and understanding of America today through a study of its past. This course focuses on the growth and changes found in the United States and its ever-changing role in the world. The content of study will cover the years between 1890 to present. Major topics treated in this course include expansionism, imperialism, the second industrial revolution, immigration, social reform, the World Wars, the Great Depression, and the emergence of the United States as a World Power.



CIVICS / GOVERNMENT*

.5 Credit

Grade Levels 10-11

This course is designed to challenge students to become active and productive members of society by gaining insight into the democratic principles of the federal, state, and local governments. Topics covered in this class include the Constitution, origin of the Constitution, political parties, court cases, types of governments, and US foreign policy.

ECONOMICS*

.5 Credit

Grade Levels 10-12

In this course students gain experience and knowledge in the economics of micro, macro, and global business through the study of topics such as foregone earnings versus future gains, entrepreneurship and profit, financing a business, and much more. Students gain knowledge in economic stability and grasp a better understanding of the government's efforts to control the business cycle.

*Social studies credit for Econ can also be obtained through Introduction to Business

WORLD HISTORY & GEOGRAPHY*

1 Credit

Grade Levels 11-12

The purpose of this course is to enable students to understand their connections to the development of civilizations by examining the past. This is done to prepare for their future as participating members of a global community. Students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to solve problems in academic, civic, social, and employment settings.

FOUNDATIONS IN LEADERSHIP

.5 Credit

Grade Levels 10-12

This course examines the type of leadership required to create and maintain high levels of performance in organizations from the individual, the interpersonal, the group, and the organizational points of view. Students are encouraged to assess their own leadership style and to develop a leadership action plan.

PSYCHOLOGY

1 Credit

Grade Levels 11-12

The objective of this course is to give students an opportunity to achieve a better understanding of themselves and others through an examination of modern psychological theories. Students will study common forms of mental illnesses and their relative treatments, improving their ability to recognize and consider others' viewpoints and individual differences. Students also develop a respect for verifiable evidence as the basis for drawing conclusions about human behavior. In addition, students will consider ethical limits on psychological research involving human subjects.

SOCIAL PSYCHOLOGY

.5 Credit

Grade Levels 11-12

This advanced elective course investigates and interprets how and why people think and act in a variety of settings. Major topics include applied psychology at the workplace, in an educational setting, and in sports; also the psychology of family, counseling, and deviance in society. Careers in the psychology field and any human services profession will be discussed.

PEOPLE, PLACES, AND POLITICS

.5 Credit

Grade Levels 11-12

This course will give thought and enable discussion about current issues that concern the United States and policies abroad. Students will develop an ability to look at both sides of an issue, evaluate decisions made by leaders, and discuss the consequences of the decisions. Topics will cover a wide range of subjects dealing with social, political, and foreign affairs (such as human rights), scientific ethics, and the globalization of the world's economy.

SENIOR CAPSTONE

.5 Credit

Grade Levels 11-12

This class will serve as a capstone to the high school experience. Students will enhance the skills needed to move on to the next step in their lives, including communication, teamwork, decision making, interviewing and gaining or maintaining a tolerance for the world in which we live. Projects will include a portfolio to showcase knowledge and talents, developing a financial plan for the future, and a persuasive project. The final assessment will be a project of the students' choosing that illustrates individual skills in their field of study and a presentation of their project to a committee of teachers and community members knowledgeable in that field.

WORLD LANGUAGES

| COURSE | GRADE |
|---------------|-------|
| > Spanish I | 9-12 |
| > Spanish II | 10-12 |
| > Spanish III | 11-12 |
| > Spanish IV | 12 |

SPANISH I

1 Credit

Grade Levels 9-12

This is an introductory course with an emphasis on speaking and listening skills, and on reading and writing skills. This course includes units on culture in Spanish-speaking countries.

SPANISH II

1 Credit

Grade Levels 10-12

This course is a continuation of Spanish I. Expansion of writing skills, simplified Spanish literature, several Spanish language movies, and cultural studies including legends of Mexico and a study of Spain are part of this course. Travel is possible.

SPANISH III

1 Credit

Grade Levels 11-12

This course offers the opportunity to put Spanish skills in practice! Some new grammatical concepts are introduced and students will expand their reading and writing skills by reading and analyzing Spanish legends, short stories, and novels. Conversational skills will also be expanded. Students will write a children's story in Spanish and write a short research paper on a Spanish person or city. Travel is possible.

SPANISH IV

1 Credit

Grade Level 12

This course goes deeper into Spanish literature. Two Spanish classic novels are read and analyzed. Higher levels of grammatical concepts are introduced and conversational skills are expanded. Travel is possible.



VISUAL, PERFORMING, & APPLIED ARTS

| COURSE | GRADE |
|--------------------------|-------|
| > Introduction to 2D Art | 9-12 |
| > Introduction to 3D Art | 9-12 |
| > Drawing | 10-12 |
| > Painting | 10-12 |
| > Ceramics | 10-12 |
| > Studio Art | 11-12 |
| > Choir | 9-12 |
| > Band | 9-12 |
| > Jazz Band | 9-12 |

INTRODUCTION TO 2D ART

.5 Credit Grade Levels 9-12

The objective of this course is to introduce students to the elements and concepts of two-dimensional design. Familiarity with the terminology, concepts and basic materials utilized in the studio by visual artists will be explored. Students will gain an understanding of the two dimensional design principles that underlies all 2D art in drawing and painting. This class is a prerequisite for drawing and painting.

INTRODUCTION TO 3D ART

.5 Credit Grade Levels 9-12

This course will focus on the elements of form, the principles of design, and the fundamentals of spatial structure/organization in three-dimensional visual art forms. Emphasis will be placed on three-dimensional visualization and tactile exploration of forms, environments and ideas through a variety of approaches, tools, processes and materials. This class is a prerequisite for ceramics and sculpture.



DRAWING

.5-1 Credits Grade Levels 10-12

This is an intermediate to advanced course in drawing. The emphasis will be on further exploration of techniques, materials, and completion of more complex work. By the second semester students will be encouraged to work toward their individual goals and to set up a portfolio. Classroom critiques will be a large part of classroom discussions. Individual research on relevant art history will be required. Sketchbooks are required.

PAINTING

.5-1 Credits Grade Levels 10-12

This is an intermediate to advanced course in Painting. The two semesters will be broken up into primarily acrylic medium techniques in the first semester and watercolor techniques in the second semester. Students will be required to start setting up a portfolio of their work. Students will study master painters and their work. We will work with still lives, landscapes, portraits, as well as conceptual and abstract work. Sketchbooks will be required.

CERAMICS

.5-1 Credits Grade Levels 10-12

This is a course in the use of ceramic (clay) material for creative expression. Students will explore and gain a level of proficiency in clay building techniques both by hand and on the potter's wheel. Students will research and study the work of master potters. Students will also develop individual portfolios in ceramics and sculpture. Students will learn about and use different types of glazes and techniques.

STUDIO ART

.5-1 Credits Grade Levels 11-12

Prerequisite: Any combination of two art courses with grade of C (or higher). If no class is offered and student wants to do as an independent study, student must have permission of instructor.

This course is open to college bound art students seeking a career in art. Much like an independent study class, students will set up their own visual problems to solve and work at their own pace. The goal is for students to produce a portfolio of quality work and a personal statement about their philosophy of art that can be submitted with their application to college.

CHOIR

1 Credit

Grade Levels 9-12

This class is designed to help students improve voice quality and the individual ability to sing in harmony in a large group setting. This class provides opportunities to perform in several concerts and district festival each year. Extra-curricular rehearsals and performances are expected of all enrolled students.

BAND

1 Credit

Grade Levels 9-12

This class is open to all interested high school students who have at least a ninth grade playing proficiency on a traditional band instrument. It is a performance-oriented ensemble, and its primary instructional method is rehearsal, preparation, and performance of the highest quality grade 2-5 appropriate repertoires. Students will participate with required attendance at all scheduled performances. Required performances include home football games (for Marching Band), school concerts, the Christmas Parade, District Band Festival, the Memorial Day parade and Commencement Ceremony.

Marching Band, a division of the band program, is a performance-oriented ensemble, with its primary purpose to perform at home football games and one Marching Band Festival. Due to the unique nature of preparation, students must commit to being in the band by the last Friday in May for the following fall season. There is a mandatory band camp at the school in August.

JAZZ LAB

1 Credit

Grade Levels 9-12

This is a performing group specifically suited for the performance of advanced level jazz music with an emphasis on improvisation. Instrumentation is generally a saxophone, trumpet, trombone, guitar, piano, bass guitar, and drums, but is left to the discretion of the director. Students must be concurrently enrolled in band, except those students who play the guitar, bass guitar, and piano. Students will audition for the group in the spring. The class meets "0" hour, and students are responsible for providing their own transportation. As with all instrumental ensembles, performances are required.



SPECIAL EDUCATION

SPECIAL EDUCATION COURSE OFFERINGS FOR STUDENTS SEEKING A CERTIFICATE OF COMPLETION

| COURSE | GRADE |
|------------------------------------|-------|
| > English 9 Skills | 9 |
| > English 10 Skills | 10 |
| > English 11 Skills | 11 |
| > English 12 Skills | 12 |
| > Reading | 9-12 |
| > Basic Math | 9-12 |
| > Pre-Algebra Skills | 9-12 |
| > Pre-Geometry Skills | 10-12 |
| > Life Science | 9-12 |
| > General Science | 9-12 |
| > World History & Geography Skills | 10-12 |
| > U.S. History & Geography Skills | 9-10 |
| > Civics/Government Skills | 10-12 |
| > Economics Skills | 10-12 |
| > Tutorial | 9-12 |

SPECIAL EDUCATION COURSE OFFERINGS FOR STUDENTS SEEKING A DIPLOMA

| | |
|--------------|------|
| > Tutorial | 9-12 |
| > Transition | 9-12 |

Special Education in Michigan: The Michigan Special Education Act is PA 451 (1976, 1995, and 2007). This law provides for special education services for individuals from birth through 26 years of age with special learning needs.

ENGLISH

ENGLISH 9 SKILLS

1 Credit

Grade Level 9

English 9 is a survey course designed to build a solid foundation of knowledge and skills that will be refined, applied, and extended as students engage in more complex ideas. Ninth graders will connect with and respond to text through the lens of interrelationships and self-reliance. Units of instruction include an introduction to high school reading and writing, contemporary realistic fiction, epic poetry, and Shakespearean drama.

ENGLISH 10 SKILLS

1 Credit

Grade Level 10

English 10 extends the foundation of skills developed in English 9. Students add to the list of contemporary, narrative, and informational text through the lens of Critical Response and Stance. Units of instruction include American Post World War II drama, contemporary realistic satire, protest writing and the Great Depression, and the Harlem Renaissance.

ENGLISH 11 SKILLS

1 Credit

Grade Level 11

English 11 extends knowledge and skills in all areas of English-Language Arts including writing, speaking, reading, literature and culture, and language application. Students will move from concrete to abstract thinking in their study of British and world literature. Emphasis is placed on British Literature and the comprehension of the selections read.

ENGLISH 12 SKILLS

1 Credit

Grade Level 12

This course is designed around the workplace. Students will learn how to write memos, friendly letters and formal business letters. Lengthier essays will be written with a research project completed. Students will learn how to read, fill out and interpret official documents. Surveys, interviews, resumes and appropriate communication skills centered on the workplace will be covered also.

READING

.5-1 Credit

Grade Levels 9-12

This course is designed for readers to enhance their reading strategies. Sight-word recognition is highly stressed in this class. Popular young adult novels will be read to engage the class and as a means to work on improving comprehension. Everyday reading skills will be addressed. A student may take this course as many times as required by his/her IEP.

MATHEMATICS

BASIC MATH

1 Credit

Grade Levels 9-12

This course is designed for students that need to improve their number sense and will be addressing real-life applications that include these skills. Content in this course includes place value, basic operations, money, time, fractions, percentages, decimals, problem solving skills, measurement, and working with data.

PRE-ALGEBRA

1 Credit

Grade Levels 9-12

This course is designed to help students gain exposure to basic pre-algebraic principles, as well as introduce algebraic concepts. Content in this course includes operations with integers, operations with fractions, operations with decimals, ratios and proportions, percentages, averages (means, medians, and modes), factors, powers and roots, working with variables, positive and negative numbers, properties of real numbers, solving equations, and graphs of equations.

PRE-GEOMETRY

1 Credit

Grade Levels 10-12

This course is designed to introduce the concepts of geometry. Students will learn geometric vocabulary, basic geometric concepts, angles, reasoning, perpendicular and parallel lines, triangles, quadrilaterals, polygons, perimeter and area, circles, surface of area and volume.

SCIENCE

LIFE SCIENCE

1 Credit

Grade Levels 9-12

Life Science is a course in which students investigate the concepts of ecology, population dynamics, communities, ecosystems, the biosphere, and an introduction to evolution. Students will also investigate the concepts of the DNA structure and function, photosynthesis, respiration, and the fundamentals of genetics.

GENERAL SCIENCE

1 Credit

Grade Levels 9-12

This course covers the study of the scientific laws and principles that govern our physical world. Topics include motion, force, electricity, and waves. Students will also develop laboratory techniques through participation in scientific investigations and activities. Students study changes in matter and the properties of matter.

SOCIAL STUDIES

WORLD HISTORY & GEOGRAPHY SKILLS

1 Credit

Grade Levels 10-12

The purpose of this course is to enable students to understand their connections to the development of civilizations by examining the past to prepare for their future as participating members of a global community. Students will gain knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities.

US HISTORY & GEOGRAPHY SKILLS

1 Credit

Grade Levels 9-10

This course begins with Reconstruction and continues to present day. A modified text is used along with videos and multimedia to help students experience the past. Learning the "why?" and "how?" is emphasized over names and dates.

CIVICS / GOVERNMENT SKILLS

.5 Credit

Grade Levels 10-12

This course is designed to challenge students to become active and productive members of society by gaining insight into the democratic principles of the federal, state and local governments. Topics covered in this class include the Constitution, origin of the Constitution, political parties, court cases, types of governments, and US foreign policy.

ECONOMICS SKILLS

.5 Credit

Grade Levels 10-12

Students gain experience and knowledge in the economics of micro, macro, and global business through the study of topics such as supply and demand, entrepreneurship, interdependence, and business practices. Students gain knowledge in economic stability and the government's efforts to control the business cycle.

ELECTIVES

TUTORIAL

.5-1 Credit

Grade Levels 9-12

Credit for this course is given to students who are concurrently enrolled in three to four general education courses and who may need extra support with those courses. Students are required to bring work to class. If no work is brought to class, work will be completed in the areas of math, reading, writing, science, decision-making skills, study skills, or employability skills. Students may lose the opportunity to take the tutorial course the following semester, if a student receives No Credit for the semester the student was enrolled in.

VISUAL, PERFORMING AND APPLIED ARTS
LIST OF APPROVED COURSES FOR GRADUATION REQUIREMENTS
*INDICATES COURSES WITH PREREQUISITES.

VISUAL ARTS

Introduction to 2D Art

Introduction to 3D Art

*Drawing

*Painting

*Ceramics

*Studio Art

PERFORMING ARTS

Speech

Drama

Senior Capstone

Band

Jazz Lab

Choir

APPLIED ARTS

Creative Writing

Architectural Design

Engineering and Industrial Design

Auto CAD

*Metals Fabrication 2

Welding Technology 1

*Welding Technology 2

Introduction to Business

Retail Marketing

Marketing Management

Automotive Essentials

Introduction to Teaching: General 1

*Introduction to Teaching: General 2

Introduction to Teaching: Early Elementary 1

*Introduction to Teaching: Early Elementary 2

Cooking and Culinary Arts 1

*Cooking and Culinary Arts 2

*Woodworking 2

*Woodworking 3

*Advanced Furniture Making

Radio and Television Broadcasting Technology

*Business Applications and Technology 2

STATEMENT OF NON-DISCRIMINATION

The Cheboygan Area Schools complies with all Federal laws and regulations of the U.S. Department of Education. It is the policy of the Cheboygan Area Schools that no person on the basis of race, color, religion, national origin or ancestry, age, sex, marital status, height, weight, gender, disability, or limited English proficiency shall be discriminated against, or excluded from participation in, denied the benefits of, or otherwise be subjected to, discrimination in any program or activity to which it is responsible or for which it receives financial assistance from the U.S. Department of Education.

Questions concerning Title IX of the Education Amendments Act of 1972 (which prohibits exclusion on the basis of sex) should be directed to Mark Oberman, Assistant Principal, Cheboygan Area Middle School, Cheboygan, MI 49721, Phone (231) 627-7103 or Sandra Jeannotte, CTE Administrator, Cheboygan Area High School, Cheboygan, MI 49721, Phone (231) 627-7191.

Questions concerning Title VI of the Education Amendments Act of 1964 (which prohibits exclusion on the basis of race, color, and national origin) should be directed to Dr. Michele Ackerman, Title VI Coordinator, Cheboygan Area High School, Cheboygan, MI 49721, Phone (231) 627-7191.

Questions concerning Section 504 of the Rehabilitation Act of 1973 (which prohibits exclusion on the basis of handicap) should be directed to Sandra Jeannotte, Section 504 Coordinator, Cheboygan Area High School, Cheboygan, MI 49721, Phone (231) 627-7191.

Questions concerning Title II of the American With Disabilities Act of 1990 (which prohibits a qualified individual with a disability shall not be denied the benefits of services, program or activities of a public entity) should be directed to Sandra Jeannotte, Special Education Administrator, Cheboygan Area High School, Cheboygan, MI 49721, Phone (231) 627-7191.

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