

CHEBOYGAN AREA HIGH SCHOOL

CURRICULUM & CAREER & TECHNICAL EDUCATION GUIDE



Education for Employment

UPDATED: 2023



PREFACE

Cheboygan Area High School is proud to offer a college and career ready curriculum that includes courses that offer students access to college preparatory courses, career and technological education programs, 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. Students are encouraged to discuss their course interests with their counselor, teacher, administrator, and parents.

“The future belongs to those who believe in the beauty of their dreams.”

ELEANOR ROOSEVELT

**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.*

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PROGRAM PLANNING

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 each 9-week marking period as 40% and the final exam as 20%. Advanced Placement courses (whether in person or virtual) are weighted on a 5.0 scale. (A=5, A-=4.7, B+=4.3, B=4.0, B-=3.7, C+=3.3, C=3.0, C-=2.7, D+=2.3, D=2.0, D-=1.7, E=0)

HIGH SCHOOL COURSES TAKEN IN 8TH GRADE

High school courses taken during 8th grade will be counted toward the Cheboygan Area Schools graduation requirement credits; the grade earned is included in the high school GPA calculation on the student's transcript. Students and parents should meet with a school counselor to discuss advanced course pathways.

ACADEMIC PROGRESS REPORTS & REPORT CARDS

Progress reports are mailed to the student's home at the approximate halfway point of each of the four marking periods. Report cards are mailed to the student's home after each marking period, with grade point averages calculated on each semester's final grades only.

CREDIT / NO CREDIT

On rare occasions, students may receive credit (CR) or no credit (NC) in place of a grade. This option would be considered if directed by an IEP, 504 Plan, or Academic Plan. Other possibilities 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, it has no effect on GPA.

INCOMPLETE GRADES

If a student is unable to complete the coursework or exam for a semester, they may be given an INCOMPLETE. Incomplete grades must be approved by the teacher for each course. When report cards are printed, an incomplete grade does not factor into the grade point average or credits earned. After two weeks, an incomplete grade automatically becomes an "E" unless the teacher submits a grade change form to the guidance office.

HONOR ROLL

Honor roll will be calculated at the end of each semester and is based on final grades for the 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."

GRADE LEVEL ASSIGNMENTS

Grade levels will be determined at the beginning of each school year, based on the number of credits a student has earned. (Sophomores: 5.5 credits; juniors 11 credits; seniors 16 credits). Those who do not have the minimum number of credits required at the start of the school year will not be moved to the next grade level. Grade level changes will not be made at the semester *unless* it is determined that the student can earn enough credits in order to graduate on track with the next grade level.

CLASS RANK

To determine class rank, student GPAs are ranked from highest to lowest. If two or more students have identical averages, they are ranked the same. GPAs are carried out to the third decimal place. Grade point average and class rank are only calculated at the end of each semester.

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 the end of a marking period with permission of the teachers, parent, student, and high school principal. If an interdepartmental switch must occur at some other point in the school year, it must be approved by the principal.

SCHEDULE ADJUSTMENTS

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.

COURSE REPETITION

A student may earn credit in a class only once with the exceptions of Band, Jazz Band, Physical Education, Lifetime Sports, Fitness & Athletic Performance, Choir, and 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 improve specific skills in a given area or improve the original grade earned. The second grade will be included in the students' grade point average calculation, but it will not count as an additional credit toward graduation, unless a failing grade is improved. The original passing grade will also be left on the transcript.

COURSE TEST OUT PROCEDURES

A student may attempt to test out of up to two courses during the June and January time periods by filling out a request form for testing out. For June testing, the form must be submitted by **May 31st**; for January testing, the form must be submitted by **January 10th**. The request form is located in the Guidance Office. A student must complete and submit the request form on time for each testing time period. No exceptions will be allowed. A copy of the student's EDP must be attached indicating the student's four-year course schedule and career goal. The intent of testing out is to provide students more advanced course opportunities by demonstrating mastery in the given course. A student may not take a test for a class they have already taken and failed. A student who passes an assessment will receive a credit on their transcript, but the credit will NOT be calculated in the student's overall GPA. The NCAA does NOT accept test out credit as credit for future college-bound athletes.

SENIOR EXAM EXEMPTION

Seniors may have the opportunity to be exempt from final exams. In order to be eligible, a student's SEMESTER grade must be a "B" or higher; the student must have three absences (or fewer) for the fourth marking period; and the teacher must agree to the exam exemption. The grades and absences will be tallied for each INDIVIDUAL hour of the day. Some classes may require that all students take the semester exam or complete a project that is counted as the exam. If this is the case, teachers will notify the students of this policy.

GRADUATION

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 number of credits (22) for graduation. In addition, seniors may be prohibited from the graduation ceremony due to school behavior, discipline, or illegal behavior in or 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 high school semesters. Honor students will wear gold cords during the graduation ceremony. These honor cords are ordered by the office, but paid for by the student.

SENIORS WHO ARE SHORT ON CREDITS

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 virtual courses, with permission of high school principal.
- Enroll in Inverness Academy for credit recovery.

CLASS RANKING & TOP TEN SCHOLARS

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 two 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.

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.

EARLY GRADUATION

Students who wish to graduate after successfully completing 6 semesters and meeting all graduation requirements may apply for early graduation. Parents/students must submit this request in writing to the building principal by **June 1st** of their sophomore year.

Students who wish to graduate after successfully completing 7 semesters and meeting all graduation requirements may apply for early graduation. Parents/students must submit this request in writing to the building principal by **November 1st** of their senior year.

All requests must include the student’s reason for requesting early graduation. After a meeting with the student, parent, and high school principal, the requests are submitted to the Board of Education for approval. Students who graduate early are no longer eligible for extracurricular activities and cannot attend school events such as dances and prom (unless as an approved guest of a CAHS student). Students graduating at the end of the first semester of their senior year will be permitted to participate in the spring commencement ceremony.

EDUCATIONAL OPPORTUNITIES

ARTICULATION

Articulated credit is gained by enrolling in Career and Technical Education classes that are partnered with colleges and universities throughout the state. By successfully completing a Career & Technology Education course in high school, students have the opportunity to obtain college credit. A student wishing to use articulated credit should contact his or her high school counselor for more information.

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. Tuition and other fees are covered by the local school district. 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. For more information, please contact your high school counselor.

DUAL ENROLLMENT

Students 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 school counselor to obtain the necessary information. Dual enrollment courses are typically offered in an online format, which may be synchronous or asynchronous in nature. Dual enrollment courses may also be offered in the evening and/or may be held off campus, in which case students would be responsible for their own transportation.

ONLINE INSTRUCTION

Students (with the consent of parent or legal guardian) may enroll in up to two online courses that pertain to the student's career pathway during each semester. Course offerings can be accessed through the guidance office and are subject to approval from the principal. If a student is denied enrollment, a written appeal may be sent to the 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.

GUIDANCE & COUNSELING SERVICES

The guidance office staff is available to support students in their academic, personal, college, and career choices. The school counseling program utilizes the American School Counselor Association (ASCA) National Model. This model guides school counselors in the development of school counseling programs that: are based on data-informed decision making; are delivered to all students systematically; include developmentally appropriate curriculum focused on the mindsets and behaviors all students need for postsecondary readiness and success; close achievement and opportunity gaps; and result in improved student achievement, attendance, and discipline.

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. Please see your school counselor to get more information.

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.

STUDY ABROAD

CAHS students who are interested in participating in foreign exchange programs should consult their school 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 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 the 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.

EDUCATIONAL DEVELOPMENT PLANS

Educational Development Plans are a coherent sequence of courses or field of study that prepares a student to enter the workforce or further his/her education. 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; or 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 assist students in selecting a career pathway, counselors and teachers provide additional career development activities throughout the academic year.

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 Personal Curriculum is requested on an individual basis and must meet certain conditions to be approved. For more information see a school counselor in the guidance office.

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.

GRADUATION REQUIREMENTS

MEETING THE MICHIGAN MERIT CURRICULUM REQUIREMENTS

minimum standards required for graduation

SUBJECT	CREDITS	COURSES
● English	4	English 9, 10, 11, English 12 Credit
● Social Studies	3	U.S. History, Government & Economics, World History
● Science	3	Physical Science, Biology, and one science elective
● Mathematics	4	Algebra I, Geometry, Algebra II, & one math elective during senior year
● Physical Education	.5	Physical Education
● Health	.5	Health
● Computer Education	1	Business Applications Technology
● World Languages	0-2	MS World Language (8th grade Spanish or Spanish I in 8th grade) OR 2 years of Spanish in grades 9-12
● Visual, Performing & Applied Arts	1	Electives from Approved List
● Online Learning Experience	0	Embedded in Business Applications Technology

NUMBER OF CREDITS NEEDED

SOPHOMORE STATUS: 5.5

JUNIOR STATUS: 11

SENIOR STATUS: 16

GRADUATE: 22

Grade levels will be determined at the beginning of each school year, based on the number of credits a student has earned. In order to earn sophomore status, a student must have 5.5 credits; junior status requires 11 credits; senior status requires 16 credits. In order to graduate from Cheboygan Area High School, a student must have 22 credits. Those who do not have the minimum number of credits required at the start of the school year will not be moved to the next grade level. Grade level changes will not be made at the semester *unless* it is determined that the student can potentially earn enough credits in order to graduate on track with the next grade level.

ENGLISH / LANGUAGE ARTS

*REQUIRED CREDITS FOR GRADUATION

- > *English 9 or English 9+ _____ **9**
- > *English 10 or English 10+ _____ **10**
- > *English 11 or English 11+ _____ **11**
- > *English 12 _____ **12**
- > AP Literature _____ **11-12**
- > Adventures in Reading _____ **10-12**
- > Creative Writing _____ **10-12**
- > Drama _____ **10-12**
- > ENG 111/ENG 112 _____ **12**
- > Speech _____ **10-12**
- > Yearbook _____ **10-12**



ENGLISH 12 CREDIT CAN BE EARNED THROUGH ENGLISH ELECTIVES OR THE ENGLISH 12 REQUIREMENT CAN BE FULFILLED IN THESE CTE CLASSES (TAKEN ANY YEAR OF HIGH SCHOOL):

Multimedia Production & Technology

Introduction To Business

Introduction to Teaching I & II

Marketing Management (DECA member)

WHEN MEETING THE GRADUATION REQUIREMENT IN THIS MANNER, THE STUDENT DOES NOT EARN AN ADDITIONAL CREDIT FOR THE COURSE. SEE YOUR SCHOOL COUNSELOR TO COMPLETE **REQUIRED** PAPERWORK WITHIN THE FIRST TWO WEEKS OF THE SEMESTER.

Traditional Course Sequence

English 9

English 10

English 11

English 12 or CTE English or English elective

Advanced Course Sequence

English 9+

English 10+

English 11+ or AP Literature

AP Literature or ENG 111/112

***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. Strategies and skills for taking the PSAT 9 test are embedded in all units of instruction. An English 9 credit is required for graduation.

ENGLISH 9+ 1 Credit Grade Level 9

English 9+ is designed for students who plan to take the advanced course sequence for Language Arts. This course incorporates the English 9 standards and content, with extension activities included. Strategies and skills for taking the PSAT 9 test are embedded in all units of instruction. Students are expected to read independently, write analytically, and speak professionally in front of their peers. An English 9 credit is required for graduation.

***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. Emphasis on PSAT success is embedded in all units of instruction. An English 10 credit is required for graduation.

ENGLISH 10+ 1 Credit Grade Level 10

English 10+ is designed for students who plan to take the advanced course sequence for Language Arts. This course incorporates the English 10 standards and content, with extension activities included. Strategies and skills for taking the PSAT 10 and NMSQT tests are embedded in all units of instruction. Students are expected to read independently, write analytically, and speak professionally in front of their peers. An English 10 credit is required for graduation.

***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 SAT and Michigan Merit Exam success is embedded in each unit of instruction. An English 11 credit is required for graduation.

ENGLISH 11+ 1 Credit Grade Level 11

English 11+ is designed for students who plan to take the advanced course sequence for Language Arts. This course incorporates the English 11 standards and content, with extension activities included. Strategies and skills for taking the SAT 10 test and the Michigan Merit Exam are embedded in all units of instruction. Students are expected to read independently, write analytically, and speak professionally in front of their peers. An English 11 credit is required for graduation.

***ENGLISH 12 1 Credit Grade Level 12**

English 12 students will hone their reading skills through independent reading, class study of world literature (both classic and contemporary), a focus on current nonfiction pieces, short stories, and other text sets. These works will increase students' awareness of the timeless issues of the world and expose students to multiple perspectives and genres to help them understand the commonality of the human experience. Expository writing skills will be bolstered by frequent interaction with mentor texts, a study of author's craft, rhetorical features, language and syntax, and academic vocabulary. Types of writing include synthesis, research with an annotated bibliography, and persuasive exposition. An English 12 credit is required for graduation. [When meeting the English 12 graduation requirement through a CTE course, the student does not earn an additional credit. See your school counselor to complete **required** paperwork within the first two weeks of the semester.](#)

AP LITERATURE 1 Credit Grade Level 11-12 • ENGLISH 12 CREDIT •

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, Shakespeare, Fitzgerald, Steinbeck and 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. Students will have the opportunity to take the College Board AP Literature examination. Predetermined scores on the examination may result in English credits being granted at colleges and universities.

ADVENTURES IN READING 0.5 credit Grade Level 10-12 • ENGLISH 12 CREDIT •

This is a class designed to appeal to all readers. Students will investigate new young adult titles, illustrated 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.

CREATIVE WRITING **0.5 Credit** **Grade Level 10-12** • **VPAA CREDIT** • • **ENGLISH 12 CREDIT** •

This course is intended for students 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. Students will apply 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.

DRAMA **0.5 credit** **Grade Level 10-12** • **VPAA CREDIT** • • **ENGLISH 12 CREDIT** •

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

ENG 111/ENG 112 **1 credit** **Grade Level 12** • **ENGLISH 12 CREDIT** •

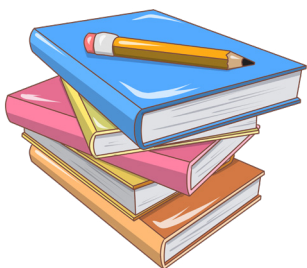
These classes are offered as concurrent credit through North Central Michigan College. ENG 111 is a fall semester course and ENG 112 is a spring semester course. Each class is writing intensive, built around three components: 1) models of good writing, 2) targeted, individualized response to your own writing, and 3) emphasis on developing a solid writing process. The goal of these courses is to help strengthen critical writing and reading skills to support written communication in academic and professional environments. Emphasis is placed on critical thinking, problem analysis, research, logical support, and structure. The class is a workshop where you can think, discuss, write and revise, with a focus on genres of writing and revision. This class has HIGH CHALLENGE – with HIGH SUPPORT! In order to receive college credit, you must pass the course with a 74% or higher.

SPEECH **0.5 Credit** **Grade Level 10-12** • **VPAA CREDIT** • • **ENGLISH 12 CREDIT** •

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.

YEARBOOK **1 Credit** **Grade Level 10-12** • **VPAA CREDIT** • • **ENGLISH 12 CREDIT** •

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 serves as a historical representation and public relations tool for CAHS.



LIFE MANAGEMENT

*REQUIRED CREDIT FOR GRADUATION



> *Health	_____	9
> Life Management	_____	9-12
> Nutrition	_____	9-12

***HEALTH 0.5 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 0.5 Credit Grade Level 9-12

This course is designed to prepare students for adult and independent living. Skills are developed to help students manage relationships, finances, nutrition, and decision making. This class is designed to develop skills in order to live on one's own, such as heading to college or moving out on their own.

NUTRITIONAL STUDIES 0.5 Credit Grade Level 9-12

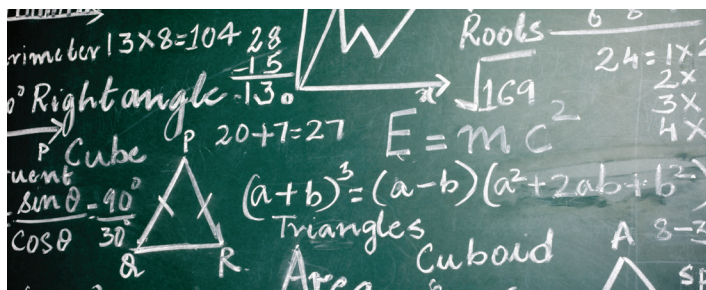
In this course students will study nutritional needs, weight management, proper sanitation and food safety, basic cooking methods, meal planning and preparation, food and culture, budgeting and grocery shopping skills. Laboratory lessons will include food preparation techniques to encourage nutrition, economy, sanitation and aesthetics.



MATHEMATICS

*REQUIRED CREDITS FOR GRADUATION

- > *Algebra I or Advanced Algebra I _____ **8-9**
- > *Geometry or Advanced Geometry _____ **9-10**
- > *Algebra II or Advanced Algebra II _____ **10-11**
- > *Senior Math Credit _____ **12**
- > AP Calculus _____ **12**
- > AP Computer Science Principles _____ **10-12**
- > AP Computer Science A _____ **11-12**
- > AP Statistics _____ **12**
- > Business Math & Personal Finance _____ **11-12**
- > Probability, Data and Statistics _____ **11-12**
- > Technical Math _____ **11-12**
- > Trigonometry/Pre-Calculus _____ **11-12**



MATH 12 CREDIT CAN BE EARNED THROUGH MATH ELECTIVES OR THE SENIOR MATH REQUIREMENT CAN BE FULFILLED IN THESE CTE CLASSES (TAKEN DURING SENIOR YEAR):

- Architectural Design**
- Automotive Technology I, II, & Capstone**
- Computer Aided Design & Capstone**
- Computerized Accounting I & II**
- Cooking & Culinary Arts I, II & III**
- Engineering & Industrial Design**
- Furniture Making I & II**
- Retail Marketing**
- Welding I & II**

WHEN MEETING THE GRADUATION REQUIREMENT IN THIS MANNER, THE STUDENT DOES NOT EARN AN ADDITIONAL CREDIT FOR THE COURSE. SEE YOUR SCHOOL COUNSELOR TO COMPLETE **REQUIRED** PAPERWORK WITHIN THE FIRST TWO WEEKS OF THE SEMESTER.

Traditional Course Sequence

Math 8
Algebra I
Geometry
Algebra II
Prob & Stats/Bus. Math or CTE Math

Advanced Course Sequence

Advanced Algebra I
Advanced Geometry
Advanced Algebra II
Trigonometry/Pre-Calculus
AP Calc and/or AP Stats

***ALGEBRA I 1 Credit Grade Level 8-9**

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. An Algebra I credit is required for graduation.

ADVANCED ALGEBRA I 1 Credit Grade Level 8-9

This course is designed for students who plan to take the advanced course sequence for mathematics and provides a comprehensive knowledge of Algebra I. Topics include understanding the number system, variables, equation solving, graphing, polynomials, and quadratics.

***GEOMETRY 1 Credit Grade Level 9-10**

This is a course designed for students who have successfully completed Algebra I. 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. A Geometry credit is required for graduation.

ADVANCED GEOMETRY 1 Credit Grade Level 9-10

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

***ALGEBRA II 1 Credit Grade Level 10-11**

This is a course designed for students who have successfully completed Algebra I and Geometry. 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. An Algebra II credit is required for graduation.

ADVANCED ALGEBRA II 1 Credit Grade Level 10-11

This course is designed for students who have successfully completed Geometry or Advanced Geometry with a grade of "C" or higher. With an emphasis on reading for information, advanced Algebra 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.

AP STATISTICS 1 Credit Grade Level 11-12 • SENIOR MATH CREDIT IN 12TH GRADE •

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. It is suggested that students have completed advanced Algebra II with a grade of "C" or higher. 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. Predetermined scores on the examination may result in math credits being granted at colleges or universities.

AP CALCULUS 1 Credit Grade Level 12 • SENIOR MATH CREDIT IN 12TH GRADE •

This course is primarily concerned with developing students' understanding of the concepts of calculus and providing experience with its methods and applications. It is suggested that students have completed Trigonometry/Pre-Calculus with a grade of "C" or higher. 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 may result in math credits being granted at colleges or universities.

AP COMPUTER SCIENCE PRINCIPLES 1 credit Grade Level 10-12

• SENIOR MATH CREDIT IN 12TH GRADE •

This course is a full year, rigorous, entry level course that introduces high school students to the foundations of modern computing. The course covers a broad range of foundational topics such as programming, algorithms, the internet, big data, digital privacy and security, and the societal impacts of computing. Students will have the opportunity to take the College Board AP Computer Science Principles (CSP) examination. Predetermined scores on the examination may result in credits being granted at colleges or universities.

AP COMPUTER SCIENCE A 1 credit Grade Level 11-12 • SENIOR MATH CR IN 12TH GRADE •

This curriculum is a full-year, rigorous curriculum that introduces students to software engineering and object-oriented programming and design using the Java programming language. This curriculum covers a broad range of topics, including the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. It is strongly suggested that students successfully complete AP Computer Science Principles prior to taking this course. Students will have the opportunity to take the College Board AP Computer Science A (CSA) examination. Predetermined scores on the examination may result in credits being granted at colleges or universities.

BUSINESS MATH & PERSONAL FINANCE 0.5 Credit Grade Level 11-12

• SENIOR MATH CREDIT IN 12TH GRADE •

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. This course is recommended as a senior math elective.

PROBABILITY AND STATISTICS 0.5 Credit Grade Level 11-12 • SENIOR MATH CR. IN 12TH GRADE •

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. This course is recommended as a senior math elective.

TECHNICAL MATHEMATICS 1 Credit Grade Level 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. A teacher recommendation and personal curriculum are required for this course.



TRIGONOMETRY / PRE-CALCULUS 1 Credit Grade Level 11-12

• SENIOR MATH CREDIT IN 12TH GRADE •

This course is designed for students who have successfully completed Advanced Algebra II with a grade of "C" or higher. It is an advanced, college preparatory course that studies various functions (power, exponential, logarithmic, polynomial, and trigonometric) and their properties. Students will also study basic combinatorics, sequences and series, and statistics. The use of graphing calculator (TI-84) is essential for this course.

PHYSICAL EDUCATION

*REQUIRED CREDIT FOR GRADUATION



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

THE PHYSICAL EDUCATION REQUIREMENT CAN BE FULFILLED THROUGH SUCCESSFUL COMPLETION OF A SEMESTER OF MARCHING BAND OR A FULL SEASON OF AN APPROVED MHSAA SPORT AT CHEBOYGAN AREA HIGH SCHOOL.

WHEN MEETING THE GRADUATION REQUIREMENT IN THIS MANNER, THE STUDENT DOES NOT EARN AN ADDITIONAL HALF CREDIT FOR THE COURSE. PLEASE SEE YOUR SCHOOL COUNSELOR TO COMPLETE **REQUIRED** PAPERWORK WITHIN TWO WEEKS OF THE SEASON ENDING.

***HIGH SCHOOL PHYSICAL EDUCATION 0.5 Credit Grade Level 9**

This is a general co-ed physical education class for ninth graders. 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. The physical education requirement can be fulfilled through successful completion of a semester of marching band **OR** a full season of an approved MHSAA sport at Cheboygan Area High School. When meeting the graduation requirement in this manner, the student does not earn an additional half credit for the course. Please see your school counselor to complete **required** paperwork within two weeks of the season ending.

FITNESS & ATHLETIC PERFORMANCE 0.5-1 Credit Grade Level 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. The class meets "0" hour, and students are responsible for providing their own transportation.

LIFETIME SPORTS 0.5-1 Credit Grade Level 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. Students enrolling in this course should have an interest in all sports and a willingness to stay fit. Effort and improvement are both criteria for a grade, not just participation. Daily flexibility, cardiovascular, muscle endurance, and muscle strength will be included. Weightlifting exercises will also be utilized as part of a daily fitness routine.



SCIENCE

*REQUIRED CREDITS FOR GRADUATION

- > *Physical Science _____ **9**
- > *Biology _____ **10**
- > Advanced Biology _____ **11-12**
- > Anatomy and Physiology _____ **11-12**
- > Chemistry _____ **11-12**
- > Forensic Science _____ **11-12**
- > Physics _____ **11-12**



THE THIRD SCIENCE CREDIT NEEDED FOR GRADUATION CAN BE EARNED THROUGH ANY OF THE SCIENCE ELECTIVES OR THROUGH A CTE CLASS THAT IS NOT ALREADY BEING COUNTED TOWARDS AN ENGLISH, MATH, FOREIGN LANGUAGE, OR VPAA CREDIT NEEDED FOR GRADUATION.

WHEN MEETING THE GRADUATION REQUIREMENT USING A CTE COURSE, THE STUDENT DOES NOT EARN AN ADDITIONAL CREDIT FOR THE COURSE. SEE YOUR SCHOOL COUNSELOR TO COMPLETE **REQUIRED** PAPERWORK WITHIN THE FIRST TWO WEEKS OF THE SEMESTER.

Traditional Course Sequence

Physical Science
Biology
Science Elective

Advanced Course Sequence

Biology
Chemistry *and/or* Physics
Science Elective

***PHYSICAL SCIENCE 1 Credit Grade Level 9**

Physical Science is an entry level course that studies the changes of and properties of matter, chemical reactions, forces, energy, and waves. Students will develop laboratory techniques through participation in investigations and activities. Physical Science, Chemistry, or Physics is required for graduation.

***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.

ADVANCED BIOLOGY • SCIENCE ELECTIVE CREDIT • 1 Credit Grade Level 11-12

This course covers the characteristics of life, DNA, microorganisms, invertebrates, and simple vertebrates. After delving into how living things survive and reproduce, a sequential look at living things, starting with simple life such as bacteria and Protista leads into more complicated groups such as echinoderms and arthropods. During second semester, several species will be dissected and examined. Lecture, discussion, labs, activities, and dissections allow students to acquire knowledge in both traditional and more active ways.

ANATOMY AND PHYSIOLOGY • SCIENCE ELECTIVE CREDIT • 1 Credit Grade Level 11-12

In this course, students will explore the structure, function, and diseases of the body. All body systems are covered, from the integumentary systems to the reproductive system. This is a perfect course for students interested in the medical professions, and a must for future nurses and doctors. Lecture, labs, dissections, and discussions are utilized to help students explore how the body works and acquire the necessary knowledge to be successful in the class.

CHEMISTRY • SCIENCE ELECTIVE CREDIT • 1 Credit Grade Level 10-12

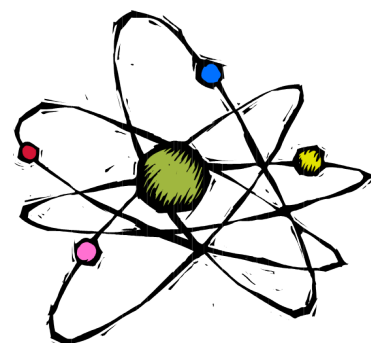
This is an elective course designed for students to explore the basic science behind chemical reactions. As a part of this course, students will learn to write formulas for chemical compounds, predict how substances will react when mixed, and perform basic chemical analyses of substances. This class will also explore the basics of solution chemistry, including various properties of solutions, 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 in the medical field or involving science.

FORENSIC SCIENCE • SCIENCE ELECTIVE CREDIT • 1 Credit Grade Level 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.

PHYSICS • SCIENCE ELECTIVE CREDIT • 1 Credit Grade Level 10-12

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.



SOCIAL STUDIES

*REQUIRED CREDITS FOR GRADUATION

- > *U.S. History & Geography _____ **9**
- > *Government _____ **10-12**
- > *Economics _____ **10-12**
- > *World History & Geography _____ **11-12**
- > AP Government A/B _____ **10-12**
- > Psychology _____ **11-12**



THE ECONOMICS REQUIREMENT CAN BE FULFILLED BY TAKING INTRODUCTION TO BUSINESS (A FULL-YEAR COURSE).

WHEN MEETING THE GRADUATION REQUIREMENT IN THIS MANNER, THE STUDENT DOES NOT EARN AN ADDITIONAL HALF CREDIT FOR THE COURSE. PLEASE SEE YOUR SCHOOL COUNSELOR TO COMPLETE **REQUIRED** PAPERWORK WITHIN THE FIRST TWO WEEKS OF THE SEMESTER.

Traditional Course Sequence

U.S. History
Government & Economics
World History

Advanced Course Sequence

U.S. History
AP Government
World History
Economics (any grade level)

***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.

***GOVERNMENT/CIVICS 0.5 Credit Grade Level 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 government. Topics covered in this class include the Constitution, origin of government, legislative branch, executive branch, judicial branch, and United States foreign policy. This course is designed to be taken concurrently with Economics.

***ECONOMICS 0.5 Credit Grade Level 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. This course

is designed to be taken concurrently with Government. This requirement can be met by taking a full-year of Introduction to Business. When meeting the graduation requirement in this manner, the student does not earn an additional half credit for the course. Please see your school counselor to complete required paperwork within the first two weeks of the semester.

***WORLD HISTORY & GEOGRAPHY 1 Credit Grade Level 11-12**

Students will explore and analyze the world and its past to develop greater understanding of the development of worldwide events, processes, and interactions among the world's people, cultures, societies, and environment. The study of geography will enhance the student's spatial perspective and ability to view the patterns and dynamic processes on Earth. 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.

AP GOVERNMENT A/B 1 Credit Grade Level 10-12

This two-semester course analyzes the structure and foundation of the national, state, and local governments of the United States. Through analysis of different ideas, beliefs, groups, and institutions, students will become more familiar with the structure and function of the country's government. By examining different theoretical approaches and examples of prior political procedures, students will gain a better understanding of the methods and reasoning for the operation of the United States government. The following units will be explored: Constitutional underpinnings of United States government; political beliefs and behaviors; political parties, interest groups, and mass media; institutions of national government; public policy; and civil rights and civil liberties. The ultimate goal of this course is to help students develop skills that will enable them to be productive citizens of the United States, as well as to succeed on the AP exam. Students will have the opportunity to take the College Board AP U.S. Government A/B examination. Predetermined scores on the examination may result in credits being granted at colleges or universities. See your school counselor for more information.

PSYCHOLOGY 1 Credit Grade Level 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.



WORLD LANGUAGES

- > Spanish I _____ 8-12
- > Spanish II _____ 9-12
- > Spanish III _____ 10-12
- > Spanish IV _____ 11-12



A STUDENT MUST MEET THE MICHIGAN MERIT CURRICULUM WORLD LANGUAGE REQUIREMENT BY SUCCESSFULLY EARNING CREDIT FOR ONE OF THE FOLLOWING WHILE IN 8TH GRADE: SPANISH 8 OR SPANISH I (MIDDLE SCHOOL PROFICIENCY).

STUDENTS WHO DO NOT EARN CREDIT FOR SPANISH 8 OR SPANISH I WHILE IN 8TH GRADE WILL BE REQUIRED TO TAKE **EITHER** TWO YEARS OF A WORLD LANGUAGE WHILE IN GRADES 9-12 **OR** ONE YEAR OF A WORLD LANGUAGE AND AN ADDITIONAL CTE OR VPAA CREDIT WHILE IN GRADES 9-12.

TWO YEARS OF A WORLD LANGUAGE ARE APPROPRIATE, AND RECOMMENDED, FOR STUDENTS WHO PLAN TO TAKE ADVANCED COURSE SEQUENCING THROUGHOUT HIGH SCHOOL.

SPANISH I(8) **1 Credit** **Grade Level 8**

This is an introductory Spanish course for eighth grade students, with an emphasis on speaking and listening skills as well as reading and writing skills. This course includes units on culture in Spanish-speaking countries. Students who successfully complete this course in 8th grade will earn a Spanish I credit on their high school transcript.

SPANISH I **1 Credit** **Grade Level 9-12**

This is an introductory Spanish course for 9th-12th grade students, with an emphasis on speaking and listening skills as well as reading and writing skills. This course includes units on culture in Spanish-speaking countries.

SPANISH II **1 Credit** **Grade Level 9-12**

This course is a continuation of Spanish I. Expansion of writing skills, simplified Spanish literature, Spanish language movies, and cultural studies are part of this course.

SPANISH III **1 Credit** **Grade Level 10-12**

A chance to put your Spanish into practice! More advanced grammatical concepts are introduced. Students expand their reading skills by analyzing Spanish legends, short stories, and/or novels. Conversational skills are emphasized. Students will enhance their writing skills by writing regularly on a variety of topics. Themes are expanded from Spanish I & II by diving deeper into the culture of Spanish-speaking countries.

SPANISH IV **1 Credit** **Grade Level 11-12**

This course extends the concepts introduced in Spanish III. Students will participate in regular reading, writing, and speaking of the Spanish language.

VISUAL, PERFORMING, & APPLIED ARTS

LIST OF APPROVED COURSES FOR GRADUATION REQUIREMENTS

VISUAL ARTS

Introduction to 2D Art

Introduction to 3D Art

*Ceramics

*Drawing

*Painting

*Studio Art

PERFORMING ARTS

Band

Choir

Creative Writing

Drama

*Jazz Lab

Speech

APPLIED ARTS

Architectural Design

Automotive Essentials

Automotive Technology I

*Business Applications and Technology II

Cooking and Culinary Arts I

Engineering and Industrial Design

Introduction to Business

Introduction to Teaching I

Marketing Management

Multimedia Production and Technology

Metal Fabrication I

*Metal Fabrication II

Retail Marketing

Welding Technology I

*Woodworking II

Yearbook

****Indicates Courses with Prerequisite Requirements***

VISUAL, PERFORMING, & APPLIED ARTS (VPAA)

- > Introduction to 2D Art _____ **9-12**
- > Introduction to 3D Art _____ **9-12**
- > Drawing (I, II, III, IV) _____ **9-12**
- > Painting (I, II, III, IV) _____ **9-12**
- > Ceramics (I, II, III, IV) _____ **9-12**
- > Studio Art _____ **11-12**
- > Choir _____ **9-12**
- > Band _____ **9-12**
- > Jazz Band _____ **9-12**
- > Yearbook _____ **10-12**



STUDENTS MUST EARN AT LEAST ONE FULL CREDIT IN THE AREA OF VISUAL, PERFORMING & APPLIED ARTS.

INTRODUCTION TO 2D ART **0.5 Credit** **Grade Level 9-12 • VPAA CREDIT •**

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 **0.5 Credit** **Grade Level 9-12 • VPAA CREDIT •**

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 (I, II, III, IV) **0.5-1 Credit** **Grade Level 10-12** **• VPAA CREDIT •**

Students must have successfully completed Introduction to 2D art prior to taking this class. 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 (I, II, III, IV) **.5-1 Credit** **Grade Level 10-12** **• VPAA CREDIT •**

Students must have successfully completed Introduction to 2D art prior to taking this class. 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 lifes, landscapes, portraits, as well as conceptual and abstract work. Sketchbooks will be required.

CERAMICS (I, II, III, IV) 0.5-1 Credit Grade Level 10-12 • VPAA CREDIT •

Students must have successfully completed Introduction to 3D art prior to taking this class. 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 0.5-1 Credit Grade Level 11-12 • VPAA CREDIT •

Students must have successfully completed Introduction to 2D or Introduction to 3D AND another level of art in order to be eligible for studio art. 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. If no class is offered and student wants to do as an independent study, student must have permission of instructor.

CHOIR 1 Credit Grade Level 9-12 • VPAA CREDIT •

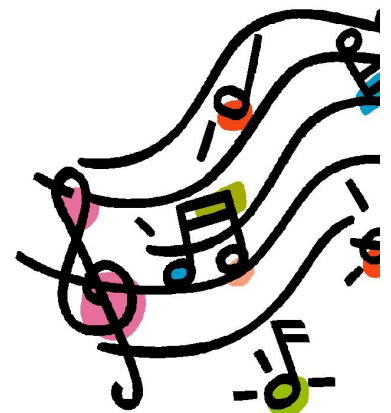
This class is designed to help students improve voice quality and the individual ability to sing in harmony in a large group setting. This class provides opportunities to perform in several concerts and district festival each year. Extra-curricular rehearsals and performances are expected of all enrolled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

BAND 1 Credit Grade Level 9-12 • VPAA CREDIT •

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 Level 9-12 • VPAA CREDIT •

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.



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.



Human Services

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

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.



Health Sciences

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.

CAREER & TECHNICAL EDUCATION COURSES

COURSE NAME	CREDITS	GRADES AVAILABLE		
ARTS & COMMUNICATION				
Multimedia Production & Technology	1 Credit		11	12
BUSINESS, MANAGEMENT, MARKETING & TECHNOLOGY				
Business Applications & Technology I	1 Credit	10	11	12
*Business Applications & Technology II	1 Credit		11	12
Introduction to Business	1 Credit	10	11	12
Marketing Management	1 Credit		11	12
Retail Marketing	1 Credit		11	12
*Work Experience	1 Credit			12
Computerized Accounting I	1 Credit	10	11	12
*Computerized Accounting II	1 Credit		11	12
Cooking & Culinary Arts I	1 Credit	10	11	12
*Cooking & Culinary Arts II	1 Credit		11	12
*Cooking & Culinary Arts III	1 Credit			12
*Culinary Capstone	1 Credit			12
			Teacher Permission	
ENGINEERING/MANUFACTURING & INDUSTRIAL TECHNOLOGY				
Automotive Essentials	1/2 Credit	9	10	11
Automotive Technology I	2 Credits			11
*Automotive Technology II	2 Credits			12
*Automotive Capstone	1 Credit		Teacher Permission	
Introduction to Drafting/Architecture	1 Credit	9	10	11
Architectural Design	1 Credit		10	11
Engineering & Industrial Design	1 Credit		10	11
*Computer Aided Design	1 Credit			11
*Computer Aided Design Capstone	1 Credit			12
Metal Fabrication I	1/2 Credit	9	10	11
*Metal Fabrication II	1 Credit		10	11
Welding Technology I	2 Credits			11
*Welding Technology II	2 Credits			12
Woodworking I	1 Credit	9	10	11
*Woodworking II	1 Credit		10	11
*Furniture Making I	1 Credit			11
*Furniture Making II	1 Credit			12
*Cabinet Making	1 Credit			11
*Woodworking Capstone	1 Credit			12
			Teacher Permission	
HUMAN SERVICES				
Introduction to Teaching I	1 Credit		11	12
*Introduction to Teaching II	1 Credit			12

*Indicates Courses with Prerequisite Requirements

MULTIMEDIA PRODUCTION & TECHNOLOGY 1 Credit Grade Levels 11-12

- **VPAA CREDIT** •
- **FULFILLS ENGLISH 12 REQUIREMENT** •

This course introduces students to the exciting area of digital audio/video recording, editing, production & presentation. Students will be introduced to industry related technology and equipment. Throughout the course, students will produce broadcast projects for multiple media platforms. Enrolled students have full access to all Adobe Creative Cloud industry software including Premiere, After Effects, Photoshop, & more. Related occupations will also be explored, including: broadcast technician, online live-streaming & webcasting, scriptwriting, video editing, camera operation, newscasting, and announcing. As this is an industry related course, students are required to meet strict deadlines, demonstrate creativity, and work effectively independently and with other students. [When meeting the English 12 graduation requirement through this CTE course, the student does not earn an additional credit. See your school counselor to complete **required** paperwork within the first two weeks of the semester.](#)

INTRODUCTION TO EDUCATION I 1 Credit Grade Levels 11-12

- **VPAA CREDIT** •
- **FULFILLS ENGLISH 12 REQUIREMENT** •

This course is designed for students who are interested in working in preschool, elementary and secondary 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 multiple classroom settings. This course is for students who want to learn from a master teacher as a student assistant doing work experience. [When meeting the English 12 graduation requirement through this CTE course, the student does not earn an additional credit. See your school counselor to complete **required** paperwork within the first two weeks of the semester.](#)

INTRODUCTION TO EDUCATION II 1 Credit Grade Level 12

- **FULFILLS ENGLISH 12 REQUIREMENT** •

Prerequisite: successful completion of Introduction to Teaching I. 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 work in classroom placements throughout the district. Lesson plans are stressed and projects are created and presented in each student's portfolio as he or she completes their second year. [When meeting the English 12 graduation requirement through this CTE course, the student does not earn an additional credit. See your school counselor to complete **required** paperwork within the first two weeks of the semester.](#)

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. Using the G-metrix training software, students prepare to take the Microsoft office specialist exam and earn industry recognized certifications.

BUSINESS APPLICATIONS & TECHNOLOGY II 1 Credit Grade Levels 11-12

- **VPAA CREDIT** •

Prerequisite: successful completion of BAT I. 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.

COMPUTERIZED ACCOUNTING I 1 Credit Grade Levels 10-12

• **FULFILLS SENIOR MATH REQUIREMENT IN 12TH GRADE** •

Through the use of a computerized accounting program and spreadsheet software, students establish 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. *When meeting the Senior Math graduation requirement through this CTE course, the student does not earn an additional credit. See your school counselor to complete **required** paperwork within the first two weeks of the semester.*

COMPUTERIZED ACCOUNTING II 1 Credit Grade Levels 11-12

• **FULFILLS SENIOR MATH REQUIREMENT IN 12TH GRADE** •

Prerequisite: Successful completion of Computerized Accounting I. 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 to gain real world accounting knowledge and practice. *When meeting the Senior Math graduation requirement through this CTE course, the student does not earn an additional credit. See your school counselor to complete **required** paperwork within the first two weeks of the semester.*

INTRODUCTION TO BUSINESS 1 Credit Grade Levels 10-12

• **VPAA CREDIT** • • **FULFILLS ENGLISH 12 REQUIREMENT** • • **FULFILLS ECONOMICS REQUIREMENT** •

This class allows students to explore a career in business and business operations. Topics include economics, business communications, banking, management, credit, international business, entrepreneurship, and personal finance. Students create an individualized business plan and develop necessary workplace skills, with the option to compete in DECA competitions. This course is not a pre-requisite for Marketing Management or Retail Marketing. *When meeting the English 12 graduation requirement through this CTE course, the student does not earn an additional credit. See your school counselor to complete **required** paperwork within the first two weeks of the semester. When meeting the Economics graduation requirement, a student must successfully complete BOTH semesters; the student does not earn an additional half-credit. See your school counselor to complete **required** paperwork within the first two weeks of the semester.*

MARKETING MANAGEMENT 1 Credit Grade Levels 10-12

• **VPAA CREDIT** • • **FULFILLS ENGLISH 12 REQUIREMENT** •

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, and completing current business simulations. Marketing Management is an excellent addition to enhance any career field such as medical, sports management, science, engineering or skilled trade technologies. Students also have the option to compete in DECA competitions. *When meeting the English 12 graduation requirement through this CTE course, the student does not earn an additional credit. See your school counselor to complete **required** paperwork within the first two weeks of the semester.*

RETAIL MANAGEMENT 1 Credit Grade Levels 10-12

• **VPAA CREDIT** • • **FULFILLS SENIOR MATH REQUIREMENT IN 12TH GRADE** •

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. *When meeting the Senior Math graduation requirement through this CTE course, the student does not earn an additional credit. See your school counselor to complete **required** paperwork within the first two weeks of the semester.*

WORK EXPERIENCE 1 Credit Grade Level 12

Required Corequisite: enrolled in a CAHS class related to their job placement (if available). Offered any hour of the school day, this off-campus program is designed to provide students the opportunity to gain skills in a career field of interest. Job placements can be paid or non-paid experiences; an average of 5 hours of work per week is required. Weekly time records and a satisfactory job evaluation are required for credit. Students apply at the end of their junior year. Safety training and a written training plan are required before enrollment. Students may enroll in this program for one or two semesters of their senior year.

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 while developing skills in mechanical and architectural drafting. Upon completion of this course, students will understand and be able to demonstrate the practical knowledge needed to create drawings in both mechanical and architectural design.

ARCHITECTURAL DESIGN 1 Credit Grade Levels 10-12

- **VPAA CREDIT** • • **FULFILLS SENIOR MATH REQUIREMENT IN 12TH GRADE** •

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 drawings using Autodesk Software. Students will become familiar with construction techniques and processes in architecture. Upon completion of this course students will have successfully developed a complete set of architectural working drawings, renderings, and models. *When meeting the Senior Math graduation requirement through this CTE course, the student does not earn an additional credit. See your school counselor to complete **required** paperwork within the first two weeks of the semester.*

ENGINEERING & INDUSTRIAL DESIGN 1 Credit Grade Levels 10-12

- **VPAA CREDIT** • • **FULFILLS SENIOR MATH REQUIREMENT IN 12TH GRADE** •

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 print 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 CAD software, 3d printing and other mechatronic equipment. *When meeting the Senior Math graduation requirement through this CTE course, the student does not earn an additional credit. See your school counselor to complete **required** paperwork within the first two weeks of the semester.*

COMPUTER AIDED DESIGN (CAD) 1 Credit Grade Levels 11-12

- **FULFILLS SENIOR MATH REQUIREMENT IN 12TH GRADE** •

Prerequisite: Successful completion of Architectural Design or Engineering & Industrial Design. This advanced drafting and design course further familiarizes students with Computer Aided Design. Students apply their knowledge in product design, architectural design, and engineering principles to create solid models and working drawings. Students will also learn to program a robot, use a laser engraver, and run a milling machine. Students will choose a specialty of Architectural Design or Mechanical Design. *When meeting the Senior Math graduation requirement through this CTE course, the student does not earn an additional credit. See your school counselor to complete **required** paperwork within the first two weeks of the semester.*

COMPUTER AIDED DESIGN CAPSTONE 1 Credit Grade Level 12

- **FULFILLS SENIOR MATH REQUIREMENT IN 12TH GRADE** •

Prerequisite: Successful completion of Computer Aided Design. This class is designed for students who have shown exceptional skills in Computer Aided Drafting and in related courses and are planning to continue in this career area. Students are required to concentrate on expanding their knowledge of CAD skills, gaining increased knowledge in the areas of mechanical or architectural design. *When meeting the Senior Math graduation requirement through this CTE course, the student does not earn an additional credit. See your school counselor to complete **required** paperwork within the first two weeks of the semester.*

AUTOMOTIVE ESSENTIALS

0.5 Credit

Grade Levels 9-12

• VPAA CREDIT •

This elective (one semester) 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.

AUTOMOTIVE TECHNOLOGY I

2 Credits

Grade Levels 11-12

• VPAA CREDIT • • FULFILLS SENIOR MATH REQUIREMENT IN 12TH GRADE •

This class is a two hour block. Automotive Technology is designed to prepare students for careers in transportation, such as: automotive management; auto & diesel technician; technical education; parts specialist; or 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. This ASE Educational Foundation accredited program provides advanced placement credit with various universities and community colleges when articulation guidelines are met. Michigan mechanic and GM certification programs are incorporated into the coursework. Students have the opportunity to compete regionally and at the state level of SkillsUSA and MITES. *When meeting the Senior Math graduation requirement through this CTE course, the student does not earn an additional credit. See your school counselor to complete **required** paperwork within the first two weeks of the semester.*

AUTOMOTIVE TECHNOLOGY II

2 Credits

Grade Level 12

• FULFILLS SENIOR MATH REQUIREMENT IN 12TH GRADE •

Prerequisite: Successful completion of Automotive Technology I. This course is a continuation of the This class is a two hour block. Automotive Technology I class, which is designed to prepare students for careers in transportation, such as: automotive management; auto & diesel technician; technical education; parts specialist; or engineering. Students expand their 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. This ASE Educational Foundation accredited program provides advanced placement credit with various universities and community colleges when articulation guidelines are met. Michigan mechanic and GM certification programs are incorporated into the coursework. Students have the opportunity to compete regionally and at the state level of SkillsUSA and MITES. *When meeting the Senior Math graduation requirement through this CTE course, the student does not earn an additional credit. See your school counselor to complete **required** paperwork within the first two weeks of the semester.*

AUTOMOTIVE CAPSTONE

1 Credit

Teacher Permission

• FULFILLS SENIOR MATH REQUIREMENT IN 12TH GRADE •

This class is available only with teacher permission.

Automotive Capstone is an advanced project based course for seniors who have completed or are working towards completing both Automotive Technology 1 & 2. Students work on in depth and independent repairs, diagnostics, and customization projects. This course is lab based and designed to help teach and prepare students for career pathways in the automotive service and engineering fields.

*When meeting the Senior Math graduation requirement through this CTE course, the student does not earn an additional credit. See your school counselor to complete **required** paperwork within the first two weeks of the semester.*



COOKING & CULINARY ARTS I 1 Credit Grade Levels 10-12

• **VPAA CREDIT** • • **FULFILLS SENIOR MATH REQUIREMENT IN 12TH GRADE** •

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 learn-by-doing format. 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. 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 industry certifications, as well as possible college credits through articulation agreements. **When meeting the Senior Math graduation requirement through this CTE course, the student does not earn an additional credit. See your school counselor to complete **required** paperwork within the first two weeks of the semester.**

COOKING & CULINARY ARTS II 1 Credit Grade Levels 11-12

• **FULFILLS SENIOR MATH REQUIREMENT IN 12TH GRADE** •

Prerequisite: Successful completion of Cooking & Culinary I. In this second level class, students will continue to build upon the skills already learned through 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. **When meeting the Senior Math graduation requirement through this CTE course, the student does not earn an additional credit. See your school counselor to complete **required** paperwork within the first two weeks of the semester.**

COOKING & CULINARY ARTS III 1 Credit Grade Level 12

• **FULFILLS SENIOR MATH REQUIREMENT IN 12TH GRADE** •

Prerequisite: Successful completion of Cooking & Culinary I & II. It is suggested that students who enroll in this course be planning to work in the food service industry. This course can be taken concurrently with Cooking & Culinary Capstone. Students will continue to master their craft working in the Drift Inn. **When meeting the Senior Math graduation requirement through this CTE course, the student does not earn an additional credit. See your school counselor to complete **required** paperwork within the first two weeks of the semester.**

COOKING & CULINARY ARTS CAPSTONE 1 Credit Teacher Permission

This class is available only with teacher permission. Prerequisite: Students must have successfully completed Cooking & Culinary Arts I. Corequisite: Student must also be enrolled concurrently in Cooking & Culinary Arts II or III. Student must have a demonstrated interest in pursuing a career in the food service industry. Students will continue to master their craft working in the Drift Inn, as well as enroll in work experience to gain on the job experience in the industry.



INTRO TO METAL FABRICATION

0.5 Credit

Grade Levels 9-12

• VPAA CREDIT •

Intro to Metal Fabrication is an entry-level course (one semester) 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; 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

• VPAA CREDIT •

Prerequisite: Successful completion of Intro to Metal Fabrication. Metal Fabrication II builds and expands on all of the fundamentals learned in the Intro to Metal Fabrication 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. This course is designed to prepare the students for continuation into the Welding Technology courses or to provide a career pathway into the metalworking or welding trades.

WELDING TECHNOLOGY I

2 Credits

Grade Levels 11-12

• VPAA CREDIT • • FULFILLS SENIOR MATH REQUIREMENT IN 12TH GRADE •

This class is a two hour block. Students will demonstrate proficiency using several different welding processes and operating many related metal working machines. Students are provided with a well-rounded base of knowledge involving several different welding, cutting, and metal fabrication processes; the course can transition into an associates or bachelors degree program or 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. *When meeting the Senior Math graduation requirement through this CTE course, the student does not earn an additional credit. See your school counselor to complete **required** paperwork within the first two weeks of the semester.*

WELDING TECHNOLOGY II

2 Credits

Grade Level 12

• FULFILLS SENIOR MATH REQUIREMENT IN 12TH GRADE •

Prerequisite: Successful completion of Welding Technology I. This class is a two hour block. Students will be working with the same processes utilized in Welding Technology I, but will be required to complete more advanced projects with a higher degree of difficulty. Welds are performed in the horizontal, vertical and overhead positions; groove and square butt welds; fillet welds; and weld on materials other than steel and aluminum. Students will be expected to perform repair and general fabrication work as a practical means of applying the knowledge and skill they have 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. This course is highly recommended if a 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. *When meeting the Senior Math graduation requirement through this CTE course, the student does not earn an additional credit. See your school counselor to complete **required** paperwork within the first two weeks of the semester.*

WELDING CAPSTONE

1 Credit

Teacher Permission

This class is available only with teacher permission.

Prerequisite: Students must have successfully completed Welding Technology I.

Corequisite: Student must also be enrolled concurrently in Welding Technology II and be pursuing a career in the field of welding.



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**

• VPAA CREDIT •

Prerequisite: Successful completion of Woodworking I. 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.

FURNITURE MAKING I **1 Credit** **Grade Levels 11-12**

• FULFILLS SENIOR MATH REQUIREMENT IN 12TH GRADE •

Prerequisite: Successful completion of Woodworking I & Woodworking II. 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 the use of CAD/CAM/CNC wood processing. Students are required to pay for the material used to construct their project. *When meeting the Senior Math graduation requirement through this CTE course, the student does not earn an additional credit. See your school counselor to complete **required** paperwork within the first two weeks of the semester.*

FURNITURE MAKING II **1 Credit** **Grade Level 12**

• FULFILLS SENIOR MATH REQUIREMENT IN 12TH GRADE •

Prerequisite: Successful completion of Woodworking I, Woodworking II, and Furniture Making I. 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. Students are required to pay for the materials used to construct their project. *When meeting the Senior Math graduation requirement through this CTE course, the student does not earn an additional credit. See your school counselor to complete **required** paperwork within the first two weeks of the semester.*

CABINET MAKING **1 Credit** **Grade Levels 11-12**

Prerequisite: Students must have successfully completed Woodworking I & II. Corequisite: Student must also be enrolled concurrently in Furniture Making I. This course combines instruction with shop work to give students the woodworking skills needed to construct cabinets. Students seeking training in cabinetry will be offered instruction in woodworking, as well as design, workplace safety, and cost estimating methods. Students work with industry standard tools and equipment. In addition 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 are required to pay for materials.

WOODWORKING CAPSTONE **1 Credit** **Teacher Permission**

This class is available only with teacher permission. Prerequisite: Students must have successfully completed Woodworking I & II. Corequisite: Student must also be enrolled concurrently in Furniture Making I or Furniture Making II. This class is designed for students who have shown exceptional skills in Woodworking. This course is for students that have completed all other courses in woodworking but want to further their skills in the trade. This course would be available to students who have completed Woodworking I, Woodworking II, Furniture Making I, and are concurrently enrolled in Furniture Making II. Students are required to pay for materials.

SPECIAL EDUCATION



SPECIAL EDUCATION IN MICHIGAN: THE MICHIGAN SPECIAL EDUCATION ACT IS PA 451 (1976, 1995, AND 2007).

THIS LAW PROVIDES FOR SPECIAL EDUCATION SERVICES FROM BIRTH THROUGH 26 YEARS OF AGE FOR INDIVIDUALS WITH SPECIAL LEARNING NEEDS.

TUTORIAL .5-1 Credit Grade Levels 8-12

All students who are receiving special education services will receive an hour of tutorial in grades 8-12, unless otherwise stated in the student's Individualized Educational Plan (IEP). Students in grades 9-12 will receive one-half credit per semester upon successful completion of Tutorial. This course allows students to receive individualized, extra support in general education courses. Students are required to bring work to class. If no work is brought to class, supplemental work will be completed in the areas of math, reading, writing, science, decision-making skills, study skills, or employability skills.

CERTIFICATE OF COMPLETION COURSES

Students who are seeking a Certificate of Completion (in lieu of a high school diploma) will work closely with their caseload teacher, the special education director, and school counselor in order to design a schedule that aligns with the student's future occupational and educational goals. This schedule will include foundational skills that will be refined, applied, and extended as the students engage in more complex ideas. Skills courses may include: Language Arts, Reading, Mathematics, Physical Science, Biology, U.S. History, World History, Government, Economics, Health, Life Management, and any other courses deemed appropriate by the scheduling team.

STATEMENT OF NON-DISCRIMINATION

In compliance with Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Americans with Disability Act of 1990, and the Elliot-Larsen Civil Rights Act of 1977, it is the policy of the Cheboygan Area School District that no person shall, on the basis of race, color, religion, national origin or ancestry, sex, disability, height, weight, or marital status be excluded from participation in, be denied the benefits of, or be subjected to, discrimination during any program, activity, service, or in employment.

For information, contact: Superintendent, Cheboygan Area Schools; 7461 North Straits Highway; Cheboygan, MI 49721; 231-627-4436.

