Essexville-Hampton Public Schools

GARBER HIGH SCHOOL CURRICULUM GUIDE
FOR THE 2016-2017 SCHOOL YEAR

THERE'S NO BETTER PLACE TO LEARN

State and National Exemplary High School 1986-1987

Essexville-Hampton Schools
213 Pine Street
Essexville, Michigan 48732
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FEBRUARY 2016

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GARBER HIGH SCHOOL

1986-87 Michigan & U.S. Department of Education Exemplary Secondary School

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Dear Garber/Cramer Student and Parent(s):

Enclosed is the 2016-2017 Garber High School Curriculum Guide for your use in helping your student choose his/her classes for the 2016-2017 school year. All of the information is important, especially the sections concerning **requirements for graduation**.

This Curriculum Guide includes a **Career Pathways** program. This involves students selecting a "Career Path" in the 8th grade and planning their academic course work and extracurricular activities around the area selected. Our goal is to aid students in **more thoughtful course selection** and in planning for the future.

In February, we will begin meeting with juniors, then sophomores, freshmen and 8th graders to determine the courses they wish to take next year. Students will bring home a **course request form** which requires a parent/guardian signature. This form **must be returned to counseling** as soon as possible. **Because these requests establish the schedule for next year, students will be expected to remain in the classes they have selected.**

We hope you will review the **Career Pathway information** provided in this guide and will help your son/daughter in this decision-making process. If your student needs to **make-up any courses**, plans for credit recovery need to be discussed at this time.

We want to help Garber students select the best **educational program possible** to prepare them for further educational training or for the job market. We look forward to an exciting 2016-2017 school year.

Sincerely,

Bill Harris
Counselor

Lisa Reynolds
Counselor

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CURRICULUM GUIDE FOR STUDENTS

This Curriculum Guide has been compiled to provide information for students and parents to aid them in planning a meaningful educational experience. The four years of education at Garber High School will greatly influence and determine what opportunities will be available for individual students in their future. We urge that serious consideration be given to your goals to develop a program of study for further education for your life's work.

In each of your high school years, certain courses shall be required and are designed especially to give you basic skills necessary to make a positive contribution to our society. You will have an opportunity to select courses from a wide range of other areas. Use your elective program wisely to explore and develop your own interests and prepare yourself to meet your individual goals for life.

Teachers and counselors will make recommendations for appropriate courses for individual students; however, **we do not encourage you to choose an easier level course.** You do have the right to enroll in a higher level class, contrary to teacher and/or counselor recommendations. This is your Curriculum Guide to aid you, your parents, and counselor, in planning a program appropriate for you. However, the major responsibility in developing an individualized program must come from you. We hope you will utilize the Guide to answer important questions such as:

1. **Will I fulfill the requirements for each year and graduation?**
2. **Will I fulfill the requirements necessary for employment at the end of high school or for further education?**
3. **Are my selected courses appropriate to best serve my interests and abilities?**

PHILOSOPHY OF GARBER HIGH SCHOOL

Believing that the educated citizen is an integral part of our democratic society, Garber High School takes as its major objectives the organization, fostering, and support of a program of education that will encourage and enable the young men and women of our community to attain an education commensurate with their abilities, aptitudes, and interests.

Our society is composed of individuals, with unique characteristics and with rights, privileges, and responsibilities defined by law and established by the community, Garber High School pledges itself to encourage and strengthen the concepts of individual dignity and integrity.

In order to provide educational opportunities that afford basic skills and information necessary for post secondary studies, entry into the work force, and the ability to be self-sufficient, the school will:

1. Offer a curriculum which includes as wide a range as possible of required and elective courses in academics, the fine arts, physical education and technical education, given the size of the student body.
2. Provide guidance activities including academic, career, and post secondary educational options, and aid the student in selecting a **CAREER PATHWAY**.
3. Offer life skills preparation with classes in industrial arts, life sciences, and business, through both the local school and the Intermediate School District (Career Center).
4. Provide follow-up studies to determine the effectiveness of the high school program and make revisions of the curriculum where necessary.

5. Develop a climate to encourage inquisitiveness, creativity, and student desire to improve academically.
6. Develop in the student an appreciation of the value of work and the ability to become economically independent.
7. Combine extracurricular activities, work experiences, job shadowing, and internships to allow students to have a variety of experiences which will expand their interests and enable them to make career decisions.
8. Provide a media center with a wide range of learning materials.
9. Strive to attract and retain a staff of qualified, competent personnel to provide an opportunity for professional growth and development.

It is, therefore, the commitment of Garber High School to support, develop, and maintain a program and facilities which will help the individual to become an educated, contributing member of society.

UNITS OF CREDIT

All courses in the curriculum are organized to give one-half (1/2) unit of credit for each semester of acceptable work (D- or better as the semester grade). Units of credit in the Michigan Merit Curriculum are based on content not duration of the class.

HOW GPA AND CLASS RANK ARE DETERMINED

Beginning with the Class of 2017, Garber High School will use a formula (See 2016-17 Handbook) based on the Grade Point Average and the SAT score for selecting the top ten students for top academic honors as well as valedictorian and salutatorian. At the end of the third marking period of their senior year, students with honor graduate status will have their GPA and highest SAT score calculated into a list utilizing the formula. (The SAT score used will be the score from Michigan Merit testing unless the student provides documentation of a higher score by the end of the third marking period of their senior year.) These students will be individually honored at the graduation ceremony. As in all other GPA calculations, there will be no rounding of GPA or points. **To determine graduation honors for seniors, rank is computed at the end of the third nine-week marking period:**

A	4.0	C	2.0
A-	3.7	C-	1.7
B+	3.3	D+	1.3
B	3.0	D	1.0
B-	2.7	D-	.7
C+	2.3	E	.0

Semester Grades are determined by the following weighting unless an alternative weighting is listed in the course syllabus after having administrative approval:

1st marking period of a semester	40% weight
2nd marking period of a semester	40% weight
Final Exam	20% weight

*Courses taken prior to high school that meet Michigan Merit Curriculum guidelines for state credit will be listed as a credit rather than a letter grade. They will not influence GPA or class rank.

***Due to the complexity of the Michigan Merit Law, policies and guidance will continue to evolve. This guide is intended for general guidance, but is subject to change as State policies change.**

Content Area:	Michigan Merit Curriculum(MMC) and Garber Requirements
Mathematics - (4 credits)	**4 Credits** Credits to Include: ▪ Algebra I 1 credit ▪ Geometry 1 credit ▪ Algebra II 1 credit ▪ 1 Additional Math or Math-Related class 1 credit ***Math must be taken during the senior year.**
English - Language Arts – (4 credits)	**4 Credits** Credits to Include: ▪ English 9 1 credit ▪ English 10 *(English 10H)* 1 credit ▪ English 11 *(English 11H)* 1 credit ▪ English 12 1 credit
Social Studies – (3 credits)	**3 Credits** Credits to Include: ▪ World History (including Geography) 1 credit (@ freshmen level) ▪ U.S. History (including Geography) 1 credit (@ sophomore level) ▪ Government/Civics .5 (semester) (@ Jr or Sr level) ▪ Economics .5 (semester) (@ Jr or Sr level)
Science –(3 credits) ****May fulfill 3rd science credit by completing an approved computer science program or approved CTE program, district approved science course or additional option allowed as 2nd credit.***	**3 Credits** Credits to Include: ▪ Biology 1 credit ▪ Physics, Chemistry, Anatomy or Ag. Science 1 credit ▪ Additional Science 1 credit
Health & Physical Education – (1.0 credit)	**1.0 Credit** Credits to Include: ▪ Physical Education .5 credit ▪ Current Health Practices .5 (semester)
Visual, Performing, and Applied Arts – (2 credits)	**2 Credits** Credits to Include: ▪ Speech .5 (semester) ▪ Additional Coursework in Visual, Performing or Applied Arts 1.5 credits
Technology – (.50 credits)	**.5 Credits** **(Plus online requirement)** Credits to Include: ▪ Global Tech OR Intro to Drafting .5 (semester) ▪ **Online Requirement** **20 contact hours**
Foreign Language – (2 credits*) ****2nd credit can be earned through completion of a department approved formal CTE program or an additional visual, performing and applied arts***	**2 Credits** Credits to Include: ▪ Spanish sequence or other as approved 2 credits
Total:	**Total units of required MMC classes: 19.5 Credits** **Total units of required Garber classes: 8.5 Credits** **Total credits required for graduation: 28 Credits**

ACADEMIC COURSE DESCRIPTIONS

NOTE: (**Y**) indicates a year long course; (**S**) indicates a semester long course.

********* ART DEPARTMENT *********

*Courses in this department meet the Michigan Merit Curriculum Art Requirement.

ART I (S) **PREREQUISITE: NONE**

Art I is the preferred prerequisite for all other art classes. Students learn the elements and principles of design and apply them to a variety of projects including drawing, painting, ceramics, and sculpture. Art I gives students experience in the use of tools, media, and design elements required for success in the high level art classes.

JEWELRY DESIGN (S) **PREREQUISITE: ART 1 PREFERRED**

Students will use design techniques to produce jewelry such as earrings, rings, bracelets, pendants, necklaces and small sculptures. Students will use a variety of media including wire, sheet metal, hemp, glass, plastic, wood, and cast metal.

ADVANCED JEWELRY (S) **PREREQUISITE: JEWELRY DESIGN**

Students will continue to increase their skill and knowledge of jewelry design by producing more advanced projects at a high level of craftsmanship. Emphasis is on creative problem solving, and excellent craftsmanship.

3-DIMENSIONAL DESIGN (S) **PREREQUISITE: ART 1 PREFERRED**

Students will use the elements and principles of design to produce 3-dimensional projects in a variety of media including clay

/ceramics, plaster, Styrofoam, paper, Mache, and wood.

ADVANCED 3-D DESIGN (S) **PREREQUISITE: 3-DIMENSIONAL DESIGN**

Students will continue to increase their skill and knowledge of 3-dimensional design in a variety of media. Emphasis is on creative problem solving and personal expression. Students will produce 3-5 major projects per marking period.

2-DIMENSIONAL DESIGN (S) **PREREQUISITE: ART 1 PREFERRED**

Students will use the elements and principles of design to increase their drawing skills in a variety of media including pencil, ink, pastel, charcoal, colored pencil, and scratchboard. Students will use the elements and principles of design to increase their painting skill in a variety of media including watercolor, tempera, ink, acrylic and watercolor pencil.

ADVANCED 2-D DESIGN (S) **PREREQUISITE: 2-DIMENSIONAL DESIGN**

Students will continue to increase drawing and painting skills in a variety of media. Emphasis is on creative problem solving and personal expression. Students will produce 3-5 major projects per marking period.

PORTFOLIO ART(S) **PREREQUISITE: INSTRUCTOR APPROVAL, ART 1, 2-D, 3-D**

Portfolio art is a guided studies studio art class in which students will build a portfolio (collection) of their artwork in a variety of media in both 2 and 3 dimensions. Students will produce 4 to 6 major works a semester, and include a written reflective statement with each project. Students will organize and display their portfolio at the end of the semester

******* BUSINESS/TECHNOLOGY DEPARTMENT *******

KEYBOARDING (S) **PREREQUISITE: NONE**

Keyboarding is a one semester course. Concepts include tabulation, business correspondence, report formats, business forms, and speed/accuracy development. This course is recommended to all students, regardless of whether or not they pursue a business program. This course may be taken for an applied art credit.

COMPUTER LITERACY (S) **PREREQUISITE: NONE**

This is a one-semester course that gives the student an understanding of computer hardware and software terminology, issues with computer ethics, privacy, and the Internet. It provides a "hands-on" learning experience with Microsoft Office and Google. Computer literacy may be taken for an applied art semester credit.

COMPUTER PROGRAMMING AND DESIGN(S) **PREREQUISITE: ALGEBRA 1**

This is a one-semester course that gives students opportunities to learn the basic control structures in computer programming including If-Then statements, While Loops, and For Loops. Students will also look at developing data structures and functions or methods to help supplement their programs. Programming environments will include TI-83/84 calculators, Scratch, and possibly Java. Students will learn the basics of digital media creation and manipulation. We will look at designing, developing, and maintaining websites, light graphic design and image manipulation, and possibly light video editing.

ACCOUNTING I (S,Y) **PREREQUISITE: NONE**

Accounting I is a full-year course. Accounting is the study of financial operations of businesses: how to record the operations, how to summarize operations, and how to make decisions about the operations. After learning the basic manual accounting procedures, the students have an introduction to microcomputer-oriented accounting. This course may be used to fulfill the 4th year math related credit in the merit curriculum provided a student has already passed Algebra II.

INTERNSHIP/SCHOOL-TO-WORK (S) **PREREQUISITE: JUNIOR/SENIOR**

Students are selected by application only and must be a junior or senior. This course is designed to allow students the opportunity for career exploration and/or to develop employability skills. This may be a paid or non-paid job placement involving one or two blocks of school release time, generally of one semester duration.

WORK-BASED LEARNING (S/Y) **PREREQUISITE: SENIOR**

Students are selected by application only. Job placement is in a field closely related to the preparation area of the student and the student must be enrolled in a related class at Garber. The Employer Agrees to (1) Comply with our non-discrimination policy, (2) complete an evaluation for each marking period, (3) Not terminate the student without consultation with the school coordinator, (4) provide a work schedule of sufficient length to develop competencies for the occupation. The student Agrees to (1) Follow the policies and procedures of the employer, (2) Complete assignments of the employer and the school coordinator, (3) Not quit the training program with-out the approval of the school coordinator.

********* COMMUNICATIONS DEPARTMENT *********

*Courses in this department meet the Michigan Merit Curriculum Fine Art Requirement.

DRAMA (S) **PREREQUISITE: NONE**

This is a one-semester elective course open to all grade levels. The class includes pantomime, acting, fundamentals of play production, technical theater, and a short unit on the history of theater. The primary goal of this course is to introduce the student to the basic fundamentals of drama as a per-forming art and to the primary technical aspects of the theater. In addition, the theater is placed within an historical perspective.

ACTING FOR THE STAGE (S) **PREREQUISITE: NONE**

This one- on the actor and the play. The actor uses improvisations, develops a character with the body, solves special semester course does not have a prerequisite, but DRAMA is strongly recommended. The course will concentrate problems (fighting, fainting, music, etc.), acts from the written word, and learns about make-up. Students learn about interpreting a play, developing a character, rehearsing, polishing and performing. It is possible the class may include a performance.

SPEECH (S) **PREREQUISITE: NONE**

This one-semester required course is open to all grade levels. The class includes verbal and nonverbal communication aspects; listening strategies, public speaking, and interviewing techniques. The primary goal of this course is to strengthen oral communication abilities, enabling students to effectively communicate in their daily lives.

********* ENGLISH DEPARTMENT *********

ENGLISH 9 (Y) **PREREQUISITE: NONE**

In this **required** course, each semester is divided into skills and literature with composition and vocabulary exercises in both. Sentence structure, usage, and punctuation skills are emphasized. A combination of materials in multiple genres as well as informational texts will be utilized to fulfill the requirements of the English Language Arts Common Core Curriculum.

ENGLISH 10 (Y) **PREREQUISITE: ENGLISH 9**

This course seeks to improve students' writing and reading skills through the examination of American literature and culture. Students will be expected to read many texts of varying genres, including novels, plays, poetry and short stories. They will be expected to respond to these readings through several modes of writing: essays, free-writes, poetry, etc. In addition, students will study various aspects of grammar and sentence structure, vocabulary and etymology. Outcomes and Objectives are based upon the English Language Arts Common Core Curriculum.

ENGLISH 10 HONORS (Y) **PREREQUISITE: TEACHER REC.**

This course seeks to improve students' writing and reading skills through the examination of American literature and culture. Students will be expected to read many texts of varying genres, including novels, plays, poetry and short stories. They will be expected to respond to these readings through several modes of writing: essays, free-writes, poetry, etc. In addition, students will study various aspects of grammar and sentence structure, vocabulary and etymology. Outcomes and Objectives are based upon the English Language Arts Common Core Curriculum. This course was designed to move more quickly through and delve more deeply into American literature and the writing process than the regular English 10 course offered at Garber. Students should be aware that the reading load is more intense than they have experienced in previous courses. **Students should expect to be challenged.** They will be required to develop their analytical and critical thinking skills in both cooperative and independent setting.

ENGLISH 11 (Y) **PREREQUISITE: ENGLISH 10**

As required by the English Language Arts Common Core Curriculum, this course seeks to meet the College and Career Readiness Anchor Standards in the following areas: reading, writing, speaking, listening, and language. In addition to regular grammar exercises, vocabulary lessons, and written compositions, this course also consists of classic and contemporary reading selections (with an emphasis on British literature) for mastery of the Common Core State Standards. This includes novels, plays, poetry, and informational texts.

ENGLISH 11 HONORS (Y) **PREREQUISITE: ENGLISH 10**

As required by the English Language Arts Common Core Curriculum, this course seeks to meet the College and Career Readiness Anchor Standards in the following areas: reading, writing, speaking, listening, and language. In addition to regular grammar exercises, vocabulary lessons, and written compositions, this course also consists of classic and contemporary reading selections (with an emphasis on British literature) for mastery of the Common Core State Standards. This includes novels, plays, poetry, and informational texts. This course is designed to be more rigorous than regular English 11. It also includes more in-depth literary analysis of the reading selections, focusing on the development of close and critical reading, writing, speaking, and listening skills (with an emphasis on transformational thinking).

ENGLISH 12(Y) **PREREQUISITE: ENGLISH 11**

As **required** by the English Language Arts Common Core Curriculum, this course uses classic and contemporary texts to develop critical thinking and leadership skills. The class includes practice in skills (grammar, punctuation, and usage), vocabulary and composition as well as analysis of informational text. Research elements and a formal research paper are included in this course.

ADVANCED PLACEMENT ENGLISH (Y) **PREREQUISITE: TEACHER REC.**

Taught at college level, this one-year course prepares students to take the College Board's Advanced Placement English Literature and Composition Examination, with the possibility of receiving college English credit or advanced standing as determined by the college of a student's choice. The course includes in-depth literary analysis of drama, novel, poetry, and short story. The reading selections are taken from lists recommended by the College Board. Student compositions, mainly based on prompts from previous AP tests, will develop skills in critical analysis.

********* FOREIGN LANGUAGES DEPARTMENT *********

(Two years of a foreign language are required, see page 3 for option to replace 2nd credit)

SPANISH I (Y) **PREREQUISITE: NONE**

In this year-long class, students acquire the basic vocabulary necessary to greet others, order food, make purchases, and understand directions in Spanish. They also learn how to describe themselves, their families, their homes and their activities. They learn where in the world Spanish is spoken and how the lives of the people in those countries are similar to and different from their own. Students also learn how Spanish can help them right here in the United States. A wide variety of activities including games, skits, stories, music and movies to help the students learn to read, write, understand and speak in Spanish. The computer lab is used regularly to explore authentic Spanish-language materials on the Internet and to practice Spanish vocabulary and grammar with on-line games and activities.

SPANISH II (Y) **PREREQUISITE: SPANISH I**

In the second year, students continue to acquire basic vocabulary as they learn how to plan a vacation, get a hotel room, and talk about the weather in Spanish. They also learn how to describe people and things and to talk about their daily routines including what they do at home and at school. Regular activities include games, speaking with a partner, acting out stories, reading easy novels, and using the Internet. Students have the opportunity to compete in dance, song, skits, displays and interpretive readings a Central Michigan University's annual foreign language day. By the end of this year, students are able to understand a great deal of spoken and written Spanish. Their ability to speak and write continues to improve and students find that they know enough to get their point across in many situations. At least once during the year, students will participate in restaurant day where they prepare and eat an authentic meal using only Spanish.

SPANISH III (Y) **PREREQUISITE: SPANISH II**

Students review and expand on some of the topics and grammar structures learned in the first two years. Now they are able to go beyond basic statements of fact into sharing their thoughts and opinions on a variety of topics. Units of study include relationships, fashion, education, careers, the environment, food, and leisure activities. Students are able to speak in paragraphs and are expected to use Spanish in the classroom whenever possible. Classroom conversations, videos, music, games, and computer activities are a regular part of the class. Cultural readings, magazine articles, short stories and several short novels are read. Once again, students have the chance to participate in foreign language day at Central Michigan University. At least once during the year, students will participate in "restaurant day" where they prepare and eat an authentic meal using only Spanish.

SPANISH IV (Y) **PREREQUISITE: SPANISH III**

In their final year at Garber, students are expected to speak mainly in Spanish. Daily classroom conversations, literature selections, and advanced grammar study give students the base they need to be successful in a college foreign language class. If scheduling permits, students have the opportunity to teach a few lessons to our elementary students. Once again students have the chance to participate in foreign language day at Central Michigan University. At least once during the year, students will participate in a cultural day where they prepare and eat an authentic meal using only Spanish. Students will also read some of the masterpieces of literature.

********* INDUSTRIAL & TECHNOLOGY *********
EDUCATION DEPARTMENT

*Courses in this department meet the Michigan Merit Curriculum Applied Art Requirement.

POWER TECHNOLOGY (S) **PREREQUISITE: NONE**

This one semester course is designed to introduce the student to basic mechanical and electrical power systems. In mechanical power systems, the students will study the internal combustion engine and disassemble and reassemble a small gas 4 stroke cycle engines as well as learn about 2 stroke cycle engine theory.

POWER TECHNOLOGY II (S) **PREREQUISITE: POWER TECH I**

This is a one-semester course in which students will first study and work on two-Stroke Cycle small engines. Following the two-stroke engine unit, students will study topics related to automotive care and maintenance. In electrical systems, students will learn about A.C. and D.C. electric power, series/parallel circuits and basic circuit components.

GLOBAL TECHNOLOGY I (S) **PREREQUISITE: NONE**

This course **OR** Introduction to Drafting is required and will expose the student to a wide range of technologies used throughout the world and fulfill the 20 hour online requirement in the Michigan merit curriculum. The student will rotate through a series of 10-15 hours of modules dedicated to various types of technologies such as electronics, computer graphics, plastics, computer aided drafting, computerized numerical control, structural design, aerodynamics, satellite communications, etc. and in addition to modules students will be given various design problems to solve. The students will learn both the theory and application of these technologies as well as information regarding careers in these fields of study.

ADVANCED GLOBAL TECHNOLOGY (S) **PREREQUISITE: GLOBAL TECHNOLOGY I**

This class is designed to be a fun and exciting, yet educational experience. Students will apply basic scientific principles while making such things as airplanes, race cars, robotic arms, battle bots, boats, etc. The entire class is activity-based where the bulk of the time will be spent making something that will accomplish a given task. Students may also be exposed to the world of web page design as well.

INTRO TO DRAFTING (S) **PREREQUISITE: NONE**

This course OR Global Technology is required and designed to introduce the student to the field of drafting and fulfill the 20 hour online requirement in the Michigan merit curriculum. The student will complete drawings in the following areas, orthographic projection, pictorial drawing, sections, and size description. The course is aimed at students wanting to explore the field of drafting and design as well as students wanting to explore Auto-Cad but who first need to have some drafting background.

INTRO TO AUTO CAD (S) **PREREQUISTE: INTRO TO DRAFTING OR TEACHER REC.**

In this one semester course students will be introduced to Auto Cad and its applications as a drafting and design tool. Students will learn the basics of computer Aided Drafting as well as how to prepare drawings designed to cover additional drafting concepts and will add depth to their knowledge of topics covered in Intro to Drafting.

AUTO CAD/DRAFTING II, III, IV(Y) **PREREQUISITE: INTRO TO AUTO CAD**

This series of one year courses is designed to give the student more in-depth knowledge and drafting skills in both mechanical and architectural drafting. Students will study more advanced topics as well as prepare drawings using Auto Cad and traditional skills. Students in Auto CAD II, III, and IV will be on a specialized schedule based on their chosen discipline (mechanical or architectural). If both Chemistry2 and 3 and Physics 2 and 3 are taken then one of the two semester courses may be used to fulfill the 4th year math related credit in the merit curriculum provided a student has already passed Algebra II.

METALS I, II, III, IV (FALL/WINTER SEMESTER) (S) **PREREQUISTE: NONE**

This course is designed to expose students to Metal Working Technology. Students will learn about various metals and their common and unique properties. Students will complete required exercises and projects in precision measuring, bench metal work, sheet metal, basic machining and welding. This course may be used to fulfill the 4th year math related credit in the merit curriculum provided a student has already passed Algebra

II.

WOODS I, II, III, IV (FALL/WINTER SEMESTER) (S) **PREREQUISTE: NONE**
In this one semester course, students will learn how to use modern woodworking tools, safely and efficiently. Students must pass safety tests on all required power tools. Students will complete lab exercises as well as a project of their own choosing. This course may be used to fulfill the 4th year math related credit in the merit curriculum provided a student has already passed Algebra II.

********* LIFE SKILLS DEPARTMENT *********

NUTRITION(S) **PREREQUISITE: NONE**
Topics in this elective course include the food-supply chain, essential nutrients, food group recommendations, Nutrition Facts labels, and basic kitchen skills. The study and understanding of the science of nutrition based upon the most recent guidelines and the relationship between a quality healthy lifestyle is further emphasized by using the lab to provide practical application of these principles.

CAREER READINESS(S, Y) **PREREQUISITE: NONE**
This class is designed to help students plan their future. The format is hands on and covers a variety of the following topics: obtaining post-secondary training (college, the military, etc.,) completing employment forms, preparing a portfolio, interviewing skills, finding success at work, understanding employer expectations, leaving a job on a positive note, dealing with self-evaluation, and reviewing and planning a personal career pathway. Test preparation including ACT test prep, Work Keys, essay writing and informational reading may be covered.

EDGENUITY/ E2020 (S, Y) **PREREQUISITE: ADMINISTRATIVE APPROVAL**
This course allows students to recover credit in the areas of English, Science, Math, Social Studies, Business and electives in the area of Fine Arts. Students work individually using a computer for interactive instruction that includes video lectures from a master teacher. Work is self-paced and credit is based on successful completion of the module rather than at the completion of the semester or year. The student will have credit appear on their report card rather than receive a letter grade. Please see your counselor for more information.

INTRODUCTIONTO EDUCATION(S,Y) **PREREQUISITE: JR OR SR & ADMIN. APP.**
Topics in this elective course include tasks such as outlining a teacher's day, classroom layout, establishing rules and procedures for effective classroom management, lesson-planning, and student assessment. Time spent in a host teacher's classroom will provide opportunities to directly observe teaching as a profession through student assistance with activities including individual or group tutoring, creation of classroom visuals and manipulatives, and assistance with lesson preparation and instruction. All Introduction to Education students will be responsible for preparing a lesson on a specific topic, presenting it to the host teacher's students, assessing student learning, and reflecting on the lesson planning process.

MULTI MEDIA(Y)/YEARBOOK **PREREQUISITE: JUNIOR/SENIOR STATUS**
This two semester course will instruct students in the care and use of digital equipment, the essential properties of how computers work in general and specific operations regarding a variety of media. Students will work in and out of print, video, software and viral mediums to present their findings for each project. The class will be project intensive and may require after school attendance at games, events, dances, etc. The successful student must be able to work cooperatively with others to complete tasks which may include (but not limited to) web page design, yearbook design, video announcements and the layout of the school's newspaper.

******** MATH DEPARTMENT *********

PRE-ALGEBRA (Y) **PREREQUISITE: NONE / TEACHER RECOMMENDATION**

This two semester course can be used as math credits toward graduation. The main focus of Pre-Algebra is to strengthen skills in preparation for Algebra 1. The basic computational skills for real integers, fractions and decimals are covered. Topics may include: solving equations and inequalities, exponents, ratios, proportions, percents and algebraic skills connected to geometry.

ALGEBRA I (Y) **PREREQUISITE: TEACHER RECOMMENDATION**

This is a two semester course that will cover the Algebra I component of the Michigan Merit Curriculum. Topics include: algebraic expressions, solving, writing, and graphing equations and inequalities, problem solving, and probability. Also covered in this course are systems of equations, quadratic formulas and properties of exponents.

GEOMETRY (Y) **PREREQUISITE: ALG I**

This is a two semester course that will cover the Geometry component of the Michigan Merit Curriculum. The goals of geometry are to develop understanding and basic structure of plain and solid geometry. This class will build the students capacity for spatial visualization, develop geometric language, use and strengthen algebraic skills, and increase clear and creative thinking.

ALGEBRA II (Y) **PREREQUISITE: ALG I/GEOMETRY**

This is a two semester course that will cover the Algebra II component of the Michigan Merit Curriculum. Topics include linear, quadratic, polynomial, rational, power, exponential, logarithmic and trigonometric functions; calculations of real and complex numbers; probability and statistics; and arithmetic and geometric sequences.

STATISTICS/PROBABILITY/DATA ANALYSIS (S) **PREREQUISITE: GEOMETRY & COUNSELOR RECOMMENDATION**

This one semester course can be used as a math credit toward graduation. Topics covered include collecting and analyzing data, conducting mathematical studies, measuring probability, recognizing patterns, making estimates and other practical applications of math.

PRE-CALCULUS (Y) **PREREQUISITE: ALG II (C+)**

This is a two semester course that will cover topics in preparation for Advanced Placement Calculus. The class will spend a great deal of time studying many different types of functions with some emphasis on techniques used in graphing. Topics covered include linear systems, basic methods of differentiation, rational functions, radical functions, exponential functions, logarithmic functions, right triangle Trigonometry, non-right triangle Trigonometry, and polar graphs.

ADVANCED PLACEMENT CALCULUS (Y)
PREREQUISITE: PRE CALC (C+)

This is a two semester course that covers the curriculum as decided by the AP College Board. The first semester will focus largely on understanding and finding limits, and techniques for differentiation. The second semester will focus on techniques for integration. The course prepares students to take the CEEB Advanced Placement Mathematics

********** MUSIC DEPARTMENT **********

*Courses in this department meet the Michigan Merit Curriculum Fine Art Requirement.

GARBER SINGERS (Y) **PREREQUISITE: NONE**

Garber Singers is a vocal music elective class which provides students with the opportunity for training in musical skills, knowledge, and experience. Through this group, students participate in musical opportunities which foster growth, musical understanding, and improved vocal technique. This class is open to all students in grades 9-12, but is primarily for freshmen and sophomores. Students are expected to attend all scheduled rehearsals and concerts. Concerts include but not limited to Holiday Show-Off, MSVMA District and State Choral Festival and a Spring Concert. Optional participation in MSVMA Solo & Ensemble is available to all students.

VARSITY CHOIR (Y) **PREREQUISITE: GARBER SINGERS/AUDITION**

Varsity Choir is a performance-oriented choral organization comprised of students in grades 11-12 with previous musical skills and performance experience. Music from a variety of styles will be studied and performed. The expansion of the individual singer's knowledge of music literature, history, vocal production, performance, as well as development of musical taste and literacy are primary objectives of instruction. A placement audition is required prior to enrollment in the class. Students are expected to attend all scheduled rehearsals and concerts. Concerts include but not limited to Holiday Show-Off, MSVMA District and State Choral Festival and a Spring Concert. Optional participation in MSVMA Solo & Ensemble is available to all students.

MARCHING/CONCERT BAND (Y) **PREREQUISITE: NONE**

The Concert Band is comprised of freshmen and sophomores, and performs all different forms of band music. It is also part of the marching band in the fall. During the course of the year, students will work toward specific performances and concerts. Additionally, the students will learn about music theory and history as they prepare for these performances.

MARCHING/SYMPHONIC BAND (Y) **PREREQUISITE: JR/SR**

This band is comprised of juniors and seniors. It is also part of the marching band in the fall. This group will perform more advanced music and will work toward specific concerts throughout the year. Like the Concert Band, the students will learn about music theory and history as they prepare for these performances.

GARBER JAZZ EXPRESS (Y)
PREREQUISITE: MEMBER OF A CONCERT BAND AND AUDITION IF NECESSARY

The jazz band is a zero-hour course, meaning that it meets before class, four mornings per week. The group works on learning about and performing the various styles of jazz music, including swing, be-bop, Latin, and funk. Members of the band will also work on jazz theory and improvisation. All members of the group must be in a concert band unless they are playing bass, guitar, or piano.

*********PHYSICAL EDUCATION & HEALTH DEPARTMENT*********

PHYSICAL EDUCATION I (S,Y) **PREREQUISITE: NONE**

This **required** course for 9th grade students includes a variety of individual and team sports. Emphasis is placed upon the development of skills to enable the students to be successful participants. Examples of activities offered may include weightlifting, swimming, gymnastics, bowling, tennis, soccer, and many other sports activities. This class is based primarily on a daily participation grade which includes both attitude and effort.

CURRENT HEALTH PRACTICES (S,Y) **PREREQUISITE: NONE**

This is a one-semester **required** course which will include the following topic areas: violence prevention, nutrition education, alcohol, tobacco and drug education, non-communicable diseases, communicable diseases, and reproduction units.

PHYSICAL EDUCATION II (S,Y) **PREREQUISITE: PE I PREFERRED**

This elective course allows students to choose from a wide variety of sports and activities. There may be an opportunity for field trips each semester. This would involve an extra fee for students. Tournament play may be set up for various sports. This class is for the student who loves a wide variety of sports or competitive activity.

CONDITIONING (S,Y) **PREREQUISITE: PE I PREFERRED**

This full block course will allow for the student to work at a variety of aspects of conditioning including strength training, cardiovascular exercise, plyometric training, and an overview and understanding of muscle anatomy. This class is for the individual to develop themselves both mentally and physically and will be based on daily participation and overall effort put forth.

********* SCIENCE DEPARTMENT *********

REFER TO CHART ON PAGE 3 FOR SCIENCE OPTIONS

PHYSICAL SCIENCE (Y) **PREREQUISITE: NONE**

This class involves the topics of matter, motion, forces, electricity, magnetism, and energy. Study will include laboratory experience and basic mathematical operations. This course meets the requirement for the 3rd Science class in the Michigan Merit Curriculum.

ENVIRONMENTAL EARTH SCIENCE (Y) **PREREQUISITE: NONE**

Topics address environmental issues and fundamental concepts of Earth Science. Units covered include the Earth's air and water, the Earth's crust, the Earth's resources, and relevant environmental issues. Study will include laboratory experience.

BIOLOGY (Y) **PREREQUISITE: FRESHMAN-TEACHER REC.**

Topics examined will include cell biology, cell division, genetics, ecology, and taxonomy. Laboratory activities are an integral part of this course. This course meets the requirement for the Michigan Merit Curriculum.

HUMAN ANATOMY AND PHYSIOLOGY (Y) **PREREQUISITE: BIOLOGY**

Topics address the in-depth study of the structure and function of the human body systems through reading, lecture, and laboratory experience. This course meets the requirement for the Michigan Merit Curriculum.

CHEMISTRY 1 (Y) **PREREQUISITE**: **BIOLOGY**

Topics include the in-depth study of atomic and molecular structure, the periodic table, atomic theory, equilibrium, kinetics, states of matter, acids-bases, oxidation-reduction, energy, families of elements, common chemical changes, and naming chemical compounds. Study will include advanced mathematical calculations and laboratory experience. This course meets the requirement for the Michigan Merit Curriculum.

****PHYSICS 1 (Y)** **PREREQUISITE: NONE**

This class involves an in-depth study of physics related concepts for all students. Students will study mechanics and many forms of energy as well as basic electricity facts, waves, and applications of light and sound. Study will include laboratory experience. This course meets the requirement for the Michigan Merit Curriculum.

****PHYSICS 2 (Y)** **PREREQUISITE**: Physics 1 **or** Students need to be concurrently enrolled in Algebra 2 with a C+ or better in geometry **or** completion of Alg. 2 prior to enrolling is recommended.

Physics is the organized study of the fundamental laws of nature. Emphasis is placed upon the advanced mathematical study of these laws with laboratory experience for each topic. Topics may include motion, kinetic theory, vectors, energy, power, electricity, momentum, waves, light, and nuclear energy. Study will include laboratory experience.

ADVANCED PLACEMENT CHEMISTRY (Y) **PREREQUISITE: C OR BETTER IN CHEMISTRY**

This one-year college level course prepares the student to take the Advanced Placement test offered by the College Board or the CLEP test at college of choice. The content of this course is that of a chemistry course with college level texts and lab manuals.

******** SOCIAL STUDIES DEPARTMENT *********

WORLD HISTORY AND GEOGRAPHY(Y) **PREREQUISITE: NONE**

This **required** course in World History and Geography seeks to foster citizens who actively and systematically investigate the world and its relationships. The study of world history and geography requires students to develop important questions, conduct inquiry, evaluate and develop historical arguments and brings together the physical and human dimensions of the world in the study of people, places, and environments. Students will analyze ways in which people interacted with one another in political, social, and economic ways. Students will identify achievements in art, architecture, literature, philosophy and invention, and assess their impact on society. World history is important for students in the 21st century, because of the role the past plays in shaping the present.

UNITED STATES HISTORY AND GEOGRAPHY (Y) PREREQUISITE: SOPHOMORE+

This **required** course in history and geography is vital and essential for citizens in a democratic society such as the United States. History and geography help us understand the origins, development, growth and challenges of our institutions and our culture. These disciplines help to locate ourselves in both time and space and thus help us think about who we are and about our possible futures. The study of history and geography of the US prepares us to take up the challenges of life in contemporary society by helping us see the common and diverse strands that formed and continue to shape our life while developing the habits of mind essential for democratic citizenship.

PSYCHOLOGY (S) PREREQUISITE: SOPH +

This is a one semester elective class in psychology which will focus on the roots of human behavior as seen from the standpoint of the natural sciences. It will cover such topics as learning theory, memory, personality theories, human relations and biology of behavior. This is a class designed mainly for juniors and seniors.

INTRO TO SOCIOLOGY (S) PREREQUISITE: SOPH +

Sociology is the study of social life, social change, and the social causes and consequences of human behavior. Instructional materials will emphasize topics such as, but not limited to: culture; social roles, relationships, and groups; social inequalities affecting poverty, race, gender, and crime; social continuity and change; conformity and deviance; transitions between adolescence and adulthood; and social institutions like the family. Discussions will center on relevant contemporary topics supported by sociological theory and scientific evidence.

ADVANCED PLACEMENT US HISTORY (Y) PREREQUISITE: TEACHER RECOMMENDATION

A course, taught at the college level, prepares the student to take the College Board Advanced Placement U.S. History Examination. Chronologically, the course covers American History from the Pre-Columbian Era up to the recent times. Emphasis will be placed upon using primary sources and documents in the study of history. This course is encouraged for students seeking a four year college degree. May be taken in place of United States History.

GOVERNMENT (S) PREREQUISITE: JUNIOR

This is a **required** course. Topics included in the course are: the electoral process, federalism and limited government. Separation of powers is addressed with a concentration on each of the three branches of government at the federal level and with comparisons and differences in the state and local process. The impact of interest groups, political parties and bureaucracy on the political process are studied.

WORLD STUDIES (S) PREREQUISITE: JUNIOR+

The major thrust of this elective course is to make students more aware of the world beyond their local community and nation. Significant regions of the world will be studied. Each region's history, geography, culture, and current events will be studied with highest priority given to the areas of the world of most current significance.

ECONOMICS (S) PREREQUISITE: JUNIOR

This **required** course focuses on aspects of microeconomics and macroeconomics including the free market, money supply, factors of production price fluctuation, business cycle fluctuations and the laws of supply and demand are covered. Comparisons are made between free enterprise and other economics systems in our global economy. Theoretical learning is enhanced by the experience of Junior Achievement consultants. Students will also participate in a stock market simulation and compile a budget project.

*********SPECIAL EDUCATION DEPARTMENT*********

COMMUNITY BASED INSTRUCTION **PREREQUISITE – SOPH. + AND TEACHER REC.**
This class is designed for students to experience a variety of jobs and the skills needed to perform these jobs. Students will be placed on actual job sites throughout the community based upon interests and aptitudes. Student performance will be monitored and evaluated by the coordinator and the community site manager.

BASIC ED. BIOLOGY **PREREQUISITE: NONE**
The topics examined in this course will include cell biology, cell division, genetics, ecology, and taxonomy. This course meets the full requirement for biology in the Michigan Merit Curriculum.

BASIC ED. MATH **PREREQUISITE: NONE**
This class will focus on core math content. Pre-algebra, Algebra, and Geometry concepts will be covered at an individualized pace. Functional skills necessary for daily living including time, money, and measurement will be incorporated based on individual needs.

BASIC ED. ALGEBRA I **PREREQUISITE: NONE**
This course will cover the Algebra I component of the Michigan Merit Curriculum. Topics include: algebraic expressions, solving and graphing equations and inequalities, problem solving, and probability and statistics. Pacing will vary per student based on IEP goals, so completion of the course will occur upon mastery of content and may take multiple semesters.

BASIC ED. GEOMETRY **PREREQUISITE: BE ALGEBRA**
This course will cover the geometry component of the Michigan Merit Curriculum. The goals of geometry are to develop understanding and basic structure of plain and solid geometry, to develop capacity for spatial visualization, to develop precise geometric language, to use and strengthen algebraic skills, and to experience satisfaction that comes from clear and creative thinking. Pacing will vary per student based on IEP goals, so completion of the course will occur upon mastery of content and may take multiple semesters.

BASIC ED. ENGLISH **PREREQUISITE: NONE**
This is a year-long course which covers concepts related to reading comprehension and composition. Students will work from a variety of texts to develop a greater understanding of themselves and others through literature. Vocabulary, grammar, and critical analysis will also be covered.

********SEMINARS/ENRICHMENT ELECTIVES********

SEMINARS **PREREQUISITE: NONE**
The primary intent of the seminars is to provide tutoring/mentoring assistance to students. Students may also take seminars for advanced study, completing independent projects, etc

BAY-ARENAC ISD CAREER CENTER
COURSE DESCRIPTIONS

Note: Career Center courses may be approved for academic credit in Math, English, Science and 2nd year of Foreign Language if a schedule conflict exists or a student needs credit recovery in those areas. This must have counselor approval.

ARTS AND COMMUNICATIONS PATHWAY

X145 X146 GRAPHICS & PRINTING COMMUNICATIONS I AND II X245 X246 2 YEARS

This program is designed for students interested in the graphics and printing industry such as Computer Graphics, Printing, Photography, Graphic Design, Screen Printing and Illustration. Students will create and produce the award winning magazine, *THE INSIDER*. Other projects include designing calendars, CD-Rom covers, ad campaigns and more. Second year students will learn how to create web pages, animation & video. College credit may be earned. Student Club: Skills USA VICA (Vocational Industrial Clubs of America)

BUSINESS, MANAGEMENT, MARKETING & TECHNOLOGY PATHWAY

X198 X199 BUSINESS ESSENTIALS & TECHNOLOGY (FORMERLY KNOWN AS BIP) X298 X299 2 YEARS

Students are offered advanced office technology in the career fields of Administrative Office Professional, Multimedia Specialist, and Medical & Legal Office Professional. Students have the opportunity to be certified in an authorized testing center. Certifications may be earned in Microsoft Word, Access, PowerPoint, Excel and Vista. This curriculum can benefit students in any career area. Students may earn college credit. Student Club: BPA (Business Professionals of America)

X180 X181 EMERGING TECHNOLOGY – COMPUTERS, MULTIMEDIA & SOFTWARE X280 X281 2 YEARS

Students have the opportunity to become certified specialists in several computer and networking fields. Students can focus on Computer Repair/Networking. Some of the skills taught are: Installing Cable, Configuring Routers and Switches, Network Administration, Network & Computer Diagnostics, etc. Students who focus on Web Application will learn skills such as Java, Basic and C Visual Programming, SQL Programming, Flash, Dream weaver, etc. Seven certifications and college credit may be earned in this program. Student Club: BPA (Business Professionals of America)

X125 X127 CULINARY ARTS, TOURISM & HOSPITALITY MANAGEMENT X225 X227 2 YEARS

This program offers students practical hands-on experiences and training in a variety of food production and service areas. The state-of-the-art, award winning *BLOOMING CHEFS RESTAURANT*, located in the Center, is open to the public and offers table and banquet service. Students may earn Serve Safe and Pro-Start certifications as well as college credit. .Student Club: Skills USA VICA (Vocational Industrial Clubs of America)

X192 X193 MARKETING & MANAGEMENT X292 X293 2 YEARS

This program is for students interested in owning or running a business. The course focuses on effective use of promotional tools such as social networking. Students will work with area business people to apply classroom instruction, create displays to promote activities and events, and participate in community service activities and fundraisers. Leadership development, team skills, professionalism and effective oral and written communication skills prepare marketing students for a

variety of careers in marketing. Student Club: DECA (an association of marketing students)

HEALTH SCIENCES PATHWAY

X134 X234 FORENSIC SCIENCE 1 YEAR
Forensic Science is a program that allows students to discover the scientific answers to questions involving mysterious circumstances, medical or legal issues. Program features include a state-of-the-art forensic lab, use of investigative tools, DNA testing, toxicology, chemistry, ballistics, medical and physical science applications, chemical handling and contamination procedures.

X136 X236 PHYSICAL THERAPY, OCCUPATIONAL THERAPY & SPORTS MEDICINE 1YEAR
Students will learn how the body heals after injury or illness with the assistance of rehabilitative services. Program features include a specially equipped rehabilitation facility, basic patient care, therapeutic program development, rehabilitative equipment training, and patient management.

X130 X230 VETERINARY SCIENCE 1 YEAR
In the Veterinary Science program a Doctor of Veterinary Medicine will provide instruction to students while they learn about science through the medical and surgical treatment of animals. Program features include an operating veterinary clinic with kennels, an exam and prep area, a surgical procedure operating room, animal care and handling, vital signs and nursing skills, and principals of surgical nursing.

X191 X291 DENTAL OCCUPATIONS 1 YEAR
Dental Occupations is a one year program that offers training in all aspects of the dental profession. The program prepares students to work in a professional and competent manner with individuals of all ages. Students experience the challenge of working in the Career Center Dental Clinic and on work experience in area offices or dental labs. College credit and certifications may be earned. Student Club: HOSA (Health Occupations Students of America)

X194 X195 HEALTH TECHNOLOGY/MEDICAL SCIENCE I AND II
X294 X295 2 YEARS
The classroom for the program is located at Bay Medical Center and has been designed for the highly motivated academic student interested in pursuing a career in a medical profession. Teaching is a team approach with community professionals sharing their expertise. Students have the opportunity to participate in six mentorships. Examples are: Physical Therapy, Pharmacy, Veterinary Medicine and Speech Pathology. A second year of study is available for students wishing to pursue an in-depth study of a specific health care field. College credit and certifications may be earned. Student Club: HOSA (Health Occupations Students of America)

X108 NURSING ASSISTANT
X208 1 YEAR
This is an advanced academic program for the motivated student who is interested in pursuing a career in nursing or other allied health careers. This program provides students with the skills necessary for a smooth transition from high school to college. Students may earn college credits in the LPN/ RN programs or other related health programs at both Delta College and Davenport University. Student Club: HOSA (Health Occupations Students of America)

HUMAN SERVICES PATHWAY

X123 EARLY CHILDHOOD & EDUCATION X223 1 YEAR

Elementary Schools: Teaching is a team approach with community professionals. Students learn how to create a safe, comfortable environment in which children can grow and learn. This program is unique in that students are able to further develop these skills in the Career Center's licensed pre-school. Students experience working and observing in the Career Center Preschool, Community Pre-schools, Day Care Centers and sharing their expertise. Students work towards their Child Development Associate Certificate which is nationally recognized. College credit and certification may be earned. Student Club: Skills USA VICA (Vocational Industrial Clubs of America)

X233 COSMETOLOGY (Seniors Only) 1YEAR

This course is designed to prepare students for the state cosmetology examination and licensing process. Cosmetologists provide beauty services such a caring for the hair, beautifying the face and grooming hands and nails. The clinical salon lab environment provides a real world, hands-on training with customers and establishes clientele. Licensing and college credit may be earned. (NOTE: This course requires full-time attendance during the summer between the junior and senior year). Student Club: Skills USA VICA (Vocational Industrial Clubs of America)

X155 LAW ENFORCEMENT/CRIMINAL JUSTICE X255 1 YEAR

This program offers training in all aspects of the criminal justice profession. Students will have an opportunity to learn first hand the technical skills needed for Fingerprinting and Photography, Collecting Physical Evidence, Basic Police Functions, the Court System, the Bill of Rights/Amendments and the Corrections System. Students have the opportunity to participate in a work experience with various criminal justice organizations during the second semester. Interesting guest speakers and field trips provide first hand knowledge. College credit and certifications may be earned. Student Club: Skills USA VICA (Vocational Industrial Clubs of America)

MANUFACTURING & INDUSTRIAL TECHNOLOGY PATHWAY

X105 X107 COLLISION REPAIR & CUSTOM PAINTING X205 X207 2 YEARS

Students will develop the hands-on skills necessary to repair damaged vehicles along with painting and refinishing. The Career Center has a large auto body repair shop that has all of the tools and equipment found in most independent body shops and dealerships. Students have the opportunity to tour area body shops as well as hear guest speakers with the latest information on collision repair. The Unitized Structural Body Repair Michigan Certification is offered. College credit may be earned. Student Club: Skills USA VICA (Vocational Industrial Clubs of America)

X111 X113 AUTO MECHANICS X211 X213 2 YEARS

Students have the opportunity to learn the skills necessary to take the Michigan Motor Vehicle Mechanics Competency Tests. The large service area has up to date equipment that would be found in many dealerships or independent garages. Students will work on newer, donated vehicles to develop their skills. Field trips and guest speakers help to make the program interesting and up to date. Students will also develop their skills in local businesses on mentorship's and internships. The program has been nationally certified through ASE. College credit and certifications may be earned. Student Club: Skills USA VICA (Vocational Industrial Clubs of America)

X117 X119 BUILDING TRADES I & II X217
X219 2 YEARS

During the first year, students learn the basic skills of residential home construction. Exciting projects are centered on units in Carpentry, Masonry and Electrical Wiring. During the second year students apply their skills while building a residential home in the community. Mentorship's and internships at area businesses expose students to the work place environment. Apprenticeships are also an option. College credit may be earned. Student Club: Skills USA VICA (Vocational Industrial Clubs of America)

X177 X179 ELECTRONICS/ROBOTICS
X277 X279 2 YEARS

Students in this program have the opportunity to learn about Electricity, Computers, Solid State and Digital Electronics, Robotics and Automation as well as communication electronics. Hands-on skills as well as high technology and scientific knowledge make electronics one of the most interesting and exciting career areas. Students will work on projects such as building and programming a robot as well as building a radio receiver. College credit may be earned. Student Club: Skills USA VICA (Vocational Industrial Clubs of America)

X171 X173 ENGINEERING/DRAFTING X271
X273 2 YEARS

Drafters prepare technical drawings to build industrial machinery and other manufactured products. Mechanical drafters draw detailed working diagrams of machinery and mechanical devices, including dimensions, tolerances, finishes and other engineering information. Students learn through hands-on experiences, group activities, field trips and lectures. Students work with other Career Center pro-grams to design and build projects. College credit may be earned. Student Club: Skills USA VICA (Vocational Industrial Clubs of America)

X151 X153 HEATING, AIR CONDITIONING AND REFRIGERATION X251
X253 2 YEARS

Student in this program specialize in installation, maintenance and repair. Many technicians perform both installation and service on all types of heating and cooling equipment. Students have the opportunity to work with the Building Trades program on the project house and with Habitat for Humanity. Students install gas lines, fabricate and install ductwork and complete heating and air conditioning systems. Students are prepared and tested for EPA Certification. With a satisfactory score, the student receives Federal Refrigerant Handling Certification. College credit may be earned. Student Club: Skills USA VICA (Vocational Industrial Clubs of America)

X165 X167 PRECISION MACHINING
X265 X267 2 YEARS

Students learn how to set up and operate various metal-working machines and construct projects from engineering drawings. Machinists use machine tools such as lathes, drill presses and milling machines to produce precision, machined parts. Students also have hands-on opportunities with the latest high tech advancements in computerized machinery such as Computer Numerical Control (CNC). Students may earn certification through the National Institute of Metal Working Skills. Apprenticeships as well as college credit are possible. Student Club: Skills USA VICA (Vocational Industrial Clubs of America)

X183 X184 SMALL ENGINE REPAIR X283
X284 2 YEARS

Chain saws and garden equipment are just a few of the gasoline powered engines that are used in everyday life. Students have the opportunity to take apart, reassemble and operate several different kinds of engines while working as a part of a team. Students also assist in the operation of an in-class repair shop. They also have the opportunity for mentorship's, internships and full and part-time jobs. Customer service skills including sales are also taught. Students have the opportunity to receive a certificate for successful completion of the computerized Part Smart Program. Michigan Motorcycle Repair Certification is offered. Student Club: Skills USA VICA (Vocational Industrial Clubs of America)

X187 X189 WELDING X287
X289 2 YEARS

Students are prepared for a variety of jobs in the metal fabrication industry. Along with training in various types of welding and cutting processes, the student receives instruction in the use of industrial equipment. Students have the opportunity to design and build special projects that are used in the community such as the River of Lights displays. Field trips, mentorship's and internships expose students to the workplace. Students may take the AWS (American Welding Society) certification test at Delta College. College credit may be earned. Student Club: Skills USA VICA (Vocational Industrial Clubs of America)

NATURAL RESOURCES & AGRISCIENCE PATHWAY

X161 X163 AGRISCIENCE X261
X263 2 YEARS

This program is designed for students to explore the exciting field of today's agriscience careers, including Environmental Technology, Indoor and Outdoor Plantscaping, Plant and Animal Sciences, Pest Management, Biotechnology and Floral Design. The program has a new fully operational green-house. Students have the opportunity for field trips, interesting guest speakers, mentorship's and internships. Pesticide Applicator Certification is offered. College credit may be earned. Student Club: National FFA (Future Farmers of America)

RECOMMENDED COURSE OF STUDY FOR ADMISSION TO A FOUR YEAR COLLEGE*

ENGLISH:	Four credits are required, **recommend AP English.**
FOREIGN LANGUAGE:	Two credits in a language are recommended, three or four credits in a single language are strongly recommended.
MATHEMATICS:	Four credits are strongly recommended, including algebra, geometry, Algebra II, pre-calculus, AP Calculus, and AP Computer Science.
SCIENCE:	Three or four credits are strongly recommended, including one credit of biology, physics or chemistry or AP Chemistry.
THE SOCIAL SCIENCES:	Three or four credits are recommended, including AP History.
ELECTIVES:	Fine and applied arts are required (combined 2.0 credits)

***Any athletes seriously considering playing at the college level need to check the following website for course requirements:** www.ncaaclearinghouse.org

CAREER PATHWAYS PLANNING INFORMATION

Arts and Communication

For those students interested in the careers listed below:

Advertising agent/Commercial artist
Architect/Interior Designer
Fashion design/Graphics Designer
Journalist/Reporter/Photographer
Language (interpreter, signing, etc.)
Musician (vocal, instrumental, music therapy)
Printing/Public Relations
Theater performance/TV/Radio
Stage Technician
Web Designer

9th Core Courses	Electives	Experience/Activity
English 9	Spanish I	Portfolio/Career Exploration
Biology	Nutrition	Foreign Language
World History	Drama/Acting	Newspaper staff
Geometry	Seminar	Community Service
Geometry Fund.	Garber Singers	Theatre productions
Current Health	Band	Forensics
PE	Industrial Technology Classes	Competitions
Global Technology	Computer Literacy	

10th Core Courses	Electives	Experience/Activity
Next appropriate level of English	Drama/Acting Seminar	Job Shadow (Career Exploration)
Next appropriate math course, Algebra II	Art Classes	Career Center Visitation
	Garber Singers	Campus Visits (individual appts.)
U.S. History	Intro to Drafting/Auto CAD	Portfolio additions/
	Symphonic Band	Career Exploration
Biology, Earth Science, Physical Science, Chemistry, Anatomy	Spanish ll Broadcast/Media	Theatre productions Forensics

11th Core Courses	Electives	Experience/Activity
Next Appropriate English Course	AP Computer Science	Campus visits (individual appts.)
	Drama/Acting	Rotarians Job Shadowing
	Art Courses	Portfolio additions/
	Advanced Global Technology	Career Exploration
Speech	Psychology	Theater productions
Government, Economics	Auto CAD (II, III and IV)	Yearbook
Geometry, Algebra ll	Computer Literacy	Forensics
Pre-calculus (advanced, AP Calculus)	Symphonic Band	Community Service
Seminar	Varsity Choir	Internships
Anatomy, Chemistry (advanced, AP Chemistry), Physics	Spanish III Speech	Broadcast/Media

Career Center Options

Graphics/Printing

12th Core Courses	Electives	Experience/Activity
Next Appropriate English Course	AP Computer Science	Campus Visits (individual appts.)
	Drama/Acting	Co-OP
	Art Courses	Internships
Algebra ll,	Psychology	Rotarians' Job Shadow
Pre-calculus, AP Calculus	Auto CAD/Drafting (II, III)	Theater productions
	Computer Literacy	Forensics
Anatomy, Chemistry,	Seminar	Newspaper
AP Chemistry, Physics	Seminar	Community Service Portfolio additions/
Government, Economics,	Symphonic Band	Career Exploration
	Spanish IV	Foreign Language
	Varsity Choir	Competitions
	Speech	Broadcast/Media

Career Center Options

Graphic Arts
Computer Networking
Computer Literacy

Business, Management, Marketing and Technology

For those students interested in the careers listed below:

Accountant
Auto Sales
Banker/Broker
Computer
Technician
Systems Analyst
Programmer
Financial Analyst/Entrepreneurship
Food Service Manager (Hotel Management)
Insurance Agent
Medical Transcriptionist
Office/Technical Professional
Pharmaceutical Sales
Real Estate Agent
Retail Sales
Small Business Owner
Travel Agent

9th Core Courses	Electives	Experience/Activity
English 9	Spanish I	Portfolio/Career Exploration
Biology	Drama/Acting	Newspaper staff
World History	Seminar	Community Service
Algebra I, Algebra Fund. I/II/III,	Art Classes	Forensics
Geometry, Geometry Fund.	Garber Singers	Foreign Language

PE
Global Technology
Current Health

Band
Industrial Technology Classes
Computer Literacy
Nutrition

Computers/Multimedia
Competitions
Business Classes

10th Core Courses
Next Appropriate English Course

Next appropriate Math Course,
Algebra II

U.S. History

Biology, Earth Science, Physical
Science, Chemistry, Anatomy

Electives
Marketing with Math
Computer Literacy
Keyboarding
Nutrition I
Accounting 1
Forensics Seminar
Drama
Spanish ll

Experience/Activity
Job Shadow
(Career Exploration)
Career Center Visitation
Campus Visits (individual appts.)
Community Service
Portfolio additions/
Career Exploration
Newspaper Staff
Forensics
Robotics

11th Core Courses
Next Appropriate English Course
Government, Economics
Speech

Geometry, Algebra ll,
Precalculus (advanced, AP Calculus)

Anatomy, Chemistry
AP Chemistry, Physics

Electives
Spanish III
Computer Literacy
Spanish III
Keyboarding
Nutrition I
Accounting I
Drama
Psychology

Experience/Activity
Rotarians' Job Shadow
Portfolio additions/
Career Exploration
Campus Visits (Individual appts.)
Community Service
Internships
Forensics
Newspaper Staff
Robotics

Career Center Options

Business Info Processing
Marketing/Management
Commercial Foods
Computer Networking

12th Core Courses
Next Appropriate English Course

Algebra ll,
Precalculus, AP Calculus

Anatomy, Chemistry
AP Chemistry, Physics

Government, Economics,
Speech

Electives
Marketing with Math
Computer Literacy
Keyboarding
Nutrition I
Accounting I
Spanish IV
Drama
Psychology

Business Info Processing
Commercial Foods

Computer Networking

Experience/Activity
Co-op
Rotarians' Job Shadow
Internships
Campus Visits (individual appts.)
Portfolio additions/
Career Exploration
Community Service
Newspaper Staff
Robotics

Marketing/Management

Science, Engineering Manufacturing and Industrial Technology

For those students interested in the careers below:

Aerospace Engineer
Home Entertainment Repairer
Chemical Engineer
Industrial Engineer
Civil Engineer
Mechanical Engineer
Medical Equipment Technician
Machine Repairer
Plastics Engineer /
Rubber Technologist/Chemist
Transportation Specialist

Electrical Engineer
Auto body repair/technician /design
Aircraft Pilot
Manufacturing Technology
Civil Engineer
Computer Hardware Technician
Construction trades (builder, carpenter, Office electrician, plumber, roofer, dry wall installer)
Draftsman (CAD)

9th Core Courses	**Electives**	**Experience/Activity**
English 9	Spanish I	Portfolio/Career Exploration
Biology	Drama/Acting	Robotics
World History	Music Seminar	Industrial Tech. Competitions
Algebra I	Art Classes	Community Service
Geometry	Garber Singers	Theatre/Set Const.
	Band	Foreign Language
PE	Industrial Technology Classes	Science Olympiad
Global Technology	Computer Literacy	
Current Health	Nutrition	

10th Core Courses	**Electives**	**Experience/Activity**
Next Appropriate English Course	Intro to AutoCAD	Robotics
	Global Technology	Career Center Visitation
	Intro to Drafting	Campus Visits (individual appts.)
	Auto CAD	Job Shadow
	Computer Literacy	Community Service
Next Appropriate Math Course,	Drawing	Portfolio additions/
Algebra ll	Keyboarding	Career Exploration
	Power Technology (I) (II)	Robotics
U.S. History	Art I	
Biology, Earth Science, Physical	Spanish ll	
Science, Chemistry, Anatomy	Advanced Drawing	
	Woodworking	

11th Core Courses	**Electives**	**Experience/Activity**
Next Appropriate English Course,	Power Technology (I) (II)	Rotarians' Job Shadow
	Intro to Drafting	Internships
	Auto CAD/Drafting (I, II or III)	Community Service
	Intro to Auto CAD	Campus Visits (individual appts.)
Geometry, Algebra ll,	Computer Literacy	Portfolio additions/
Precalculus (advanced, AP Calculus)	Drawing	Career Exploration

Keyboarding
Robotics

Anatomy, Chemistry, (Advanced, AP Chemistry), Physics

Art I
Spanish III
Woodworking

Government, Economics,
Speech

Career Center Options

Auto Body Repair
Auto Mechanics
Building Trades
Electronics
Engineering/Drafting
Heating, Air, Refrigeration
Machine Trades
Small Engine Repair
Truck Mechanics
Welding
Computer Net/Technologies

12th Core Courses

Next Appropriate English Course

Algebra II,
Pre-calculus, AP Calculus
Power Technology (I) (II)

Anatomy, Chemistry, AP Chemistry, Physics,

Government, Economics, World

Speech

Electives

Manufacturing Technology I
Auto CAD/Drafting (II, III)
Intro to Auto CAD
Computer Literacy
Drawing/Advanced Drawing
Keyboarding
Art I
Spanish IV
Woodworking

Experience/Activities

Rotarians' Job Shadow
Co-op
Community Service
Campus Visits (individual appts.)
Portfolio additions/
Career Exploration
Robotics

Career Center Options

Auto Body Repair
Auto Mechanics
Building Trades
Electronics
Engineering/Drafting
Heating, Air, Refrigeration
Machine Trades
Small Engine Repair
Truck Mechanics
Welding
Computer Net/Technologies

Health Sciences

For those students interested in the careers listed below:

Allied Health Provider
Athletic Trainer
Chiropractor
Dentist (Hygienist)
Dietitian
EMT
Hospital Technician
Medical Lab Technician
Respiratory Therapist
Nursing (Certified, R.N.)
Occupational Therapist (Asst.)
Optometrist
Physical Therapist (Asst.)
Physician (Physician's Asst.)
Surgical Technician
Veterinarian (Tech, Aid)
X-ray Technician/Radiologist

9th Core Courses	**Electives**	**Experience/Activity**
English 9	Spanish I	Portfolio/Career Exploration
Biology	Drama/Acting	Foreign Language
World History	Seminar	Science Olympiad
Algebra I	Art Classes	Community Service Geometry
	Garber Singers	
	Band	
PE	Industrial Technology Classes	
Global Technology	Computer Literacy	
Current Health	Nutrition	

10th Core Courses	**Electives**	**Experience/Activity**
Next Appropriate English Course	Nutrition I	Delta College
	Accounting I	Campus Visits (individual appts.)
	Computer Literacy	Medical Explorers
		Portfolio additions/ Conditioning
	Spanish PE II	Career Exploration
		Community Service
Next Appropriate Math Course, Algebra ll		Career Center Visitation
		Job Shadow
U.S. History		Health Science Camp,
Biology, Earth Science, Physical Science, Chemistry, Anatomy		

11th Core Courses	**Electives**	**Experience/Activity**
Next Appropriate English Course, Government, Economics	Nutrition I	Rotarians' Job Shadow
	Conditioning	Community Service
Speech	Computer Literacy	Campus Visits (individual appts.)
	Spanish III	Internships
Geometry, Algebra II	Psychology	Portfolio additions/
Pre-calculus (advanced, AP Calculus)	Accounting I	Career Exploration
AP Chemistry, Physics		Medical Explorers
Anatomy Chemistry		

Career Center Options

Dental Occupations
Health Technology
Nursing Asst. / Health Careers
Forensic Science
Veterinary Science
Physical Therapy, Occupational Therapy and Sports Medicine

12th Core Courses

Next Appropriate English Course

Government, Economics

Speech
Algebra II
Precalculus, AP Calculus

Anatomy, Chemistry
AP Chemistry, Physics

Electives

Nutrition I
Psychology
Computer Literacy
Marketing/Math
Spanish IV
Accounting I

Experience/Activity

Rotarians' Job Shadow
Community Service
Campus Visits (individual appts.)
Co-op
Portfolio additions/
Career Exploration
Internships
Medical Explorers

Career Center Options

Dental Occupations
Health Technology
Nursing Asst. / Health Careers
Forensic Science
Veterinary Science
PT, OT and Sports Medicine

Human Services

For those students interested in the careers below:

Chef
Child Care Worker / Nanny
Cosmetologist
Counselor
Elementary Teacher/Special Education
Flight Attendant
Firefighter
Hotel Management
Judge
Event Planner
Law Enforcement Officer
Lawyer
Military Professions
Politician
Probation Officer
Psychologist
Recreational Therapist/Play Therapist
Secondary Teacher
Social Worker

9th Core Courses	Electives	Experience/Activity
English 9	Spanish I	Portfolio/Career exploration
Biology	Drama/Acting	Foreign Language
World History	Nutrition	Newspaper staff
Algebra I	Art Classes	Community Service
Geometry	Garber Singers	Theatre production
Current Health	Band	
PE	Industrial Technology Classes	
Global Technology	Computer Literacy	

10th Core Courses	Electives	Experience/Activity
Next Appropriate English Course	Nutrition I	Job Shadow
	Drama/ Acting	Theater productions
	Art I	Campus Visits (individual appts.)
	Drawing	Portfolio additions/
	Conditioning	Career Exploration
	Garber Singers	Community Service
Next Appropriate Math Course,	Symphonic Band	Career Center
Algebra ll	Computer Literacy	Forensics
	Advanced Drawing	Newspaper Staff
U.S. History	Spanish II	

Biology, Earth Science, Physical Science, Chemistry I, Anatomy, PE II

11th Core Courses	Electives	Experience/Activity
Next Appropriate English Course,	Nutrition I	Rotarians Job Shadow
	Drama/Acting	Yearbook
	Art I	Newspaper
	Art Classes	Campus Visits (individual appts.)
Geometry, Algebra ll,	Varsity Choir	Internships
Precalculus (advanced, AP Calculus)	Symphonic Band	Portfolio additions/
	Computer Literacy	Career Exploration
	Psychology	Community Service
Anatomy, Chemistry,	Spanish III	Forensics
AP Chemistry, Physics		Theatre Productions
Government, Economics,		
PE ll/Speech	**Career Center Options**	
	Early Childhood	
	Commercial Foods	
	Law Enforcement	

12th Core Courses	Electives	Experience/Activity
Next Appropriate English Course	Nutrition I	Rotarians' Job Shadow
	Drama/Acting	Co-op
AP English	Art Classes	Internships
	Varsity Choir	Campus Visits (individual appts.)
Algebra ll	Symphonic Band	Portfolio additions/
Precalculus, AP Calculus	Computer Literacy	Career Exploration
Anatomy, Chemistry	Intro. to Elementary Education	Community Service
	Spanish IV or French IV	Forensics
AP Chemistry, Physics	Psychology Yearbook	Theatre Productions
Government, Economics	Speech	Speech

Career Center Options
Early Childhood
Cosmetology
Commercial Foods
Law Enforcement

Natural Resources/Environmental Science

For those students interested in the careers listed below:

Agricultural Extension Agent
Aquatics Scientist
Biologist
Chemist
Conservationist/Forester
Environmental Scientist
Chemical Technologist
Horticulturist
Landscape Architect
Marine Biologist (Engineer)
Meteorologist
Physicist
Water Treatment Plant Technician

9th Core Courses
English 9
Biology
World History
Algebra I
Geometry

PE
Global Technology
Current Health

Electives
Spanish I
Drama/Acting

Art Classes
Garber Singers
Band
Industrial Technology Classes
Computer Literacy
Nutrition

Experience/Activity
Portfolio/Career Exploration
Science Olympiad
Newspaper staff
Community Service
Foreign Language

10th Core Courses
Next Appropriate English Course,

Next Appropriate Math Course
Algebra ll

U.S. History
Biology, Earth Science, Physical Science, Chemistry, Anatomy

Electives
Intro to Drafting/Auto CAD
Computer Literacy
Art Classes
Auto CAD/Drafting I (II)
Spanish ll

Experience/Activity
Job Shadow
Science Olympiad
Campus Visits (individual appts.)
Portfolio additions/Career Exploration
Community Service
Career Center Visitation

11th Core Courses

Next Appropriate English Course,

Geometry, Algebra ll,
Precalculus (advanced, AP Calculus)

Anatomy, Chemistry, Government,
Economics,
AP Chemistry, Physics
Speech

Electives
Intro to Drafting
Computer Literacy

Drawing/Painting
Art Courses
Auto CAD/Drafting (II, III)
Spanish III

Experience/Activity
Rotarians' Job Shadow
Internship
Campus Visits (individual appts.)
Portfolio additions/
Career Exploration
Community Service
Science Olympiad

Career Center Options

AgriScience/Horticulture

12th Core Courses
Next Appropriate English Course

Algebra ll,
Precalculus, AP Calculus
Anatomy, Chemistry
AP Chemistry, Physics

Government, Economics

Speech

Electives
Intro to Drafting/Auto CAD
Computer Literacy

Spanish IV

Art Courses
Auto CAD/Drafting (II, III)
AgriScience/Horticulture

Experience/Activity
Rotarians' Job Shadow
Science Olympiad

Campus Visits (individual appts.)

Portfolio additions/
Career Exploration
Internship
Community Service

Co-op

The Personal Curriculum

A Tool for Modifying the Michigan Merit Curriculum **Michigan Merit Curriculum (MMC)**

Subject Area Credit Requirements	Personal Curriculum (PC) Modifications (Sequence and delivery up to district; support courses can count for credit regardless of year)
4 English Language Arts (ELA) Credits • 1 credit in 9th, 10th, 11th, and 12th grade • All credits aligned to state content expectations	✓ Modifications allowed for students with an Individualized Education program (IEP) or transfer students who have completed 2 years of high school
4 Mathematics Credits • 3 credits aligned with the required state content expectations (i.e., Geometry, Algebra I, and Algebra II) • 1 math or math–related credit required in the final year which could include any of the credits described above or may be an additional district credit not aligned with state content expectations • Note: Students may earn 2 math credits for Algebra II when the credit is earned over 2 years, or 1.5 credits over 1.5 years, without requesting a personal curriculum	✓ Complete at least 3.5 math/math-related credits ✓ Enrolls in a state approved CTE program where the student successfully completes the same content as the Algebra II benchmarks assessed on state assessment ✓ 1 credit of Algebra II may be modified to ½ credit (one semester) Algebra II ✓ Successfully completes ½ credit (1 semester) of statistics, functions, and data analysis or technical mathematics ✓ Additional modifications allowed for students with an IEP or transfer students who have completed 2 years of high school
3 Science Credits • 1 Biology credit required • 2nd credit of either Chemistry, Physics, Anatomy, or Agricultural Science • May fulfill 3rd science credit by completing an approved computer science program or state approved CTE program, district approved science course or additional option allowable as 2nd credit • All credits aligned to state content expectations	✓ Modifications allowed for students with an IEP or transfer students who have completed 2 years of high school
3 Social Studies Credits • ½ Civics credit required • ½ Economics credit • 1 U.S. History and Geography credit • 1 World History and Geography credit • All credits aligned to state content expectations	✓ No modification of Civics ✓ Minimum successful completion of 2 social studies credits prior to modification ✓ 1 social studies credit (other than Civics) can be exchanged for an additional English language arts, math, science, or world languages credit OR 1 social studies credit (other than Civics) can be fulfilled by completing a state approved CTE program ✓ Additional modifications allowed for students with an IEP or transfer students who have completed 2 years of high school
1 Physical Education and Health Credit • ½ credit in health • ½ credit in PE or district approved participation in extracurricular athletics or activities involving physical activity • Credit must align to state guidelines	✓ Credit can be exchanged for an additional English language arts, math, science, or world languages credit ✓ Modify the health and PE credit requirements if student must do so to complete a state approved CTE program ✓ Additional modifications allowed for students with an IEP and transfer students who have completed 2 years of high school
1 Visual, Performing, and Applied Arts Credit • Credit must align to state guidelines	✓ Credit can be exchanged for an additional English language arts, math, science, or world languages credit ✓ Modify the arts credit requirement if student must do so to complete a state approved CTE program ✓ Additional modifications allowed for students with an IEP or transfer students who have completed 2 years of high school
2 World Language Credits (Begins with Class of 2016) • Completion during grades K-12 of 2 credits of a foreign language that are grade appropriate or an equivalent learning experience • Students graduating in 2016-2020 may substitute 1 credit if they successfully complete a state approved CTE program or VPAA credit • Credits must align to state guidelines	✓ Modifications allowed for students with an IEP or transfer students who have completed 2 years of high school
Online Learning Experience • Online course, learning experience, or experience is incorporated into one or more required credits	✓ Modifications allowed for students with an IEP or transfer students who have completed 2 years of high school

Personal Curriculum Guidelines / June 2010, MDE

MASTERY TESTING

The Essexville-Hampton Board of Education acknowledges that some pupils may have acquired knowledge or skills at levels that would allow them to demonstrate a reasonable degree of mastery without taking specified courses. Further, Sections 1278 (a) (4) (c) and 1279b of the School Code of Michigan have been amended to allow them to demonstrate such mastery, either through written papers, projects, portfolios, or other comparable forms. It is the intent of the board to extend to all pupils the opportunity to demonstrate mastery in the range of courses offered at Garber High School and to allow for the most efficient and effective use of instructional time.

The following policy statements apply:

1. This policy will apply equally to all students at Garber High School.

2. The board shall grant high school credit in any course to a pupil enrolled in Garber High School, but who is not enrolled in the course, who has exhibited a reasonable level of mastery of the subject matter of the course by attaining a grade of not less than C+ in a final exam in the course, or, if there is no final exam, by exhibiting that mastery through the basic assessment used in the course which may consist of a portfolio, performance, paper, project, or presentation.
3. **No grade may be earned by testing out of a course; the notation "Credit" will apply.**

4. Credits earned through this provision will count toward graduation and will count toward specific subject requirements.

5. The student and his/her parents will be required to apply for mastery testing and sign a statement acknowledging their compliance with state and district requirements.

6. Application forms can be picked up in the Garber Counseling Office and must be submitted to the Garber Counseling Office for approval.

7. Tests will be administered within a two week period of time prior to the start of each semester.

EARLY GRADUATION

The Board of Education recognizes that certain students have pursued an accelerated program which allows them to complete their graduation requirements earlier than an eight semester program.

The Board will allow students who have completed their graduation requirements at the end of their sixth or seventh semester at Garber to be considered for early graduation. Early graduation is not recommended for students since there is more to the development of a student than completing coursework. The Board also recognizes that factors such as maturity, development of interpersonal relations and the like should also be considered before a student requests this option.

The Superintendent has established the necessary administrative guidelines to ensure that the early graduation policy is in accordance with State regulations and is properly communicated to both the students and their parents. The Superintendent has also established guidelines and procedures for the establishing of class rank and participation in commencement exercises.

Application forms can be picked up in the Garber Counseling Office.

DUAL ENROLLMENT

The Board of Education recognizes the value to the students and to the Essexville District for students to participate in programs offered by accredited colleges, universities, and post-secondary institutions in Michigan.
Dual Enrollment is a program which can extend educational learning options for students who qualify to take courses at a post-secondary institution while attending grades nine through twelve in high school.
In order for a course to qualify for Dual Enrollment the following conditions must apply:

- The course must be offered for post-secondary credit.
- The course offered by an eligible postsecondary institution must not be offered by Garber High School including Advance Placement and online courses.
- If the course is offered by Garber but the district has determined that the course is not available to the eligible pupil because of a scheduling conflict beyond the eligible pupil's control then the course is eligible.
- The course offered by a postsecondary CTE program is offered for postsecondary credit or is part of a noncredit occupational training program leading to an industry-recognized credential that is not offered through the school district, intermediate school district, area vocational-technical education program or state approved nonpublic school in which the eligible pupil is enrolled.

Courses that are a hobby, craft, recreational or a course that is in the areas of physical education, theology, divinity, or religious education, are not eligible for Dual Enrollment. If a course is equivalent to an AP course offered at Garber then the equivalent college course is not eligible.

Per State of Michigan law the Essexville-Hampton District will pay for:
(i) Not more than 10 courses overall.
(ii) If the eligible pupil first enrolls in a course when the eligible pupil is in grade 9, not more than 2 courses during each academic year in the eligible pupil's first, second, or third academic year of enrollment under this act in an eligible postsecondary institution and not more than 4 courses during the academic year in the eligible pupil's fourth academic year of enrollment in an eligible postsecondary institution.
(iii)If the eligible pupil first enrolls in a course when the eligible pupil is in grade 10, not more than 2 courses during the academic year in the eligible pupil's first academic year of enrollment in an eligible postsecondary institution, not more than 4 courses during the academic year in the eligible pupil's second academic year of enrollment in an eligible postsecondary institution, and not more than 4 courses during the academic year in the eligible pupil's third academic year of enrollment in an eligible postsecondary institution.
Subject to the overall course limit under subparagraph (i), if the eligible pupil first enrolls in a course under this act when the eligible pupil is in grade 11 or 12, not more than 6 courses during either of those academic years of enrollment in an eligible postsecondary institution.

State law requires that all school districts pay a pupil’s tuition and mandatory course fees, including technology fees, materials fees (including textbooks), registration fees, and any late fees charged by the postsecondary institution. Beginning in the 2012-13 school year, eligible pupils enrolling in a postsecondary course for high school credit, college credit, or both, shall have the costs of required textbooks paid for by the school district if the amount of foundational money generated for the course is great enough to cover the expense. Eligible charges do not include transportation, parking costs, or most activity fees.

However, under the law, the total amount of tuition and fee support shall not exceed either of the following:

- The total amount of the tuition and fees for the course(s)
- The statewide pupil-weighted average foundation allowance, adjusted for the proportion of the

school year that the pupil attends the postsecondary institution
Ex. - The statewide weighted-average foundation for FY 2014-15 is $7,315.00, which equates to $3,657.50 per semester. Garber High School has an 8-hour block schedule of courses so each course would equate to $457.19 per course ($3,657.50 ÷ 8).

If a pupil fails to successfully complete a district/school paid postsecondary course, he or she is responsible for the fees/tuition not refunded by the postsecondary institution.

Full-time student enrollment is required of all Garber students and may be composed of a combination of high school and approved college courses (i.e. – A student must be enrolled in eight (8) courses per semester.) Grades for college courses are recorded on the Garber transcript as CR or NCR and are not reflected in the high school GPA.
The district, however, cannot restrict ineligible students from attending post-secondary institutions in the evening or summer, but ineligible students must take 8 classes at Garber for both semesters. An ineligible student may choose to attend college, pay his/her own fees and attend in their spare time.
To have classes counted as a portion of their high school schedule a student must be eligible for Dual Enrollment. To be eligible a student must not be in high school more than four years, not be a foreign exchange student and have the following qualifying score(s): ACT: Mathematics 22, Reading 21, Science 24, English. Other test scores such as EXPLORE, PLAN, Compass, MME, PSAT, and SAT can be used to qualify for dual enrollment. Please see your counselor if you have questions regarding these scores.
Students must apply for dual enrollment during the semester PRIOR to the semester in which they plan to enroll. For example, in order to be a dual enrollment student in the fall semester, applications must be completed by April 30th.
It is expected that a dual enrolled student will regularly attend and meet all requirements of the college course. Failure of a college course is reflected on both the high school and college transcript.

GRIEVANCE PROCEDURES

For

Title VI of the Civil Rights Act of 1964
Title IX of the Education Amendment Act of 1972
Section 504 of the Rehabilitation Act of 1973
Age Discrimination Act of 1975
Title II of the Americans with Disability Act of 1990

Section I

Any person believing that the Essexville-Hampton Public Schools or any part of the school organization has inadequately applied the principles and/or regulations of (1) Title VI of the Civil Rights Act of 1964, (2) Title IX of the Education Amendment Act of 1972, (3) Section 504 of the Rehabilitation Act of 1973, (4) the Age Discrimination Act of 1975, and (5) Title II of the Americans with Disability Act of 1990 may bring forward a complaint, which shall be referred to as a grievance, to the local Civil Rights Coordinator at the following address:

Lori Flippin, Assistant Superintendent
Mark Jaffe Administration Building
303 Pine Street Essexville, MI 48732
Telephone: (989) 894-9700

Section II

The person who believes a valid basis for grievance exists shall discuss the grievance informally and on a verbal basis with the local Civil Rights Coordinator, who shall in turn investigate the complaint and reply with an answer to the complainant within five (5) business days. The complainant may initiate formal procedures according to the following steps:

Step 1: A written statement of the grievance signed by the complainant shall be submitted to the local Civil Rights Coordinator within five (5) business days of receipt of answers to the informal complaint. The coordinator shall further investigate the matters of grievance and reply in writing to the complainant within five (5) days.

Step 2: A complainant wishing to appeal the decision of the local Civil Rights Coordinator may submit a signed statement of appeal to the Superintendent of Schools within five (5) business days after receipt of the coordinator's response. The superintendent shall meet with all parties involved, formulate a conclusion, and respond in writing to the complainant within ten (10) business days.

Step 3: If unsatisfied, the complainant may appeal through a singed, written statement to the Board of Education within five (5) business days of receiving the superintendent's response in step two. In an attempt to resolve the grievance, the Board of Education shall meet with the concerned parties and their representative within 40 (forty) days of the receipt of such an appeal, A copy of the Board's disposition of the appeal shall be sent to each concerned party within 10 (ten) days of this meeting.

Step 4: If, at this point, the grievance has not been satisfactorily settled, further appeal may be made to:

Office for Civil Rights
Department of Education
Washington, D.C. 20202

Inquiries concerning the nondiscriminatory policy may be directed to:

Director, Office for Civil Rights
Department of Education
Washington, D.C. 20202

The local coordinator, on request, will provide a copy of the district's grievance procedure and investigate all complaints in accordance with this procedure.

A copy of each of the Acts and the regulations on which this notice is based may be found in the Civil Rights Coordinator's office.

NOTICE OF NON-DISCRIMINATION POLICY

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 Age Discrimination Act of 1975, and the American with Disability Act of 1990, it is the policy of the Essexville-Hampton Public School district that no person shall, on the basis of race, color, religion, national origin or ancestry, sex, age, disability, height, weight, or marital status be excluded from participation in, be denied the benefits of, or be subjected to discrimination during a program or activity or in employment. The following person has been designated to handle injuries regarding the nondiscrimination policies:

Assistant Superintendent
Essexville-Hampton Public Schools
303 Pine Street
Essexville, MI 48732
(989) 894-9700