

**Chesaning Union High School
Curriculum Guide
2025 – 2026 School Year**

Graduation Requirements

Class Of	Number of Credits
2026	24
2027 and beyond	22

ENGLISH (4 Credits)

English I, II, III, IV

MATH (4 Credits)

Algebra I, Geometry, Algebra II, Senior Math (1 credit)

SCIENCE (3 Credits)

Biology or Agricultural Biology, Chemistry A & B, Physics A & B

SOCIAL STUDIES (3 Credits)

U.S. History, World History, Civics (.5 credit), Economics (.5 credit),

HEALTH (.5 Credit)

1 Semester Course

PHYSICAL EDUCATION (.5 Credit)

1 Semester Course

VISUAL, PERFORMING OR APPLIED ARTS (1 Credit)

See * Classes

FOREIGN LANGUAGE (2 Credits)

Spanish I, Spanish II

Electives (5 credits)

See *Classes

District Requirements (1 Credit)

Contemporary Global Studies (.5 credit), Senior Integrated Project (.5 credit)

NOTICE OF NONDISCRIMINATION

The Chesaning Union School District prohibits discrimination based on religion, race, color, veteran status, age, pregnancy, national origin, sex (including sexual orientation and transgender identity), height, weight, marital or family status, disability, genetic information, ancestry, or any other legally protected category in its programs, services, activities, or employment.

The following people have been designated to serve as the District's Compliance Officers (Civil Rights Coordinators) to handle inquiries or complaints regarding the District's policy of nondiscrimination:

**Melinda Soule, Middle School Principal
Chesaning Union Schools
431 N. Fourth Street
Chesaning, MI 48616
989.845.7040**

**Paula Peterson, Finance Director
Chesaning Union Schools
850 N. Fourth Street
Chesaning, MI 48616
989.845.7020**

***A student will receive .5 credit for each class period passed per semester.*

***Each student will take 6 class hours each semester.*

Required Freshman Courses

COURSE
English I
Biology or Agricultural Biology
United States History
Algebra I OR Geometry

Required Sophomore Courses

COURSE
English II
Chemistry
World History
Geometry OR Algebra II

Required Junior Courses

COURSE
English III OR English III Accelerated
Economics
Civics
Algebra II OR Math Elective
Physics

Required Senior Courses

COURSE
Contemporary Global Studies
Senior Integrated Project
English IV
Math Elective

Other Requirements

COURSE
Health
Physical Education
Visual/Performing or Applied Arts
Spanish I & Spanish II- or 1 credit VPA

YEAR LONG ELECTIVES – 1 CREDIT EACH

COURSE	RECOMMENDATIONS
*Band	Prior participation in band/approval of band director
*Media	2.0 GPA, Grades 10-12
AP Calculus	“C” or higher in Trigonometry and Pre-Calculus
AP Chemistry	“B” or higher in Chemistry
Accelerated English	“B” or higher sophomore year in ELA 10A and 10B
AP Computer Science Principles	Grades 10-12
AP Computer Science A	Completion of AP Computer Science Principles

YEAR LONG ELECTIVES - 1 CREDIT EACH

COURSE	RECOMMENDATIONS
Spanish I, II, III or IV	Recommended for University-bound students
Animal Science	
Human Anatomy	Grades 11-12
Robotics	Approval of Instructor
Advanced Studies in Agriculture and Natural Resources	Grade 10
*Yearbook	Approval of instructor

**These courses satisfy the Visual, Performing, Applied Arts credit requirement. Two Semesters are required.*

1 SEMESTER ELECTIVES - .5 CREDIT EACH

COURSE	RECOMMENDATIONS
*Drawing	
*Painting	
*Ceramics	
*Applied Arts	Grades 10-11-12
*Drawing II	Drawing
*Painting II	Painting
*Advanced Art	“B” or higher in at least 3 art classes
Coding I	
*Creative Writing	
Greek Mythology	
Multicultural Literature	Grades 10-11-12
*Intro to Auto Collision	

*Collision Related Mechanical Repairs	
*Collision Welding	
*Intro To Automotive Refinishing	
*Auto Collision Reconditioning	
*Advanced Auto Collision	Grades 10-11-12
*Advanced Refinishing	Grades 10-11-12
*Advanced Collision Welding	Grades 10-11-12
*Collision Engine Repair	Grades 11-12
*Auto Collision Skills Competition	Grades 11-12
Statistics	Grades 11-12
Strength & Conditioning	
Personal Finance	Grades 11-12
Advanced PE II	Beginning PE I
Dynamic Perf. Training	Beginning PE I
Competitive Team Sports	Beginning PE I
Yoga	Beginning PE I
Fisheries/Wildlife Mngt	
Plant Science	
Bioethics	Grades 11-12
Food Science	Grades 11-12
Agribusiness Mgmt	Grades 11-12
Agriculture Internship	Grades 11-12
Small Animal Mgmt	Grades 11-12
Veterinary Science	Grades 11-12
Floral Design	Grades 11-12
Agriculture Finance Leadership	Grades 11-12
Agriculture Issues/Commun.	Grades 11-12
Botany	Grades 11-12
Precalculus	Grades 11-12
Trigonometry	Grades 11-12
Forensic Science	Grades 11-12
Environmental Science	Grades 11-12
Sociology	Grades 11-12
Psychology	Grades 11-12
Child Dev/Parenting	Grades 11-12
History & Film 1	Grades 9-10
History & Film 2	Grades 9-12
Michigan History	Grades 9-10-11-12
Work Based Learning	Grades 11-12
Career Shadowing (CCE)	Grades 11-12

ART

***Drawing**

Grades 9-10-11-12 0.5 Elective Credit 1 Semester

This class focuses on drawing accurately using several different technical methods, including units of measure, graphing and coordinate plane. This class will explore several different media, including, but not limited to, graphite, charcoal, and colored pencil. At the end of this course, students will be able to accurately draw from life and from printed material to generate two-dimensional work that demonstrates an understanding of the elements and principles of design. The student will have knowledge of drawing and two-dimensional design throughout history. No prerequisites required.

***Drawing II**

Grades 10-11-12 0.5 Elective Credit 1 Semester

Prerequisite: Drawing

This class builds on the basic information learned in Drawing. The students will use the basic technical skills to create flat artwork that demonstrates a deep understanding of composition, principles of art, and synthesizing multiple parts of a visual problem to communicate a specific message.

***Painting**

Grades 9-10-11-12 0.5 Elective Credit 1 Semester

Class will focus on the basics of color theory through the exploration of different painting media, including, but not limited to, tempera, pastels, and acrylics. The students will be able to produce several paintings that demonstrate an understanding of the principles of design. The students will have a knowledge of painting throughout history. No prerequisites required.

***Painting II**

Grades 10-11-12 0.5 Elective Credit 1 Semester

Prerequisite: Painting

This class is a continuation of the basic information provided in Painting. Students will be composing paintings using and combining several different media to communicate a message, emotions, and metaphors through two-dimensional color work.

***Ceramics**

Grades 9-10-11-12 0.5 Elective Credit 1 Semester

The class will focus on the basics of creating a three-dimensional form that is both functional and aesthetic. The students will work in low-fire clay and glazes to create functional and non-functional pottery and sculptures that demonstrate texture, space and unity. No prerequisites required.

***Advanced Art**

Grades 11-12 0.5 Elective Credit 1 Semester

Prerequisite: Students must successfully complete 3 art classes with a B or higher. This class will be an in-depth study of painting, drawing, and/or

three-dimensional art forms using advanced compositions and technical skills. At the end of the class, the students will produce a digital portfolio that will be ready to show to prospective art colleges for the purpose of admission.

***Applied Arts**

Grades 10-11-12 0.5 Elective Credit 1 Semester

WARNING: Students will work with materials that are hot or sharp. Safety procedures must be followed at all times.

This class is designed to visit the world throughout time by learning about functional crafts and then applying ancient and modern techniques to create an artful two-dimensional and three-dimensional product. The class will focus on colonial tin ceilings, ancient Japanese fabric story-telling, American counter-culture clothing, African jewelry-making skills, and European glasswork. No prerequisite required.

BUSINESS

Senior Integrated Project

Grade 12 0.5 Required Credit 1 Semester

This project-based course will prepare students for various post-secondary responsibilities. Topics include career research, job interviewing skills, applying to college, scholarship opportunities, and workplace readiness. Students are required to complete a senior project, research paper, portfolio and a final presentation to a panel of judges.

Personal Finance

Grades 11-12 0.5 Elective Credit 1 Semester

Students will understand the impact of individual choices on occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets, demonstrate knowledge of finance, debt, and credit management, and evaluate and understand insurance and taxes. This course will also provide students with the necessary math skills for making informed personal financial decisions.

AP Computer Science Principles

Grades 10-12 1 Elective Credit 2 Semesters

According to College Board, Advanced Placement Computer Science Principles (AP CSP) is a course that explores "the fundamentals of computing, including problem solving, working with data, understanding the Internet, cyber security, and programming." It is a course that is designed to broaden the understanding of computer science for all students, no matter what your previous background, current interests, or intended college and career track may be. AP Computer Science Principles is designed to be equivalent to an introductory college computing course. You will develop computational thinking skills vital to success across various fields and subject areas. In fact, in this course you will learn not only how to program using java script, but will also learn about other CS topics like the inner workings of the Internet, how to use a dynamic problem solving process, and various research skills that are sure to benefit you in school and life.

AP Computer Science A (prerequisite AP Computer Science Principles)

Grades 10-12

1 Elective Credit

2 Semesters

This course is designed for students who are serious about programming. Java requires a good mathematical background and strong problem-solving skills. The course is designed to prepare students for the Advanced Placement Computer Science exam, level A. Topics include: simple, user-defined and structured data types, algorithm development, decisions and loops, arrays, recursion, searches and sorts, data abstraction, and classes. Edhesive's AP Computer Science A is approved by the College Board as an authorized AP Computer Science A course. Curriculum is provided via codeHS in an online learning environment with a classroom teacher as a facilitator.

Coding I

Grades 10-12

0.5 Elective Credit

1 Semester

This class will focus on moving the student from block coding (scratch) learned in earlier grades to a more text based coding in the form of Python. The course will be web based, work at your own pace, and will have teacher created projects that will increase in complexity as the trimester goes on. By the end of the course, the student will be comfortable with one of the most common forms of coding, Python.

ENGLISH

English I A

Grade 9

0.5 Required Credit

1 Semester

Students will study vocabulary, grammar and usage, fiction, and nonfiction texts as well as developing analytical skills and strategies while moving through a variety of literature genres. Students will study and write Personal Narratives, Literary Essays and be introduced to the basics of Argumentation. Students will use the Writer's Workshop to complete final writing pieces and will be expected to work cooperatively in group settings. Students will also be expected to read independently for sustained periods of time with a two book requirement per semester.

English I B

Grade 9

0.5 Required Credit

1 Semester

Students will study vocabulary, grammar and usage, fiction, and nonfiction texts as well as read a range of advertisements across marketing sub-genres. Students will apply their knowledge of informational texts to read critically, make inferences and analyze bias. Units of study will include writing the Argument and Informational Essays. Students will use the Writer's Workshop to complete final writing pieces and will be expected to work cooperatively in group settings. Students will also be expected to read independently for sustained periods of time with a two book requirement per semester.

English II A

Grade 10

0.5 Required Credit

1 Semester

Students will study vocabulary, grammar and usage, fiction and nonfiction texts. Units include Poetry, Autobiography/Biography/Memoir, Basics of Argumentation: Movie Review, and World Literature with comparative reading of multiple texts. Students will use the Writer's Workshop to complete final writing pieces and will be expected to work cooperatively in group settings. Students will also be expected to read independently for

sustained periods of time with a two book requirement per semester.

English II B

Grade 10 **0.5 Required Credit** **1 Semester**

Students will continue their study of vocabulary, grammar and usage, fiction and nonfiction texts. Units will include Literary Essay: Developing Thematic Analysis, Informational Reading: Analytical Reading of Foundational United States Documents, Informational Essay: Shared Research and Technology-based Publication and Writing the Argument: Op-Ed. Students will use the Writer’s Workshop to complete final writing pieces and will be expected to work cooperatively in group settings. Students will be required to read two books independently.

English III A

Grade 11 **0.5 Required Credit** **1 Semester**

Skill development in grammar, usage, literature, composition, and speech will continue to be a main focus of English III. Practical English skills will be highlighted with an emphasis on writing skills. Themes of technology, decision making, human nature, and the power of language will be explored through various fiction and nonfiction texts. Students will explore Shakespeare’s *Hamlet* and William Golding’s *Lord of the Flies*. Argumentative writing will be strongly emphasized.

English III B

Grade 11 **0.5 Required Credit** **1 Semester**

Skill development in grammar, usage, literature, composition, and speech will continue being a main focus of English III. Practical English skills will be highlighted with an emphasis on writing skills. Themes of technology, decision making, human nature, and the power of language will be explored through various fiction and nonfiction texts. Students will explore various short stories with a thematic focus of technology and various dystopian novels.

English III Accelerated A

Grade 11 **0.5 Required Credit** **1 Semester**

Students will focus on vocabulary, grammar and usage, fiction and nonfiction texts during this course. A heavy emphasis will be placed on collegiate writing and literary analysis. Units will include a Memoir, Analytical Reading of Multiple Texts: Satire in American Literature, and The Impact of Author’s Craft in a Genre Study: William Shakespeare’s *Hamlet*. Students will use the Writer’s Workshop to complete final writing pieces and will be expected to work cooperatively in group settings. Students will also be expected to read independently for sustained periods of time with a four book requirement per trimester. Must maintain a B average to remain in Accelerated English.

English III Accelerated B

Grade 11 **0.5 Required Credit** **1 Semester**

Students will focus on vocabulary, grammar and usage, fiction and nonfiction texts during this course. A heavy emphasis will be placed on collegiate writing and literary analysis. Units will include Analytical Reading of Seminal United States Documents focusing on the Bill of Rights, Power in Social Settings, a Dystopian Study, and Sustained Research on a

Personal Inquiry. Students will use the Writer’s Workshop to complete final writing pieces and will be expected to work cooperatively in group settings. Students will also be expected to read independently for sustained periods of time with a four book requirement

per trimester. Must maintain a B average to remain in Accelerated English.

English IV A

Grade 12 0.5 Required Credit 1 Semester

This course is designed to further your English skills by providing a survey in workplace and world literature. The writing to be done in this class is specifically designed toward the type of writing you will encounter in the workplace and community college environment. This class will be extending upon the English studies covered in the last three years, so independent and class reference back to previous studies will be an integral portion of your advancing knowledge. Students will read a variety of literature and nonfiction texts.

English IV B

Grade 12 0.5 Required Credit 1 Semester

This course is designed to further your English skills by providing a survey in workplace and world literature. The writing to be done in this class is specifically designed toward the type of writing you will encounter in the workplace and community college environment. This class will be extending upon the English studies covered in the last three years, so independent and class reference back to previous studies will be an integral portion of your advancing knowledge. Students will read Jhumpa Lahiri's *The Namesake*. Students will read a variety of fiction and nonfiction texts.

***Creative Writing**

Grades 9-10-11-12 0.5 Elective Credit 1 Semester

In this course, students will write every day, and they will explore different writing techniques and styles. Writing skills will be developed through pre-writing, editing, re-writing, critiquing, and collaborating. Students will examine various genres of writing, including essays (informative and persuasive), short stories, poetry, and drama, and will learn the techniques and conventions of these types of writing. Students must be willing to share their work. Students will be asked to critique their own and others' work in a positive and gentle manner.

***Greek Mythology**

Grades 9-10-11-12 0.5 Elective Credit 1 Semester

This course examines Greek Mythology, including the history/culture of Ancient Greece. Students will study the gods, goddesses, heroes, heroines, and the classic stories of love and adventure which influence modern literature, media, and culture. Students should be prepared to read and write extensively about this part of history and literature, and to explore the connection between these ancient beliefs and our Western culture today.

***Media**

Grades 10-11-12 1 Elective Credit 2 Semesters

Recommendations: 2.00 GPA

Students will learn about two main avenues of media. They will have hands-on experience in developing and making a daily TV and radio program. They will work on a variety of jobs to attain these two goals. This class involves a lot of independent study, as such, every student should be a self-directed learner. Each student will be expected to conduct an interview and research and write news copy. All media students will need to be out of the building at various times as well as work after school and some evenings. Students will tour a professional TV and radio studio for career development. The goal is to perfect broadcast skills in order to work on WCHS in Media II class. Students will be graded on

hands-on skill development in editing as well as tests over the book.

*Sports Broadcasting- If the student chooses they may cater their media learning toward sports broadcasting. In this case, students will attend multiple sporting events and report upon them as a requirement of the class.

***Yearbook**

Grades 10-11-12 1 Elective Credit 2 Semesters

Recommendations: Grades 10-12, Approved Application from the instructor. This class will focus on the production of the yearbook, utilizing students' skills in writing, graphic design, business management, leadership, and marketing. The class will focus on improving student writing, photo editing, and computer aided design skills. All students enrolled in this course will be required to attend different after school events, speak on the phone, and use a computer to complete assignments.

Freshmen Focus

Grade 9 0.5 Elective Credit 1 Semester

Recommended for Course

Freshmen Focus is a course designed to provide students with additional academic and intervention support throughout their Freshmen year. Students will have the opportunity to receive additional support on their assignments, help prepare for assessments, and take part in math and reading interventions. Other lesson topics include study skills, time management, SEL, and career exploration.

Multicultural Literature

Grades 10-12 0.5 Elective Credit 1 Semester

Students will read a variety of literature from various cultural perspectives, such as African American, Latino, Feminine, Native American, and Asian American. Cultural values, attitudes, and beliefs will be discussed and compared. Students will also explore these cultural perspectives through the study of music, film, poetry, and nonfictional accounts.

FINE ARTS

***Band**

Grades 9-10-11-12 1 Elective Credit 2 Semesters

Prerequisite: Students have been previously enrolled in the instrumental music program or have experience on a band instrument.

—This year-long course emphasizes the development of musical skills. The Chesaning High School Band appears in concerts, athletic events, parades, festivals, civic functions and other public performances.

Semester one is split into two portions: marching band and concert band. During the first portion, band students are required to participate in marching band, which includes preparing a half-time show for varsity home football games and MSBOA Marching Festival. Each year new maneuvers, formations, and musical/marching ideas are utilized. To help prepare in learning these concepts, a summer band camp is scheduled for

students to attend. During the second portion, students will shift to concert band season, which includes preparing for the annual Veterans Day assembly and Holiday Concert.

Semester two will continue to focus on musical skills for the concert band season. There will be performances to display students' talents, including varsity basketball pep-band, spring concert, high school graduation, MSBOA Concert Festival, and MSBOA Solo & Ensemble Festival. All activities listed above help further students' musical development, understanding, and abilities. Semester two also provides potential travel opportunities at the discretion of the director. Parents and administration will be notified in advance to begin making necessary accommodations.

***The Michigan Department of Education gives school districts the opportunity to recognize Marching Band as an extracurricular activity that can be counted towards the Physical Education graduation requirement. The high school Band Director will incorporate all PE standards as part of the Marching Band curriculum. In order to count the ½ credit for PE, students and parents/ guardians must complete the opt-in form, and students must complete two years of Marching Band (due to the length of Marching Band season).*

FOREIGN LANGUAGE

Spanish I A

Grades 9-10-11-12 0.5 Required Credit 1 Semester

Spanish I A is an entry level course. Listening and comprehension skills are stressed. The basic elements of vocabulary and grammar are introduced.

Spanish I B

Grades 9-10-11-12 0.5 Required Credit 1 Semester

Spanish I B is a continuation of Spanish I A. Listening and comprehension skills are stressed. The basic elements of vocabulary and grammar are introduced.

Spanish II A

Grades 10-11-12 0.5 Required Credit or 1 VPA credit 1 Semester

Spanish II A stresses speaking, reading, and writing. The study of grammar is expanded to include present, past, reflexive, and special constructions.

Spanish II B

Grades 10-11-12 0.5 Required Credit or 1 VPA credit 1 Semester

Spanish II B is a continuation of Spanish II A. The course stresses speaking, reading, and writing. The study of grammar is expanded to include present, past, reflexive, and special constructions

Spanish III A

Grades 11-12 0.5 Elective Credit 1 Semester

Recommendations: Spanish II with "C" average proficiency.

Spanish III A is for the student intent on language study at the college level. All of the tenses are introduced and emphasis is on spoken and written Spanish. Hispanic culture is featured with emphasis on group discussions of comparative cultures.

Spanish III B

Grades 11-12 0.5 Elective Credit 1 Semester

Spanish III B is a continuation of Spanish III A. Spanish III B is designed for the student intent on language study at the college level. All of the tenses are introduced and emphasis is on spoken and written Spanish. Hispanic Culture is featured with emphasis on group discussions of comparative cultures.

Spanish IV A

Grade 12 0.5 Elective Credit 1 Semester

Recommendations: Spanish III with "C" average proficiency.

Spanish IV A is for the student intent on language study at the college level. All of the tenses are reviewed and emphasis is placed on reading, vocabulary, and the expansion of oral proficiency. Spanish IV A may be done on an independent study basis.

Spanish IV B

Grade 12 0.5 Elective Credit 1 Semester

Spanish IV B is a continuation of Spanish IV A. It is designed for the student intent on language study at the college level. All of the tenses are reviewed and emphasis is placed on reading, vocabulary, and the expansion of oral proficiency. Spanish IV B may be done on an independent study basis.

HEALTH EDUCATION

Health

Grades 9-10-11-12 0.5 Required Credit 1 Semester

Your body is the vehicle that gets you through life and this course is aimed to educate students on how to be a healthy, holistic individual. In this course, students will learn and practice healthy habits and skills that they can use for a lifetime. The following units will be covered throughout the semester: Nutrition, Alcohol, Tobacco and Drugs, Safety & Emotional Health, Personal Health & Wellness, HIV Prevention along with Sexuality Education (approved by Chesaning Public Schools Board of Education). Before this unit, an informative letter will be sent home to parents about the unit. Within each of those units, the following concepts will be taught: Core Concepts, Accessing Information, Health Behaviors, Influences, Goal Setting, Decision Making Social Skills and Advocacy. This class has a large emphasis on the effort level students put into their work and how accountable they are with their decision making.

INDUSTRIAL TECHNOLOGY

Intro to Auto Collision

Grades 9-10-11-12 0.5 Elective Credit 1 Semester

An introduction to the safe use of hand and power tools, techniques of metalworking, body preparation, plastic fillers, fiberglass, sanding and application of primers and base coat-clear coat refinishing materials with an emphasis on shop safety practices.

Collision Related Mechanical Repairs

Grades 9-10-11-12 0.5 Elective Credit 1 Semester This class is for students who want to know how to do basic auto maintenance. Upon completion of this course, students will demonstrate an understanding of auto service, safety practices, tools, material, auto insurance, warranties, and more.

Collision Welding

Grades 9-10-11-12 0.5 Elective Credit 1 Semester

This course will cover basic welding procedures; oxy-fuel, gas welding of flat strips 1/8" or less in thickness, and cutting, beveling and piercing plate and pipe. The class will also include striking an arc, running beads, pad welding, and fillet welds. This class will also address safety in use of equipment for oxy-fuel gas welding and arc welding.

Intro to Automotive Refinishing

Grades 9-10-11-12 0.5 Elective Credit 1 Semester

An introduction to current refinishing products, shop safety and equipment used in the automotive refinishing industry. Emphasis on surface preparation, masking techniques and refinishing replacement parts.

Auto Collision Reconditioning

Grades 9-10-11-12 0.5 Elective Credit 1 Semester

This course covers in depth automotive detailing processes including washing, polishing and waxing. Other topics covered include headlight restoration, paint chip repair, carpet cleaning, and odor removal.

Advanced Auto Collision

Grades 10-11-12 0.5 Elective Credit 1 Semester

Prerequisite: Intro to Auto Collision

Expanded training in plastics and adhesives, structural analysis and damage repair, safety and computer based estimating, and non-structural analysis and damage repair.

Advanced Refinishing

Grades 10-11-12 0.5 Elective Credit 1 Semester

Prerequisite: Intro to Auto Refinishing

Expanded training in mixing and spraying automotive topcoats. Emphasis on formula ingredients, reducing, thinning, and special spraying techniques. Further development in identification of problems and solutions in color matching and panel refinishing.

Advanced Collision Welding

Grades 10-11-12 0.5 Elective Credit 1 Semester

In this course students will cover engine size, displacement, compression ratios, horsepower, torque, engine overhaul, cooling system, and lubrication system. Students will also be using different measuring tools to decide engine wear.

Auto Collision Skills Competition

Grades 11-12 0.5 Elective Credit 1 Semester

This class allows students to prepare and focus on the skills needed in order to compete in Skills USA, a national organization where students compete in skilled trades to potentially earn a chance to represent their state at the National Skills USA Competition with the possibility of earning valuable prizes and scholarships. Available areas of competition include Auto Collision, Auto Refinishing, Automotive Brakes, Welding, Collision Estimating, and Job Demo-Open. Students will have the opportunity to develop career skills, leadership and teamwork.

Algebra I

Grade 9

1 Required Credit

2 Semesters

****A scientific calculator is recommended.**

This year-long course introduces students to expressions, equations, and operations in algebra. Students will solve one and two variable equations and inequalities, as well as systems of equations and inequalities. Students will focus on linear, quadratic, and exponential functions, stressing these skills in problem solving situations. Properties of exponents, polynomials, factoring, data analysis, and transformations of functions are also included.

Geometry

Grades 9-10

1 Required Credit

2 Semesters

****A scientific calculator is recommended.**

This year-long course focuses on the relationships among figures. Topics include angles and parallels, properties of quadrilaterals, congruent triangles, transformations and dilations, similar polygons, area and perimeter, volume and surface area, proofs, statistics, chords and segments in circles, right triangle, trigonometry, and geometric constructions.

Algebra II

Grade 11

1 Required Credit

2 Semesters

**** A TI graphing calculator is necessary.**

This is a year-long class designed to study the different types of functions. Topics will include data and linear representations, numbers and functions, including quadratic, exponential, logarithmic, polynomial, rational, radical, and trigonometric functions, conic sections, sequences and series, and some basic probability and statistics. Students will use these functions to model real world problems and solve them accordingly.

Trigonometry

Grades 11-12

0.5 Elective Credit

1 Semester

Prerequisite: Algebra II

**** A TI graphing calculator is necessary.**

Trigonometry is the study of the geometric properties of the angles and sides of triangles. Students will learn to interpret numerical information in table, graph, and equation formats. Topics include right triangle relationships, unit circle, trigonometric functions and their applications, and trigonometric identities.

Precalculus

Grades 11-12

0.5 Elective Credit

1 Semester

Prerequisite: Algebra II

**** A TI graphing calculator is necessary.**

This course is designed to strengthen your mathematical skills in preparation for a Calculus course. Students will learn to apply both algebraic and graphical techniques to solve application problems. Topics include solving equations, analyzing functions, using logarithms, and limits.

Statistics

Grades 11-12 0.5 Elective Credit 1 Semester

****A TI graphing calculator is necessary.**

Statistics is the science of conducting studies to collect, organize, summarize, analyze, and draw conclusions from data. Students will learn to use statistical methods to make inferences from a set of data.

Advanced Placement Calculus

Grade 12 1 Elective Credit 2 Semesters

Recommendations: At least a “C” in Trigonometry and Precalculus

****A TI Graphing Calculator is necessary.**

AP Calculus is an introductory college level course. Your experience in AP Calculus will be similar to that of a first semester college Calculus course. Calculus is primarily concerned with developing students’ understanding of the concepts of derivatives and integration used to solve practical applications. The course emphasizes a multi-representational approach to calculus concepts with results and problems being expressed geometrically, numerically, analytically, and verbally. The course is designed to help prepare you for the comprehensive AP Calculus test given in May, which could possibly earn you college credit.

OTHER

Sophomore Focus

Grade 10 0.5 Credit 1 Semester

Recommended for course

Sophomore Focus is a course designed to provide students with additional academic and intervention support throughout their Freshmen year. Students will have the opportunity to receive additional support on their assignments, help prepare for assessments, and take part in math and reading interventions. Other lesson topics include study skills, time management, SEL, and career exploration.

PHYSICAL EDUCATION

Beginning PE I

Grades 9-10-11-12 0.5 Required Credit 1 Semester

The purpose of this course is to introduce students to sports, activities, and games, as well as strength training and personal fitness exercises that can be carried into a lifetime of health and fitness. Throughout this course, students will learn the basic rules, strategies and skills that will help them participate in these activities outside our class. Skills will be drilled and practiced before the actual games are played for every unit! Basic strength training skills and personal fitness activities will be taught to improve the student’s overall fitness and health. Students are expected to dress every day, participate and have a great attitude in class. The student’s participation, attitude, and effort toward daily activities will determine his/her grade for this course, along with physical and written tests which are taken to assess student’s knowledge and skills.

Advanced PE II

Grades 9-10-11-12 0.5 Elective Credit 1 Semester

Prerequisite: Beginning PE I

The purpose of this course is to build on the knowledge and skills learned in Beginning PE I, as well as other sports, activities, games, strength training and personal fitness exercises that can be carried into a lifetime of health and fitness. Throughout this course, students will learn advanced strategies and skills in activities covered in Beginning PE I. Advanced strength training skills and personal fitness activities will be taught to improve the student's overall fitness and health. Students are expected to dress every day, participate and have a great attitude in class. The student's participation, attitude and effort toward daily activities will determine his/her grade for this course, along with physical and written tests which are taken to assess student's knowledge and skills.

Dynamic Performance Training

Grades 10-11-12 0.5 Elective Credit 1 Semester

Prerequisite: Beginning PE I

Dynamic performance training will be individualized to meet the specific needs of each student. Each student will be on a workout plan that focuses on strength training and cardiovascular fitness, as well as dynamic core exercises, plyometric exercises, and circuit training. The instructor will assist the student in setting up a program that will help the student achieve his/her goals. Participation, attitude, and effort, along with physical tests, will determine his/her grade for this course. Along with weight training and cardiovascular exercise, certain activities will be used throughout the trimester to promote fitness. Each student in this class will be expected to, on a daily basis, be ready to show up, work hard and make themselves better!

Competitive Team Sports

Grades 10-11-12 0.5 Elective Credit 1 Semester

Prerequisite: Beginning PE I

This course is meant to teach two important parts of a student's life along with promoting fitness and sport. In this course, teamwork will be stressed during each unit that will be presented. Being part of a team is something each student will do in their life, ranging from a job to a family. Competing is another key component of this course. Every unit will have drills and a competitive portion where groups and teams will compete against each other. Students will learn intermediate to advanced skills for the individual and for the team aspect. All skills and drills will be practiced before the actual playing of the game or sport. A student's participation, attitude, and effort, along with written tests over team rules and concepts taught in class, will determine his/her grade for this course. Students are expected to dress every day, participate and have a great attitude in class.

Yoga

Grades 9-10-11-12 0.5 Elective Credit 1 Semester

Prerequisite: Beginning PE I

Yoga is an energetic, vigorous practice that blends sweat, strength and flexibility in a class that thoroughly tones the body and disciplines the mind. A series of yoga postures are done in sync with the breath, flowing from one movement into the next. The results include enhanced physical strength and endurance, improved flexibility, and a calm and focused mind. Along with strengthening the body and mind, this class will also offer a history of yoga and its five major principles.

No prerequisite

Biology A

Grade 9 **0.5 Required Credit** **1 Semester**

This course is designed to study life using a “hands on” approach. Several lab activities are done to reinforce certain concepts in the study of life. Biochemistry, organic compounds of life, cell structure & function, cell reproduction, respiration and photosynthesis will be covered in this course.

Biology B

Grade 9 **0.5 Required Credit** **1 Semester**

This course is an introduction to the study of genetics, natural selection and ecology. Human genetics, monohybrid, dihybrid crosses will be examined. Students will learn how genetic traits are passed on from generation to generation. Mutations will be discussed, and students will learn how these mutations affect natural selection. The concept of ecology, symbiosis, predation, populations, communities, biomes and ecosystems will be covered in this course.

Physical Science A

Grade 10 **0.5 Required Credit** **1 Semester**

Recommendations: Teacher recommendations and student EDP’s will be considered. Physical science provides a conceptually-based exposure to the fundamental principles and processes of the physical world. The course will provide studies in the following areas: motion and its causes, conservation laws, periodic motion, thermodynamics and heat theory, electricity, magnetism, and electromagnetic radiation, light and optics, and modern physics including fundamental particles.

Physical Science B

Grade 10 **0.5 Required Credit** **1 Semester**

Recommendations: Teacher recommendations and student EDP’s will be considered. Physical science provides a conceptually- based exposure to the fundamental principles and processes of how chemistry applies to the real world. The course will provide a survey on the topics of the foundation of matter, atomic structure, bonding, chemical reaction and nuclear chemistry and its applications in the real world.

Earth Science

Grade 11 **0.5 Required Credit** **1 Semester**

This course allows students to explore a variety of topics including Earth’s place in the universe, Earth’s systems, and Earth and human activity. Students should complete this course with a good understanding of the solar system, the universe and stars, the history of the planet Earth, plate tectonics and interactions, the role of water on Earth, weather and climate, and interactions between the Earth and humans in the form of natural resources, natural hazards, human impact on Earth systems, and global climate change. Additional experiments, in-depth research and projects will be required throughout the course.

Advanced Placement Biology

Grades 11-12 **1 Elective Credit** **2 Semesters**
Recommendations: Biology & Chemistry with a grade of B or higher AP Biology is an introductory college level course. By taking AP Biology, you will be taking a similar or even identical course to college students taking their first college level biology course (General or Introduction to Biology). In this course, you will explore several sub-fields in biology, and complete at least 8 labs to develop your understanding of biology. The goals of this course are designed to: 1) present an in-depth, college level study of the biological sciences, 2) help students develop college level critical thinking skills, writing skills, and study habits, and 3) help prepare you for the comprehensive AP Biology Exam given in May so that you may score a 3 or above, and earn college credits for this year of study and hard work.

Chemistry A
Grade 10-11-12 **0.5 Required Credit** **1 Semester**
Teacher recommendations and student's EDPs will be considered.
This fast-paced, rigorous course is an in-depth study of the introductory topics in Chemistry including atomic theory, nuclear chemistry, the periodic table, energy levels, electron configurations, periodic trends and chemical bonding, identifying and naming chemical reactions; writing, making predictions to products and balancing equations. During the hands-on lab component of the course, students will explore real world situations and analyze data.

Chemistry B
Grade 10-11-12 **0.5 Required Credit** **1 Semester**
This fast-paced, rigorous course is a continuation of Chemistry A. The introductory topics in Chemistry include chemical reactions, chemical quantities, molar conversions, stoichiometry and gas laws. During the hands-on lab component of the course, students will apply concepts to real world situations and analyze data.

Chemistry IIA
Grades 11-12 **0.5 Elective Credit** **1 Semester**
Prerequisite: Chemistry
This course is an extension of the first year of Chemistry with emphasis on topics such as molecular geometry, organic chemistry, solutions, and solubility. The hands-on lab component of the course provides opportunities to apply concepts and analyze data. This course emphasizes a greater depth and understanding of chemistry and will help prepare you for college chemistry.

Chemistry IIB
Grades 11-12 **0.5 Elective Credit** **1 Semester**
This course is a continuation of your study of Chemistry with emphasis on chemical reactions and their properties. Precipitation, oxidation-reduction, and acid-base reactions will be thoroughly studied. The hands-on lab component of the course provides opportunities to apply concepts and analyze data. This course emphasizes a greater depth and understanding of chemistry and will help prepare you for college chemistry.

Advanced Placement Chemistry

Grades 11-12 1 Elective Credit 2 Semesters

Recommendations: Chemistry with a “B” or higher.

AP Chemistry is an introductory college level course. Your experience in AP Chemistry will be similar to that of a first semester college Chemistry course. AP Chemistry focuses on the depth of understanding of fundamentals and chemical problems. The lab component strives to provide experiences observing chemical reactions, recording data, interpreting results and communicating conclusions. The course is designed to help prepare you for the comprehensive AP Chemistry test given in May, which could possibly earn you college credit.

Physics A

Grades 10-11-12 0.5 Required Credit 1 Semester

Teacher recommendations and student EDPs will be considered.

This course is a comprehensive study of the topics of Physics. Units of study will include experimental design in Physics, descriptions of the motion of objects, force, linear/projectile motion (catapults), and momentum (collisions). This class will include numerous hands-on activities in the form of lab experiments, demonstrations, and real world problem solving activities relating to these topics.

Physics B

Grades 10-11-12 0.5 Required Credit 1 Semester

This course is a comprehensive study of the topics of Physics. Units of study in this portion of Physics will include energy transfer and uses, waves/sound, electromagnetic waves/light, electrical forces & interactions, and electric current. This class will include numerous hands-on activities in the form of lab experiments, demonstrations, and real world problem solving activities related to these topics.

Human Anatomy A

Grades 11-12 0.5 Elective Credit 1 Semester

This course is designed for students with an interest in the medical field. In this portion of the course, a working vocabulary of anatomy will be established. An overview of the body’s organ systems, what they do and how they work together will be learned. An anatomical and physiological survey of the skeletal, muscular, and integumentary systems will be completed culminating in an animal dissection.

Human Anatomy B

Grades 11-12 0.5 Elective Credit 1 Semester

In the second portion of anatomy, anatomical and physiological study of the nervous, respiratory, cardiovascular, gastrointestinal, and urinary systems will be completed. An animal dissection will complement these units.

Forensic Science

Grades 11-12 0.5 Elective Credit 1 Semester

This elective course provides an introduction to the topics within the field of forensic science. Study includes the applications of concepts from the areas of biology/anatomy, chemistry, physics and geology to analyze and investigate evidence that may be discovered in a criminal investigation. Classroom activities include experiments, projects,

case studies and the incorporation of technology.

Bioethics

Grades 11-12

0.5 Elective Credit

1 Semester

This elective course is designed to increase science literacy, critical thinking, and problem solving skills. Students will be responsible for researching science topics that may be controversial in the real world and using this information to defend a side. Students will be expected to work in groups and be an active member of that group. Classroom activities will include presentations, daily participation, weekly papers, research projects, and in class debates. Students that want to continue to be challenged in science will find this course rewarding. Maturity, respect for others, attendance, and hard work will be expected. This is a one semester course for juniors and seniors.

Robotics A

Grades 9-12

0.5 Elective Credit

1 Semester

Recommendations: Instructor approval

This course is primarily a hands-on approach to problem solving. In this first section of robotics the students will be presented with a series of tasks that they must solve working in small groups. This course relies heavily on the Science and Engineering approach from the Next Generation Science Standards. Students should leave the course with a better understanding of working as a team to problem solve. Prototyping, planning and budget analysis are the big ideas of Robotics A. Students that take Robotics A should plan on being a part of the Robotics team during 2nd semester.

Robotics B

Grades 9-12

0.5 Elective Credit

1 Semester

Recommendations: Instructor approval

This course is primarily a hands-on approach to problem solving. In this second section of robotics the students will help to design and create a robot for the FIRST robotics competition. This course relies heavily on the Science and Engineering approach from the Next Generation Science Standards. Students should leave the course with a better understanding of working as a team to create a workable robot. Prototyping, planning, budget analysis and robot creation are the big ideas of Robotics B. Students that take Robotics B should plan on being a part of the Robotics team during 2nd semester.

AGRI-SCIENCE VOCATIONAL EDUCATIONAL PROGRAM (Animal Science, Plant Science, Fisheries & Wildlife Management)

All Agri-science courses are lab oriented. In addition, all agri-science courses will have leadership and FFA activities as an integral part of their coursework.

Agricultural Biology A & B

Grade 9

0.5 Elective Credit

1 Semester

(the Biology of Animals, Plants, and Natural Resources)

Two courses – Agricultural Biology A and Agricultural Biology B

*Students must complete Ag Bio A and Ag Bio B to receive full Biology Credit

Agriculture Biology offers students the required biology credit for high school graduation. This course uses agriculture as the learning vehicle. The course emphasizes the principles, central concepts and interrelationships among the following topics: the molecular and cellular aspects of life, the chemical and structural basis of life, growth and reproduction in plants and animals, evolution of modern plants and domestic livestock species, plant

and animal genetics, taxonomy of modern agricultural plants and animals, animal behavior, ecological relationships among plants, animals, humans and the environment, nutrition in animals, health and diseases in animals, and the similarities between animals and humans. Students in this course will learn about the FFA and have a multitude of opportunities to become involved in the FFA which is the nation's largest youth leadership organization. This course serves as a prerequisite for all the other Agriscience courses offered.

Advanced Studies in Agriculture & Natural Resources(ANR) A & B Grade 10 0.5 Elective Credit 1 Semester

Two Courses – Advanced Studies in Agriculture and Natural Resources A and Advanced Studies in Agriculture and Natural Resources B

Advanced Studies in Agriculture and Natural Resources will provide students with the opportunity to explore topics in Domestic Animal Production, Animal Genetics and Reproduction, Soils and Plant Nutrition, Plant Culture and Propagation, and Agriculture Business and Marketing. Students will participate in the FFA Broiler Contest and will be raising and processing meat chickens in the first trimester. In the second trimester, students will be focusing on plant production and will be utilizing the greenhouse. Students will continue their membership and participation in the FFA. This course **MUST** be completed prior to student's enrollment in the upper level Agriscience courses.

**Food Science
Grades 11-12 0.5 Elective Credit 1 Semester**

Students will explore the food industry from perspectives such as processing, nutritional value, preservation, packaging, food safety, and careers. Instruction will emphasize an experiential approach toward the application of scientific principles in the food industry context. Students will work toward competition in the FFA Food Science competition. FFA membership is a required component of this course.

**Floral Design
Grades 11-12 0.5 Elective Credit 1 Semester**

Students will learn the basic principles of floral design. Students will be expected to learn the common and scientific names of common plant varieties along with the major principles and elements of design. Students will be creating floral pieces such as centerpieces, bouquets, and corsages. A portfolio will be kept as evidence of the student's skills and abilities. Students will work toward competing in the FFA Floral Skills Competition. FFA membership is a required component of this course.

**Small Animal Care and Management
Grades 11-12 0.5 Elective Credit 1 Semester**

This course will focus on the general care and management of small and companion animal species including, but not limited to cats, dogs, and rabbits. Students will learn the anatomy and physiology of these species along with safe handling practices. Students will have the opportunity to work with live animals at various times in the course. FFA membership is a required component of this course.

**Agriculture Issues and Communications
Grades 11-12 0.5 Elective Credit 1 Semester**

Through this course, students will be introduced to current issues in the Agriculture and

Natural Resources industry. Students will apply critical thinking and communication skills throughout this course as they research and present various aspects of the current issues. Students will be highly encouraged to compete in the Agriculture Issues FFA Leadership Competition. FFA membership is a required component of this course.

Agribusiness Management

Grades 11-12 0.5 Elective Credit 1 Semester

In this course students will learn business skills and apply economic principles to agricultural businesses. Students will be able to analyze agricultural business management information, apply economic principles and concepts of business management, evaluate business management decisions. Students will have the opportunity to compete in the FFA CDE named Farm Business Management.

Agriculture Finance and Leadership

Grades 11-12 0.5 Elective Credit 1 Semester

This course is designed to provide students with the opportunity to gain basic knowledge in business management and marketing as well as further develop the leadership potential of students. Students will explore topics including financial management, decision making, marketing and sales in an agricultural context. Students will apply leadership and communication skills throughout this course. FFA membership is a required component of this course.

Veterinary Science

Grades 11-12 0.5 Elective Credit 1 Semester

The focus of this course is to develop students' knowledge and skills pertaining to the identification, nutrition, reproduction, health, diseases, veterinary science, care and management of large animal livestock species including cattle, sheep, swine and poultry. This class has a lab component which corresponds with topics covered in class. Classroom and animal laboratory activities are an integral part of this program. Students will work with animals during this course. FFA membership is a required component of this course.

Botany

Grades 11-12 0.5 Elective Credit 1 Semester

This course will focus on Horticulture and the importance of plants in our society. Students will learn a general overview of botany with plant anatomy, classification, and physiology. Students will also investigate propagation, plant nutrition, pathogens, and pests. Students will be working with plants and soil in the greenhouse. Various methods of plant growth and production will also be explored. FFA membership is a required component of this course.

Agriculture Internship

Grades 11-12 0.5 Elective Credit 1 Semester

This course is designed to give students practical industry experience in an Agriculture Career. Internships can be paid or unpaid experiences and students must work with an adult. Students will keep accurate records of skills mastered and prepare a final report on their internship experiences. Students must also complete all required paperwork in a

timely manner. This course is designed for seniors and students must have their own, reliable transportation.

Environmental Science

Grades 11-12

0.5 Elective Credit

1 Semester

Students will explore natural resources with studies in forestry, wildlife, water and land use, as well as examining the correlation between agricultural production and the environment. Students may have the opportunity to apply the knowledge and skills gained through this course in an FFA Skills Competition. FFA membership is a required component of this course.

SOCIAL STUDIES

United States History/ Geography

Grade 9

1.0 Required Credit

2 Semesters

This two semester course will introduce students to the study of modern American history. It begins with a review unit on the foundations of our society and progresses through the 20th Century. Eras covered include the development of industrial, urban and global America (1870-1930), the Great Depression and World War II (1920-1945), postwar America (1945-1989) and the new global age (1989-present). This course also includes historical and geographic inquiry.

World History/Geography

Grade 10

1.0 Required Credit

2 Semesters

This two semester course will introduce students to the study of world civilizations. World History will cover events around the globe beginning around 500 AD and continuing through World War II and The Cold War. Countries and civilizations are studied, as well as the social development of various peoples, their philosophies, artistic, literary and scientific achievements. Integration of the geographic perspective, as well as historical decision and inquiry making will give the students the tools needed to analyze issues and problems.

Grade 10

1.0 Required Credit

2 Semesters

This two semester course will introduce students to the study of world civilizations. World History will cover events around the globe beginning around 200 AD and continuing through World War II and The Cold War. Countries and civilizations are studied, as well as the social development of various peoples, their philosophies and belief systems, artistic, literary and scientific achievements. Integration of the geographic perspective, as well as historical decision and inquiry making will give the students the tools needed to analyze issues and problems.

Civics

Grade 11

0.5 Required Credit

1 Semester

This one semester course will instruct students in the foundational principles of how American government functions. Students will learn about the origins of American democracy and read and discuss the importance of the Constitution and the role of federalism in the government. The structure and function of each of the branches of government will be discussed and analyzed at the national level. Additionally, state and local government as enumerated by the Constitution will also be studied within this course.

Economics

Grade 11

0.5 Required Credit

1 Semester

This one semester course will provide instruction in basic economic principles and the different economic systems in the world. Macroeconomics concepts such as supply and demand, fiscal and monetary policy in government, and the global economy and trade will be included. Microeconomics concepts will also be covered with units on personal finance, entrepreneurship, and various business models.

Beginning with the Class of 2028, successful completion of this course will also result in the awarding of .5 credit in Personal Finance, meeting the state's requirement for graduation.

Global Studies

Grade 12

0.5 Required Credit

1 Semester

This one semester course will provide students with an insight into the 5 Themes of Geography as it relates to the different regions of the world. Students will learn about different geographical features of each region as well as the economic, political, and cultural aspects. In addition, students will think critically about the major issues/conflicts that are currently happening globally.

Social Psychology

Grades 11-12

0.5 Elective Credit

1 Semester

Social Psychology is an introductory course that explores the genetic, environments and cultural psychological principles that affect one's ability to organize, use social information. Through scientific inquiry, this course will examine how social attitude, prejudice, bias and conformity affect one's understanding of intergroup, and interpersonal identity.

Psychology

Grades 11-12

0.5 Elective Credit

1 Semester

This course is an introduction to the science of psychology. Students will study the biological, cognitive, social and cultural influences on behavior, motivation and emotions.

Child Psychology

Grades 11-12

0.5 Elective Credit

1 Semester

In this course students will study social/emotional, cognitive, and physical influences on a child's development. In addition students will explore environmental and cultural influences.

History and Film 1

Grade 9-12

0.5 Elective Credit

1 Semester

This one semester course is designed for students to develop their understanding of important and meaningful historical events, ideas, and concepts as presented in films. Students will watch movies, which are either based on or inspired by true stories/events, and then conduct research and read articles that portray various time periods and topics related to the movies. The units that will be covered include Civil Rights, Justice, and Survival. Students will be responsible for reading, writing, and developing presentations about the various topics mentioned above.

History and Film 2

Grade 9-12

0.5 Elective Credit

1 Semester

This one semester course will instruct students to develop their understanding of important and meaningful historical events, ideas, and concepts as presented in films. Students will watch movies, which are either based on or inspired by true stories/events, and conduct research and read articles that portray various time periods and topics related to the movies. The units that will be covered include World War II, The Space Race, and The Cold War. Students will be responsible for reading, writing, and development presentations about the various topics mentioned above.

Michigan History Grade 9-12 0.5 Elective Credit 1 Semester

In this semester course students will study Michigan History starting from early Native American tribes and going into early explorers and the settlement of Michigan. Additionally, students will learn about the Michigan lumbering, mining, and fires era and finish the course by learning about different Michigan industries and major events that took place during the 20th century.

Information for Parents of Special Education Students

It will be important to keep in contact with your child's special education teacher regarding the progress of your child. At this time, all students must complete all courses outlined in the Michigan Merit Curriculum to receive a high school diploma. An Individual Education Plan (IEP) can provide accommodations that are outlined in the Michigan Merit Curriculum Guide on page 5. A student may need to take more than 4 years to complete required coursework for graduation, or seek a vocational certificate leading to a post-secondary program. Parents are strongly encouraged to attend IEP meetings and assist in the development of the Educational Development plan for their high school student. If you have any further questions regarding the high school graduation requirements, please make sure to contact your child's special education teacher.

SPECIAL EDUCATION

All classes in this department are offered by IEP only.

Academic Support

Grades 9-10-11-12 0.5 Credits 1 Semester

This course is offered in accordance with a student's IEP and is located in a special educator's classroom. Academic Support is designed to support IEP implementation, which includes study skills, transitional life skills, self-advocacy, goal and objective instruction, and course content reteaching.

Push-In Program/STARS

Grades 9-10-11-12

The Push-In Program/STARS is designed for inclusive classrooms. Students with disabilities are learning general education curriculum from a highly qualified, content specific general education teacher. The role of the special education teacher is to support student needs within that classroom/STARS. The special education teacher may provide services in multiple classrooms/STARS rooms within the same instructional period.

Functional ELA

Grades 9-10-11-12

The emphasis of this course is the development and improvement of ELA skills based on the Michigan Essential Elements Curriculum and students IEP Goals. Instruction in the areas of: reading comprehension, listening comprehension, decoding, sight word recognition, vocabulary, fluency, phonological awareness, written expression, and real life application of reading: reading of signs, menus, job applications, etc.

Functional Math

Grades 9-10-11-12

The emphasis of this course is the development and improvement of Math skills based on the Michigan Essential Elements Curriculum and students IEP Goals. Instruction in the areas of: Algebra, Data, Measurement, Geometry, Number sense, Money Math, Budgeting, Bills, Paychecks, Taxes, Recipes/Cooking, Interest Rates, Telling time, Coupons, and Purchases/Discounts.

Life Skills Readiness

Grades 9-10-11-12

The emphasis of this course is the development of Independent Living Skills through Time management, Household maintenance, Reading maps, Understanding Directions, Road orientation, Weather, Healthy Living, and Loans.

SPECIAL PROGRAMS

Testing out of a Class

In accordance with PA 335, students are afforded the opportunity to test out for credit of courses in which they feel they have acquired the requisite knowledge and skills. Testing out is neither a correspondence course nor a distance learning opportunity; it is the student's demonstration that his/her acquired knowledge meets the state's and school's required standards for completion of the course in question. As a result, students will be provided with general information about the course's content, but they will not be given specific study materials prior to the examination. The testing-out process requires interested students to complete the following steps:

1. Meet eligibility requirements.
2. Submit application during the announced application period.
3. Review course coverage/requirements/information from instructor or department.
4. Pass a comprehensive assessment as determined by the department.

Eligibility Requirements: Testing out of a course is not permitted if a student is currently enrolled in the course or if the student has previously failed the course. Students may not test out of AP Courses or any course which is lower in sequence than the course in which they are currently enrolled. Special education students may not test out of a course unless it is specified in the Individual Education Plan.

Applications for testing out of a course can be picked up in the office during the spring

semester for the following year and must be submitted during the official application period.

Course Information: Upon acceptance of their applications, students will be notified of the testing out process and date(s), provided the course learning objectives, and may be asked to complete a pre-assessment for screening purposes.

Testing Procedures: To successfully test out of a course, the applicant must complete a comprehensive assessment covering all course learning objectives. This may include multiple forms of assessment including, but not limited to, standard test questions (multiple choice, true/false, matching, identification, composition/essay) and/or other activities (paper, project, lab) determined by the department. A percentage score will be determined for each part of the assessment, and if multiple parts exist, the scores will be averaged to determine the final score; a final score of seventy-eight percent (78%) on the comprehensive assessment is required to successfully test out of a course. Credit earned by testing out of a course will be recorded on the transcript as “P” (pass). “P” grades are not used in the computation of grade point average. Students will be notified of their standing regarding credit or no credit awarded after the testing out period is complete and prior to the end of May.

Dual Enrollment

Dual enrollment permits high school grade students to take classes in both the high school and a college or university simultaneously (counts as elective credit on high school transcript). The purpose of this program is to provide a wider variety of options to high school students who demonstrate their readiness for success in college coursework, as determined by CHS. Eligible students may take certain classes at colleges and universities essentially paid for with a percentage of their student’s state funding. Scores must be at an acceptable level on the PSAT 10, PSAT, SAT, or ACT test, as well as meet other district and college/university guidelines (including college entrance exam), in order to be eligible for dual enrollment. Because CHS is on a trimester schedule, and most colleges/universities have semester schedules, dual enrollment must be a year-long commitment. If students have questions regarding dual enrollment, they should meet with their counselor.

Enhanced Dual Enrollment

Enhanced dual enrollment permits high school grade students to take online classes in both the high school and Delta College simultaneously (counts as elective credit on high school transcript). The purpose of this program is to provide a wider variety of options to high school students who demonstrate their readiness for success in college coursework, as determined by CHS. Eligible students may take certain Delta College online courses, during school hours, while on CHS campus. These courses will be paid for with a percentage of the student’s state funding. Scores must be at an acceptable level on the PSAT 10, PSAT, SAT, or ACT test, as well as meet other district and college/university guidelines (including college entrance exam), in order to be eligible for dual enrollment. Because CHS is on a trimester schedule, and most colleges/universities have semester schedules, dual enrollment must be a year-long commitment. If students have questions regarding dual enrollment, they should meet with their counselor.

Work Based Learning

Grades 11-12

Elective

Work based learning connects classroom instruction with paid work experience directly related to the student's career interest and goals. Students will earn academic credit while employed in the local community. The employment serves as a means of acquiring real work experience and gaining the skills necessary for the students chosen career pathway. A class that aligns with the students work based learning placement must be taken in the same academic year. Students must be employed for a minimum of ten hours per week. All employers must carry proper insurance to be considered. Students interested in this program should see their counselor at least one trimester before they would like to enroll to see if they are eligible.

Career Shadowing

Grades 11-12 Elective

Career shadowing is designed to provide students with career exploration opportunities. Students are placed in local businesses or organizations to interact and observe employees to learn more about the job/career. Students will have a full understanding of the work environment, education and/or training required to obtain a position, and what a day to day in the job/career would be like. Students are placed for one trimester. The placement would align with the students chosen career pathway and would receive academic credit upon program completion. Students interested in this program should see their counselor at least one trimester before they would like to enroll to see if they are eligible.

Saginaw Career Complex

Grades 11-12 Elective

2 credits will be earned per semester (4 for the entire year)

The Saginaw Career Complex is located in Saginaw and provides vocational training in many different areas. Most classes are 2-1/2 hours long. Students will attend this complex either in the morning or afternoon session as availability of scheduling allows and then attend the remainder of the school day at CHS. For more information, students should see their counselor. Courses available include:

Arts and Communications

Graphic Arts

Business Management, Marketing & Technology

Entrepreneurship Academy

Culinary & Hospitality Management

Information Technology & Cyber Security

Human Services

Careers in Education

Teacher Academy

Cosmetology

Law, Public Safety & Security

Natural Resources & Agriscience

Animal and Agricultural Science

Health Services

Medical Academy

Medical Careers

Nursing Occupations

Engineering, Manufacturing & Industrial Technology

Automotive Collision Repair & Refinishing

Building Construction

Engineering & Advanced Manufacturing Academy

Welding/Pipefitting Technology

Edgenuity

Grades 9-10-11-12 Credit Recovery

This is a computer based educational program to help students recover credits. If you have any questions, see your counselor.

Edgenuity-Core Class Options

Algebra IA

Algebra IB

Algebra IIA

Algebra IIB

Biology A

Biology B

Chemistry A

Chemistry B

Economics

ELA 10 A

ELA 10 B

ELA 11 A

ELA 11 B

ELA 12 A

ELA 12 B

Geometry A

Geometry B

Government Civics

Health

Physical Science A

Physical Science B

Physics A

Physics B

Spanish I A

Spanish I B

US History A

US History B

World History A

World History B

Edgenuity Elective Options

Art History

Career Exploration A
Career Exploration B
Career Planning
Computer Applications A - Office 2010
Computer Applications B - Office 2010
Earth Science
Environmental Science A
Environmental Science B
Financial Math A
Financial Math B
Health Science Concepts A
Health Science Concepts B
Healthy Living
Human Geography A
Human Geography B
Introduction to Art
Introduction to Communications and Speech A
Introduction to Communications and Speech B
Introduction to Art
Introduction to Health Science A
Introduction to Health Science B
Lifetime Fitness
Medical Terminology
Nursing Assistant A
Nursing Assistant B
Personal Finance
Personal Wellness A
Personal Wellness B
Pharmacy Technician A
Pharmacy Technician B
Psychology A
Psychology B
Sociology
Strategies for Academic Success

Online Learning

Grades 9-10-11-12

Students wishing to take courses online need to speak to the counselor regarding qualifications and course offerings. CHS uses Michigan Virtual University and Edgenuity as its online course providers at this time. Current online legislation is adhered to with regards to online course enrollment.