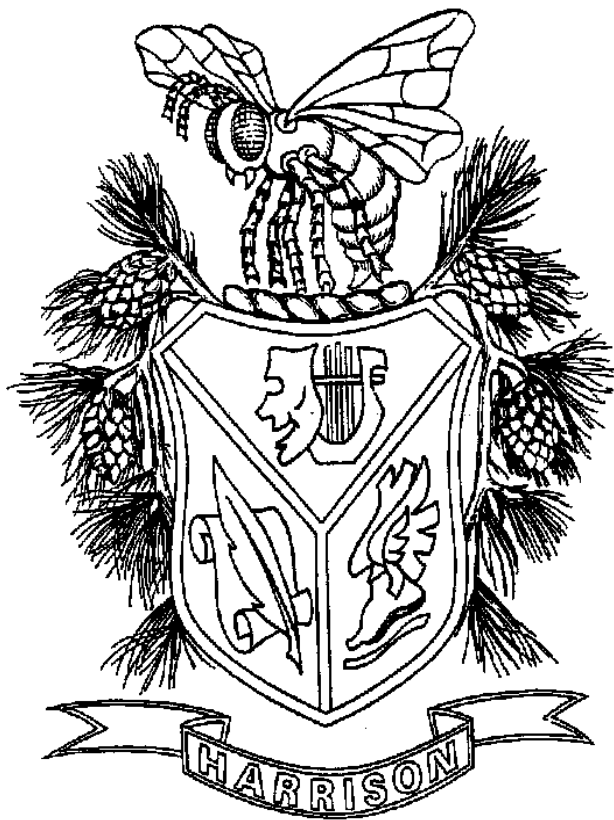


# Harrison Community High School Curriculum Guide 2025-2026



Dear Harrison Community High School Students and Parents:

You are about to embark upon one of the most important processes in your high school career, the selection of your classes for the 2025-2026 school year. The classes you select have an important impact on your future. Please study the class offerings carefully.

This booklet has been designed to familiarize you with the course offerings available and the procedures that you must follow in order to sign up for the classes. Considering we build the schedule around students' requests, the importance of following procedures cannot be overemphasized.

Ideally, the class selections that you make will lead to a productive and happy future. Feel free to contact the administration and staff for assistance. Best wishes for a successful school year.

Sincerely,

A handwritten signature in black ink, appearing to read "Joe Ashcroft". The signature is fluid and cursive, written in a professional style.

Joseph J Ashcroft  
Principal

*Harrison Community Schools does not discriminate on the basis of race, color, national origin, religion, sex (including pregnancy, gender identity, or sexual orientation), marital status, disability, or any other legally prohibited basis in admission or access to District programs or activities.*

*Our Title IX Coordinators are Andrea Looker ([alooker@harrisonschools.com](mailto:alooker@harrisonschools.com)) and Judy Walton ([juwalton@harrisonschools.com](mailto:juwalton@harrisonschools.com)), 224 W. Main Street, Harrison, MI 48625, 989.539.7871. For any other type of unlawful conduct, including but not limited to disability, race, color, or national origin, please contact Judy Walton at the same address and telephone number.*

## **TABLE OF CONTENTS**

Graduation Requirements	4
Graduation Policies & Academic Success, Class Retake	5
Personal Curriculum	6
Testing out Policy	6
Schedule Changes	7
Division I and NCAA Requirements	7
General and Vocational Program, Grading System, Report Cards	8
Academic Letters	8-9
Graduation Honors	9
Career Zones	10-14
4 Year Plan Samples	15
Curriculum Studies by Departments	16
English Department	16-18
Mathematics Department	18-20
Science Department	21-22
Social Studies Department	23-24
World Language Department	24
Industrial Education Department	25-27
Physical Ed/Health Department	28
Visual, Performing, and Applied Art Department	29-30
Music Department	30
Special Education	31
Clare-Gladwin Career Tech Center (CTE)	32-36
Dual Enrollment	37-39

## GRADUATION REQUIREMENTS

### Michigan Merit Curriculum

Curriculum Area	Number of Credits	Required Content
Mathematics	4 Credits	<ul style="list-style-type: none"> <li>● Algebra I</li> <li>● Geometry</li> <li>● Algebra II</li> <li>● Math Elective; CTE,</li> <li>● Personal Finance (2028 &amp; beyond)</li> </ul>
English Language Arts	4 Credits	<ul style="list-style-type: none"> <li>● English I</li> <li>● English II</li> <li>● English III</li> <li>● English IV</li> </ul>
Science	3 Credits	<ul style="list-style-type: none"> <li>● Biology</li> <li>● Chemistry</li> <li>● Science Elective/CTE Program</li> </ul>
Social Studies	3 Credits	<ul style="list-style-type: none"> <li>● U.S. History</li> <li>● Government (1 sem)</li> <li>● Economics (1 sem)</li> <li>● World History</li> </ul>
Physical Education	.5 Credit	<ul style="list-style-type: none"> <li>● Fitness for Life</li> </ul>
Health	.5 Credit	<ul style="list-style-type: none"> <li>● Health</li> </ul>
Visual, Performing, & Applied Arts (VPA)	1 Credit	See curriculum guide
World Language	2 Credits or 1 credit and 2 VPA credit	Currently offered through Michigan Virtual
On-line Learning Experience		Imbedded in curriculum
MMC Requirements	18 credits	

#### HHS Additional Requirements:

Electives	Credits vary depending on grad year 2026: 9 credits 2027: 8.5 credits 2028 & beyond: 8 credits	See curriculum guide for options
Complete Required State Testing		<ul style="list-style-type: none"> <li>● SAT</li> <li>● Work Keys</li> <li>● M-Step</li> <li>● MI Access (special populations)</li> </ul>

#### Total credits required for graduation:

CLASS OF 2026	25 Credits
CLASS OF 2027	24.5 Credits
CLASS OF 2028 & Beyond	24 Credits

## **GRADUATION POLICIES**

1. High School is considered to be a four-year experience and must be spent in full-time attendance. All students must complete the Michigan Merit Curriculum requirements and complete 8 semesters (or the equivalent) of high school.
2. No diploma will be issued from Harrison Community High School on the basis of General Education Development tests.
3. The high school principal has discretionary power in the case of transfer students or health cases in relation to the number of credits needed and program direction.
4. Only students who have completed graduation requirements may participate in graduation ceremonies and/or any related activities.

## **ACADEMIC SUCCESS**

At Harrison High School, we prioritize every students' academic journey. If a student finds him/herself falling behind in classes, we recommend several interventions to support their success:

1. After School Tutoring: Personalized assistance tailored to individual learning needs.
2. Credit Recovery: Opportunities to regain course credits and stay on track towards graduation.
3. Hornet Team Time (HTT): Individual academic support provided two days a week by the student's current teacher(s).

These interventions are designed to empower students, ensuring they have the resources and support needed to thrive academically. By working together, the goal is to nurture each student's potential and foster a culture of achievement at Harrison High School.

## **CLASS RETAKE/CREDIT RECOVERY**

If a student fails an "in-person" class and retakes the class "in-person," the passing grade will be posted on the transcript and the failed grade will be removed.

If a student retakes a failed in-person class, but on an online platform, the student must complete 100% of the class with a 70% or above. The student will be given "credit" for the class. The failed grade will remain on the transcript.

A student may retake a class for a higher grade, however, he/she will not earn duplicate credit. The highest grade will be posted on the transcript and the lowest grade will be removed.

## **PERSONAL CURRICULUM (PC)**

A Personal Curriculum is a documented process that modifies certain requirements of the Michigan Merit Curriculum (MMC). Personal Curriculums must be requested on an individual basis, and meet certain conditions, before they will be approved.

## **TESTING OUT POLICY**

PA 451, passed in 1993, allows students to test out of courses. PA 123 and PA 124, passed in 2006, add to existing law by providing students the option to demonstrate that they meet or exceed the Michigan Merit Curriculum (MMC) content expectations associated with the subject areas. In the MMC, the instruction needed to test out does not necessarily have to be delivered in a traditional “course sequence”. HHS has established reasonable deadlines for testing-out below.

- All interested students must have the opportunity to test out
- The law allows students to test out of any and all of the credit areas required for graduation
- All content expectations need to be reasonably covered in whatever assessment(s) are used for testing out
- A student is granted credit if the student earns 77% (C+) or better on the given assessment(s)
- This could include a series of smaller tests, used by the teacher over the course of the class, which taken together, cover all the content expectations.
- An assessment consisting of the end-of-marking-period exams used by the teacher.
- If a final exam is used to measure proficiency, a student must attain a grade of not less than 77%.
- If there is no final exam, the student needs to exhibit mastery through the basic assessment used in the course, which may consist of a portfolio, performance, paper, projects, or presentation.
- Credits earned through testing out will not be included in computation of the grade point average (GPA).
- Credits earned through testing out shall be counted toward graduation.

If a student wishes to “test out” it will be necessary to submit requests prior to the given deadlines. Students may fill out a testing-out application online via the Student Services website. A course description, course syllabus, study materials, and a description of the “test out” requirements will be available prior to each testing out date.

### **The following timeframe will be used to schedule testing out exams:**

**1st semester:** Requests must be submitted to the counselor/principal 6 weeks before the end of 1st semester

Testing out exam will be given during 1st semester final exams

**2nd semester:** Requests must be submitted to the counselor/principal 6 weeks before the last day of school.

Testing out exam will be given during 2nd semester final exams

## **CHANGING OR DROPPING COURSES**

Changes will only be made for the following reasons:

1. Have a duplicate class in the same semester
2. Have not met the prerequisite
3. Need a class for graduation

Ultimate authority for class changes rests with the Principal or Counselor. Schedule changes after a semester starts are only done due to extenuating circumstances.

## **DIVISION I & II NCAA REQUIREMENTS**

Students who may be interested in intercollegiate athletic participation should be aware of the academic requirements. You will need to meet with the school counselor to review your courses. Those who intend to pursue college athletic careers should plan their high school academic programs with that in mind early in their high school years. See website for more information:

[www.ncaa.org](http://www.ncaa.org) Click on "Academics and Athletes" then "Eligibility and Recruiting"  
or [www.ncaaclearinghouse.net](http://www.ncaaclearinghouse.net)

## **GENERAL AND VOCATIONAL PROGRAM**

In addition to the basic graduation requirements stated in the Curriculum Guide, it is suggested that the general and vocational oriented student complete those courses that will best prepare them for their future ambitions. Keep in mind that a sound foundation in Math, Science and English are essential for all occupations.

## **GRADING SYSTEM AND REPORT CARDS**

The evaluation of student achievement is one of the important functions of the teacher. The accepted marking system at Harrison Community High School is as follows:

A	Excellent	CR	Credit
B	Good	NC	No Credit
C	Average	I	Incomplete
D	Poor		
E	Failure		

Letter grades will be established using the following percentage scale

A = 93.5 - 100	C = 73.5 - 76.49
A- = 89.5 - 93.49	C- = 69.5 - 73.49

B+ = 86.5 - 89.49	D+ = 66.5 - 69.49
B = 83.5 - 86.49	D = 63.5 - 66.49
B- = 79.5 - 83.49	D- = 59.49 - 63.49
C+ = 76.5 - 79.49	E = 59.48 & Below

A uniform computing method for **semester** grades will be used by all staff members.

Semester Grade 80%	Exam 20%
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**INCOMPLETE (I):** The grade of an “I” may be given for academic coursework that the student was not able to complete due to unusual circumstances; usually due to medical situations. This must be **pre-approved** by the principal before the end of the semester. **The maximum time allowed to make up Incompletes is two (2) weeks** following the conclusion of the semester. However, a shorter time period can be determined by the teacher. The student assumes all responsibility to communicate with his/her teacher, get pre approval by the principal and complete assignments/tests by the deadline. Work not completed within the set timeframe, will become an E and averaged with the student’s other grades.

Progress reports are posted to students’ Skyward accounts at the 9 week mark of each semester. Report Cards are posted to students’ Skyward accounts within one week of the semester’s end.

Grade Point Average (G.P.A.) for 9<sup>th</sup>-12<sup>th</sup> grades will be computed by converting letter grades to the 4.00 scale:

A	=	4.00	B	=	3.00	C	=	2.00	D	=	1.00
A-	=	3.67	B-	=	2.67	C-	=	1.67	D-	=	0.67
B+	=	3.33	C+	=	2.33	D+	=	1.33	E	=	0.00

(The grade point average will be rounded to two places after the decimal point.)

### **ACADEMIC LETTER**

Students who have maintained a cumulative GPA of 3.00 will be awarded an academic letter after the first semester of their sophomore year. (Three of those semesters must have been completed at HHS.) Letters will be awarded at the end of the first semester of each school year during a special ceremony. Seniors and juniors who achieve a cumulative GPA of 3.00 at that time would also be eligible to earn a letter.

After earning a letter, students would be eligible to earn a pin for each successive year

in which they maintain a cumulative GPA of 3.00 through the end of the first semester.

\*Transfer students will be required to complete a minimum of three semesters of high school at Harrison Community High School before becoming eligible for the academic letter.

## **GRADUATION HONORS**

The Valedictorian and Salutatorian will be recognized at Senior Honors Night and will speak at the graduation ceremony.

\*The GPA calculation for the two honorees will be based upon the 4.00 scale (rounding to two places past the decimal point).

\*In order to receive the valedictorian or salutatorian award a student will have to complete the equivalent of five semesters as a student at Harrison Community High School. This means that the equivalent of 2.5 years of high school grades must be earned from Harrison Community High School.

**Valedictorian** - Graduate with the highest GPA through the equivalent of seven semesters of high school.

*In the event of a tie for valedictorian, the GPA calculation will be based upon a 4.00 scale and the student's first cumulative SAT score. The student with the highest SAT score will be awarded valedictorian.*

**Salutatorian** - Graduate with the second highest GPA through the equivalent of seven semesters of high school.

All other seniors will be recognized at Senior Honors Night and receive a medal on a ribbon which they will wear at the graduation ceremony.

### **Highest Honors**

Graduates with cumulative GPAs over the equivalent of seven semesters of high school between 3.80 and 4.00.

### **High Honors**

Graduates with cumulative GPAs over the equivalent of seven semesters of high school between 3.50 and 3.79.

### **Honors**

Graduates with cumulative GPAs over the equivalent of seven semesters of high school between 3.00 and 3.49.

## CAREER ZONES

Career Zones are six broad groupings of courses defined by the State of Michigan that share similar characteristics. They share employment requirements and many common interests, strengths, and competencies.

The Harrison High School Program of Studies is designed to offer students a pathway to success. The Career Zone will provide a focus and the foundation for the student's learning experience. Students will continue updating yearly their Educational Development Plan (EDP) that maximizes their post high school potential and opportunities.

Students selecting the **Professional** career fields will be considering a four-year college/university program as a requirement for career level entry. Students selecting the **Technical** career fields will be considering a community college, technical/trade school or other post secondary training for career level entry.

## ***Michigan's Six Career Zones***



### **Arts and Communications**

Careers related to the humanities and to the performing, visual, literary and media arts. These may include creative or technical writing, illustrating, graphic designing, publishing, theater, journalism, languages, radio and television broadcasting, photography, advertising and public relations. Specific examples include artists, journalists, interior designers, musicians, photographers, and theater technicians.



### **Business, Management, Marketing, and Technology**

Careers related to all aspects of business including accounting, business administration, finance, information processing, and marketing. These may include entrepreneurship, sales, marketing, hospitality and tourism, computer/information systems, finance, accounting, office administration, personnel, economics, and management. Specific examples include accountants, business managers, salespersons, buyers, computer network administrators, secretaries and stock analysts.



### ***Engineering/Manufacturing and Industrial Technology***

Careers related to the technologies necessary to design, develop, install, or maintain physical systems. These may include occupations in designing, engineering and science, service technicians, manufacturing technology, transportation, and construction. Specific examples include architects, airplane pilots, engineers, carpenters, microcomputer specialists, equipment operators, technicians, and mechanics.



### ***Health Sciences***

Careers related to the promotion of health as well as the treatment of injuries, conditions, and disease. These may include medicine, dentistry, nursing, therapy and rehabilitation, nutrition, fitness and hygiene, public health, and veterinary science. Specific examples include physicians, nurses, pharmacists, health facility administrators, dental assistants, veterinarians, physical therapists, and medical technicians.



### ***Human Services***

Careers in child care, civil service, education, hospitality, and the social services. These may include law and legal studies, law enforcement, public administration, child and family services, and social services. Specific examples include postal workers, police officers, lawyers, teachers, counselors, school administrators, fire fighters, clergy, and social workers.



### ***Natural Resources and Agriscience***

Careers related to natural resources, agriculture and the environment. These may include agriculture, earth sciences, environmental sciences, fisheries management, forestry, horticulture, wildlife management, and many agri-business/agri-industry occupations. Specific examples include environmentalists, turf grass managers, farmers, landscape architects, plant scientists, marine biologists, and agricultural equipment mechanics.

## Job Title Examples for each Career Pathway

Arts & Communication	Business Technologies	Engineering & Industrial Technology	Health Sciences	Human Services	Natural Resor & Agri-Science
<b>Technical Careers</b> Assistant Editor Copy Writer Layout Planner Actor/Actress Dancer Sculptor/Artist Illustrator Press Operator Journalism Technician Radio/TV Technician	<b>Technical Careers</b> Bookkeeper Loan Officer Data Entry Clerk Asst. Systems Analyst Assistant Buyer Salesperson Copywriter Receptionist Legal Secretary Office Manager	<b>Technical Careers</b> Carpenter Plumber Small Electronics Tech. Sound Technician CNC Operator Tool and Die Maker Automotive Mechanic Auto Body Mechanic Draftsman Surveyor	<b>Technical Careers</b> Certified Nursing Asst. X-Ray Technician Laboratory Technician Respiratory Therapist Dental Hygienist Pharmacy Technician Optometry Technician	<b>Technical Careers</b> Butcher Chef Police Officer Cosmetologist Firefighter Child Care Assistant Home Health Care Sanitation Tech. Research Asst. Coach	<b>Technical Careers</b> Fishery Technician Forestry Technician Nursery Manager Farmer Landscaper Floral Design Assistant Veterinary Assistant
<b>Professional Careers</b> Editor Writer Publisher Journalist Composer Fashion Designer Radio/TV Broadcaster Public Relations Director Graphic Artist Computer Graphics Mgr.	<b>Professional Careers</b> Accountant Auditor Economist Stock Broker Computer Programmer Systems Analyst Bank Manager Real Estate Broker Personnel Director Corporate Lawyer	<b>Professional Careers</b> Architect Building Inspector Contractor Electronic Engineer Industrial Engineer Die/Mold Engineer Automotive Engineer Quality Control Engineer Air Traffic Control Chemical Engineer	<b>Professional Careers</b> Dentist Orthodontist Pharmacist Family Doctor Physical Therapist Registered Nurse Dietician Surgeon Obstetrician Pediatrician	<b>Professional Careers</b> Social Worker Teacher Lawyer Librarian Prosecutor Security Director Counselor Nursing Home Admin. Hotel Manager Police/Fire Chief	<b>Professional Careers</b> Oceanographer Marine Biologist Chemist Physicist Forester Conservation Agent Veterinarian Fishery Manager DNR Agent Geologist

*Note: The career listed here are only a random sampling not a comprehensive list.*

### ELECTIVES BY CAREER ZONE

The following 3 pages are examples of HHS elective choices and CTE programs based on Career Pathways.

## ELECTIVES BY CAREER ZONE

The following pages are examples of HHS elective choices and CTE programs based on the Career Pathways.

### Arts & Communications

HHS Electives
Art I, II, III
Adv Art
Ceramics I, II
Band
Spanish I
Intro to CAD
Mech Design
Drama
Yearbook
Creative Writing
<b>CTE Program</b>
Digital Media

### Business/Management/ Marketing & Technology

HHS Electives
JA Entrepreneurial
<b>CTE Program</b>
Digital Media

### Engineering, Manufacturing & Industrial Technology

HHS Electives
Woodworking
Adv Woods
Intro to CAD
Mech Design
Construction & Industry
Geometric Construction
Mad Scientists
<b>CTE Programs</b>
Automotive Technology
Construction Trades
Adv Manufacturing
Diesel Technology
Welding Technology

### Health Sciences

HHS Electives
Human Anatomy/Physiology
Adv Biology
Forensic Sci I, II
Fam/Cons Sci I,II
<b>CTE Program</b>
Health Occupations

# Electives by Career Zone

## Human Services

<b>HHS Electives</b>
Fam/Cons Sci I,II,III
Teacher Apprentice
Woodworking
Adv Woods
Construction & Industry
<b>CTE Programs</b>
Construction
Criminal Justice
Culinary Arts
Education Occupations

## Natural Resources & Agriculture

<b>HHS Electives</b>
Mad Scientists
Adv Biology
<b>CTE Program</b>
Agri-Science

## Sample 4 Year Plan

Grade 9	Grade 10	Grade 11	Grade 12
English I	English II	English III	English IV
<b>Algebra I/Geometry</b>	<b>Geometry/Algebra II</b>	<b>Algebra II/Pre Calculus</b>	<b>Math:</b> Dual/CTE/ Personal Finance/Statistics
<b>Biology</b>	<b>Chemistry</b>	<b>Science Elective/CTE</b>	Science Elective (college bound)
<b>US History</b>	<b>Government &amp; Economics</b>	<b>World History</b>	Elective
<b>PE &amp; Health</b>	Elective	Elective	Elective
Elective ( <b>Spanish I, VPA</b> )	Elective	Elective	Elective
HTT	HTT	HTT	HTT

*All classes in Bold print are graduation requirements.*

Elective courses should be chosen based on the student's career interest.  
Band students – substitute band for an elective for all 4 years.

## Sample 4-year plan for CTE/Band Students

Grade 9	Grade 10	Grade 11	Grade 12
English I A	English II A	English III A	English IV A
English I B	English II B	English III B	English IV B
Algebra I A or Geometry A	Geometry A or Algebra II A	Algebra II A or Pre Calculus A	World Hist A
Algebra B or Geometry B	Geometry A or Algebra II B	Algebra II B or Pre Calculus B	World Hist B
Biology A	Chemistry A	Science Elective/Band	Elective/Band
Biology B	Chemistry B	Science Elective/Band	Elective/Band
US Hist	Government	Career Tech	Career Tech
US Hist	Economics	Career Tech	Career Tech
World Language/Band	State VPA Elective/Band	Career Tech	Career Tech
World Language/Band	State VPA Elective/Band	Career Tech	Career Tech
Fitness for Life	Elective (WL)	Career Tech	Career Tech
Health	Elective(WL)	Career Tech	Career Tech

\*Band Students take world language in 10th grade if not taken in 8th grade.

## CURRICULUM BY DEPARTMENTS

Listed on the following pages are the descriptions of courses which are available to students attending Harrison Community High School.

NOTE—Each course listed is preceded by a number. The first digit indicates the department or area of instruction. The second digit indicates the lowest grade at which the course can be taken. The third digit is simply a series code.

### ENGLISH DEPARTMENT - 300

### CREDITS AND REQUIREMENTS

#### 4 Credits of English Required for Graduation

9 <sup>th</sup> Grade	1 Credit of English I
10 <sup>th</sup> Grade	1 Credit of English II
11 <sup>th</sup> Grade	1 Credit of English III
12 <sup>th</sup> Grade	1 Credit of English IV

**1 Semester Course = 1/2 Credit**

**2 Semester Courses = 1 Credit**

**315A ENGLISH I A**

**Required 9<sup>th</sup>**

**2 Semesters**

**315B ENGLISH I B**

The 9th grade HMH (Houghton Mifflin Harcourt) curriculum, typically referred to as "Collections" within the HMH platform, focuses on developing critical reading and writing skills through a variety of text types including literature, informational texts, and contemporary issues, with an emphasis on analysis, evidence-based argumentation, and thoughtful discussion, all aligned with state standards and designed to foster active learning and engagement; key components include analyzing literary elements, research skills, writing different genres, and exploring diverse perspectives across texts.

**325A ENGLISH II A**

**Required 10<sup>th</sup>**

**2 Semesters**

**325B ENGLISH II B**

Source materials will include: *HMH Units*

10th grade HMH (Houghton Mifflin Harcourt) curriculum primarily focuses on the "Into Literature" program, which provides students with diverse, culturally relevant texts to develop reading, writing, speaking, and listening skills, while building college and career readiness through analysis of complex literary works, with a strong emphasis on themes, character development, and authorial intent, all aligned with state standards and designed to foster critical thinking abilities; this includes a mix of classic and contemporary literature, with a focus on deep understanding and interpretation of text through close reading strategies.

**Prerequisite:** 315A English I A & 315B English I B

**335A ENGLISH III A** **Required 11<sup>th</sup>** **2 Semesters**  
**335B ENGLISH III B**

Source materials will include: *HMH Units*.

11th grade, the HMH curriculum, primarily through their "Into Literature" program, focuses on building critical reading and writing skills by exposing students to a diverse selection of classic and contemporary texts, emphasizing close reading strategies, analysis of complex ideas, and developing intellectual stamina through culturally relevant content, all while preparing them for college and career readiness; this includes features like embedded "Notice & Note" signposts for deeper text analysis and the "Writable" online tool for writing practice and feedback.

*Prerequisite: 325A English II A & 325B English II B*

**345A ENGLISH IV A** **Required 12<sup>th</sup>** **2 Semesters**  
**345B ENGLISH IV B**

The HMH curriculum for 12th grade primarily focuses on "Into Literature," a comprehensive English Language Arts program that provides diverse, culturally relevant texts to build college and career readiness, emphasizing reading, writing, speaking, and listening skills, while incorporating engaging activities to connect with students' lives and foster critical thinking abilities.

*Prerequisite: 335A English III A & 335B English III B*

## **ENGLISH ELECTIVES**

**301 DRAMA I** **9<sup>th</sup> - 12<sup>th</sup>** **1 Semester**

This is a hands-on performance class. The initial focus is on plays and scripts that are designed to give the student basic knowledge of the elements and history of drama. In addition, students will learn basic theater vocabulary and character analysis. Performance units will include improvisation, makeup and hair design, costuming, acting, stagecraft and lighting, and pantomime.

**307 CREATIVE WRITING** **10<sup>th</sup> - 12<sup>th</sup>** **1 Semester**

This course will provide students with the opportunity to showcase their creative abilities related to writing. The subjects that will be covered are the use of figures of speech, descriptive writing, poetry, free writing, brainstorming, and outlining. Conventions of grammar, usage, and mechanics will be used to enhance writing skills. Students will have the opportunity to do self-edit, peer edit, teacher conferencing, and utilize rubrics to evaluate the writing process.

**310A WRITING FOR PUBLICATIONS: YEARBOOK-A** **9<sup>th</sup> - 12<sup>th</sup>** **2 Semesters**

**310B WRITING FOR PUBLICATIONS: YEARBOOK-B**

Students participate in the production of the high school yearbook from theme selection through printing and distribution of the finished product. Students will learn organizational skills, writing and editing skills. Students may also create a periodic newsletter of current happenings throughout the high school and district. Students will engage in critical reading, thoughtful discussions, language study, and various forms of writing. Students will be expected to work as a team and put in additional hours outside of class in order to meet deadlines.

**Requirements:** Must Pre-register by submitting pre registration form and complete the application

**328 ESPORTS/ENTREPRENEURSHIP 10<sup>th</sup> - 12<sup>th</sup> 1 Semester**

This course will achieve rigorous English standards by motivating students to participate in a synergistic experience exploring reading and writing together with Entrepreneurship, specifically looking at the exploding entertainment ecosystem of esports. These three diverse areas of study come together around a unifying theme: the importance of decisions. Through literary character analysis, students explore the decisions the protagonists make as they interact with society and the environment with which they operate in a safe and non-toxic way.

**MATHEMATICS DEPARTMENT - 100**

**CREDITS AND REQUIREMENTS**

All students must have four (4) credits of mathematics to graduate, including at least ½ credit of math during the student’s senior year.

**4 Credits of Math Required for Graduation**

9 <sup>th</sup> Grade	1 Credit of Algebra I or Geometry
10 <sup>th</sup> Grade	1 Credit of Mathematics in sequence
11 <sup>th</sup> Grade	1 Credit of Mathematics in sequence
12 <sup>th</sup> Grade	1 Credit of Mathematics in sequence or Math electives if available**

**1 Semester Course = 1/2 Credit**

**2 Semester Courses = 1 Credit**

**105A Math Support Lab A**

**105B Math Support Lab B**

**Elective 9th-10th**

Placed based on NWEA scores, classroom grades, and math department recommendations. Students can be exited out of math support lab at the end of the semester based on teacher recommendation, improved grade, and increase of NWEA score.

**112A ALGEBRA I A**

**Required 9<sup>th</sup>**

**2 Semesters**

**112B ALGEBRA I B**

This course provides a study of algebra standards and concepts. Emphasis is placed on expressions, equations, linear functions, polynomials, nonlinear functions, radical functions, rational functions and data analysis.

**High School Offerings for Geometry**

**\*\*HHS offers two options for each: All courses fulfill the graduation requirement for Geometry as**



However, this course is not recommended for college-bound students who will be studying a degree that requires a strong background in mathematics. A graphic calculator will be provided for this course.

***Prerequisite:*** Completion of Algebra I and Geometry  
*Recommendations will be made by Teacher and/or Principal*

**130A PRE CALCULUS A** **11<sup>th</sup> - 12<sup>th</sup>** **2 Semesters**  
**130B PRE CALCULUS B**

This course introduces topics dealing with functions (polynomial, rational, trigonometric, exponential, and logarithmic), vectors, parametric equations, conics, discrete math, statistics, data analysis, graph theory, limits, derivatives, and integrals. This course should prepare a student for college level precalculus and calculus courses. Applications in science and technology in this course show a practical use for these concepts.

***Prerequisite:*** 114A Algebra II A & 114B Algebra II B

**135 PERSONAL FINANCE I** **12<sup>th</sup>** **1 Semester**

This 1st semester course introduces topics dealing with managing money, income, taxes, budgets, checking, savings, banking, purchases, credit cards, and loans. This course will put an emphasis on applying math concepts to real situations in career choices and everyday life. Juniors will need approval from the administration or math department.

***\*This class will fulfill .5 cr of the senior math requirement.***

**145 PERSONAL FINANCE II** **12<sup>th</sup>** **1 Semester**

This 2nd semester course introduces topics dealing with vehicle purchasing, leasing, insurance, housing costs, investments, and things involving business. This course will put an emphasis on the business aspect of real work situations including personnel, purchasing and inventory, sales, marketing, services, accounting, and financial management.

***Prerequisite:*** 135 Personal Finance I OR approval of math department

***\*This class will fulfill .5 cr of the senior math requirement.***

## SCIENCE DEPARTMENT - 200

### CREDITS AND REQUIREMENTS

#### **3 Credits of Science Required for Graduation**

9 <sup>th</sup> Grade	1 Credit of Biology
10 <sup>th</sup> Grade	1 Credit of Chemistry
11 <sup>th</sup> or 12 <sup>th</sup> Grade	1 Credit of Science Elective
12 <sup>th</sup> Grade	Science elective (Recommended for college bound students)

**1 Semester Course = 1/2 Credit**

**2 Semester Courses = 1 Credit**

#### **220A BIOLOGY A**

**Required 9th**

**2 Semesters**

#### **220B BIOLOGY B**

This course will provide students a basic background in biology that will cover state standards not previously learned in physical science and earth science. Topics of this NEXT GEN course will include inquiry, reflection and social implication, organization and development of living systems, interdependence of living systems and the environment, genetics, and evolution and biodiversity.

#### **232A CHEMISTRY A**

**Required 10th**

**2 Semester**

#### **232B CHEMISTRY B**

The chemistry course will focus on the composition, structure and properties of matter. Atoms and elements, compounds and mixtures and chemical reactions are included in the studies. Lab exercises will emphasize safety, fundamental principles of chemistry, and the scientific inquiry process.

*Prerequisite: 112A Algebra I A, 112B Algebra I B, 220A/220B Biology*

#### **Science Electives: 1 credit is required**

#### **227 FORENSIC SCIENCE I**

**11<sup>th</sup> - 12<sup>th</sup>**

**1 Semester**

This course is designed for students interested in studying crime scene analysis. The class is designed around authentic performance assessments with students working in teams to solve crimes using scientific knowledge and reasoning. Students will apply concepts learned in biology, chemistry, earth science and physics to the area of crime scene investigation with an emphasis in critical thinking. As a result, the course has a strong emphasis on laboratory work, inquiry, and problem solving. In addition, students must incorporate the use of technology, communication skills, language arts, art and mathematics. Working as a team is stressed, as each assessment requires thorough investigative work by a group and each team member must contribute to the activity.

*Prerequisite: 220A/B Biology A & B*

*\*Counts as a .5 science elective credit*

#### **229 FORENSIC SCIENCE II**

**11<sup>th</sup> - 12<sup>th</sup>**

**1 Semester**

This course is designed as a continuation of Forensic Science I. It should be taken by those students who are interested in a career as a forensic scientist. Concepts learned in Forensic



**SOCIAL STUDIES DEPARTMENT - 000**

**CREDITS AND REQUIREMENTS**

**3 Credits of Social Studies Required for Graduation**

9 <sup>th</sup> Grade	1 Credit of U. S. History
10 <sup>th</sup> Grade	½ Credit of Government ½ Credit of Economics
11 <sup>th</sup> Grade	1 Credit of World History

**1 Semester Courses = 1/2 Credit**

**2 Semester or 1 Year Courses = 1 Credit**

**010A U.S. HISTORY A**  
**010B U.S. HISTORY B**

**Required 9<sup>th</sup>**

**2 Semesters**

The major emphasis will be on the growth of an industrial and urban America through the 21<sup>st</sup> Century. It will include the study of the world wars from the American perspective, the Roaring 20's, the Depression of the 30's, the Korean and Vietnam conflicts, Watergate and life in the 80's and 90's. Throughout this study the student will learn how government, economics activity and geography have played an important role in the shaping of our country's past and present.

**023 GOVERNMENT**

**Required 10<sup>th</sup>**

**1 Semester**

This course emphasizes the responsibilities of the citizens in a democracy. The course content includes why and how our government was created, the study of the three branches of the national government and the examination of state and local government. Students will obtain first-hand knowledge of their civil liberties and fundamental freedoms.

**024 ECONOMICS**

**Required 10<sup>th</sup>**

**1 Semester**

This course will study how people attempt to utilize scarce resources to satisfy unlimited wants. Topics studied will include supply and demand, production and productivity, money and financial institutions, economic stability, international trade and the influence of the government on the free enterprise system.

**030A WORLD HISTORY A**  
**030B WORLD HISTORY B**

**Required 11<sup>th</sup>**

**2 Semesters**

This course approaches the world's people, places and events from a cultural, economics, geographical, political, and historical perspective. Studies will begin with the Rise of Islam to the present day. During the progress of this course, cultures and countries from all continents of the world will be covered.

## Social Studies Elective

**045A JA ENTREPRENEURIAL MINDSET**  
**045B JA ENTREPRENEURIAL MINDSET**

**11<sup>th</sup> - 12<sup>th</sup>**

**2 Semesters**

This year-long course is a dynamic, project-based class that introduces students to the fundamentals of entrepreneurship while integrating key mathematical concepts. Students will explore the process of starting and managing a business, including identifying opportunities, developing a business plan, marketing strategies, financial management, and problem-solving. Through project based learning, students will learn essential business math skills such as budgeting, calculating profit margins, pricing strategies, forecasting revenue, and analyzing financial statements. By the end of the course, students will have the opportunity to develop and pitch their own business ideas, gaining experience in teamwork, leadership, and communication. This course prepares students for future careers in business, finance, and entrepreneurship.

**\*Students will be expected to participate in events outside of normal school hours which will count towards their performance and final grade.**

***Prerequisite: 024 Economics***

*This course will count as a math credit in senior year*

## WORLD LANGUAGE - 400

The Michigan Merit Curriculum requires 2 credits of the same world language. (College bound students are highly recommended to complete 2 credits). However, the state allows students to substitute the 2nd credit or 2nd year with a visual/performing art credit or by participating in a year long CTE program.

**1 Semester Course = 1/2 Credit**

**9<sup>th</sup> - 12<sup>th</sup>**

**2 Semester Courses = 1 Credit**

**400A SPANISH I A**  
**400B SPANISH I B**

**9<sup>th</sup> - 12<sup>th</sup>**

**2 Semesters**

This course will introduce students to the basics of the Spanish language. The emphasis will be on acquiring a large working vocabulary and the grammar in order to communicate effectively in the present and past tenses. Speaking, reading, writing and listening skills will be developed. Students will also be exposed to the diversity of cultures in the Hispanic world.

## **INDUSTRIAL EDUCATION DEPARTMENT - 500**

### **These classes fulfill VPAA requirement**

- Students who intend to pursue a vocational (trade school) or engineering (college) or related career after high school should complete Beginning Woodworking, Advanced Woodworking, Intro to Computer Aided Drafting and Design, and Mechanical Design with CAD before graduation.
- Any 500-522 courses taken in senior year can count towards a student's math credit.

**1 Semester Course = 1/2 Credit**

**2 Semester Courses = 1 Credit**

***\*LIMIT 2 INDUSTRIAL EDUCATION COURSES PER YEAR, UNLESS PERMISSION FROM ADMINISTRATION\*\****

**113GCA GEOMETRIC CONSTRUCTION-A**

**2 Semesters**

**113GCB GEOMETRIC CONSTRUCTION-B**

***\*See Math Department section for description***

***\*Students may take this course as a math/applied technology credit after taking Geometry requirement***

### **500 INTRO TO COMPUTER AIDED DRAFTING AND DESIGN 10<sup>th</sup> - 12<sup>th</sup> 1 Semester**

In this course students will learn standards used in the drafting and design field. This will be done through the use of Auto-CAD drawing software. Students will become familiar with using Auto-CAD functions and commands to produce drawings of mechanical parts that could be used in the manufacturing industry. Any student interested in engineering, manufacturing, or construction trades should strongly consider this course.

### **501A BEGINNING WOODWORKING A**

**9<sup>th</sup> - 12<sup>th</sup>**

**2 Semesters**

### **501B BEGINNING WOODWORKING B**

Beginning woodworking is an introduction to the materials, tools, and processes used in woodworking. Students will learn about the major woodworking machines, their proper setup and safe operation. In addition, students will learn about gluing, sanding, finishing, and the general order of operations. Each student will complete two general woodworking projects before the end of their first semester. In their second semester, students will begin investigating the wood lathe, laminating, bending, and wood joinery in detail. Students will complete two intermediate projects which may be projects such as trout nets, chess boards, end tables, coffee tables, lathe turnings, or other projects with instructor approval. Students will be responsible for the material costs for the projects that they make to take home.

### **508 MECHANICAL DESIGN WITH CAD \*Semester 2 only\* 9<sup>th</sup> - 12<sup>th</sup> 1 Semester**

Mechanical design with CAD will prepare the student to make working drawings of mechanical parts and small assemblies using CAD while gaining more experience using the Auto-CAD program. Emphasis will be placed on dimensioning, views, projection, and manufacturing tolerances. Additional skills will be developed in creating pictorials, showing threads and fasteners, and creating detail and assembly drawings manufacturing. Any student interested in engineering or working in manufacturing should strongly consider this course.

***Prerequisite: (500) Intro to Computer Aided Drafting and Design***

**521A ADVANCED WOODWORKING**10<sup>th</sup> - 12<sup>th</sup>

1 Semester

*May take 1 or 2 semesters of this course.*

After reviewing machine and shop safety, advanced woodworking students will be expected to construct projects that are more complex and detailed. There will be a focus on project planning and design. These projects may be furniture and/or cabinets and should incorporate frame and panel construction, doors, drawers, or legs. Advanced woodworking may be taken for repeat credit, but students are expected to continue to build on and develop their woodworking skills. Students may take 2 semesters of advanced woodworking per year.

*Prerequisite: 501A Beginning Woodworking A & 501B Beginning Woodworking B*

**522A CONSTRUCTION AND INDUSTRY A**11<sup>th</sup> - 12<sup>th</sup>

2 Semesters

**522B CONSTRUCTION AND INDUSTRY B**

This course is designed to teach students about the construction aspects of residential building, commercial building, road construction and print reading. Students will get in depth details on construction project layouts, framing practices, basic wiring knowledge, basic plumbing knowledge, basic masonry knowledge, basic business practices, basic metal components used in the field and basic land grading techniques. At the end of this course the student should be able to understand all the above listed practices that are used in the industry daily. Students will also learn the importance of basic geometry and basic reading practices that all industry professionals use on a daily basis through hands-on learning. One example of this would be, calculating stairs and ramps which are used almost daily, calculating the roofs which keep us dry, written osha laws which we must follow, job procedure sheets and estimates that must also be written up.

*Prerequisite: 501A Beginning Woodworking A & 501B Beginning Woodworking B*

**526 FAMILY AND CONSUMER SCIENCE I**10<sup>th</sup> - 12<sup>th</sup>

1 Semester

Comprehensive Family and Consumer Science – This course will help students to develop the knowledge and skills that are used to manage one's family and career efficiently and productively. Course topics include foods and nutrition; apparel; child care and development, housing, interior design, and maintenance; consumer decisions; personal financial management; interpersonal relationships; and careers available in family and consumer sciences.

**528 FAMILY AND CONSUMER SCIENCE II**10<sup>th</sup> - 12<sup>th</sup>

1 Semester

In this course we have 6 weeks of child development, sewing and fashion, foods and nutrition. Students will learn about the many stages of pregnancy and explore the stages of childhood throughout the lifespan. The course is designed for anyone thinking about a career in education, health occupations and child care, as well as future parents. Sewing and fashion will introduce students to the basics of sewing using hand and machine techniques. Foods and nutrition will be a "how to" class that will provide students with basic preparation skills and knowledge needed to prepare a variety of dishes. The course will cover safety and sanitation, kitchen terms, abbreviations, tools and equipment, and preparation techniques. Students will explore nutrition basics and how it applies to them personally.

*Prerequisite: 526 Family and Consumer Science I*

**529 Family & Consumer Science III****11th-12th****1 semester**

This advanced independent study sewing and cooking class is tailored for high school students eager to enhance their garment construction, baking, cooking and cake decorating skills. Throughout the course, students can choose projects aligned with their interests, focusing on advanced techniques such as machine sewing, creative embellishments, intricate cake decorating, and advanced cooking methods. The class structure encourages collaborative learning, providing opportunities for personalized feedback to ensure individual growth. Additionally, both courses include a service project component, allowing students to apply their sewing and baking skills to create items for charitable organizations or community initiatives, fostering a sense of social responsibility. The course culminates with portfolios showcasing completed projects, including those crafted for the service component, reinforcing the importance of community engagement and the practical application of their advanced skills at a high school level.

***Prerequisite:*** 526 Family and Consumer Science I & 528 II  
*\*must pre register for this class and be teacher approved*

**952A****TEACHER APPRENTICE****12<sup>th</sup>****\*2 Hour Block per Semester****952B****TEACHER APPRENTICE**

This course is a 2-hour block, field-based (practicum), that provides high school students (11-12th grade) with classroom experiences. Students work under the supervision of a highly qualified mentor teacher(s) with knowledge of childhood, middle childhood, and adolescence education in direct instructional roles with elementary aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, develop materials for educational environments, and complete other responsibilities of teachers. The intent is for students to develop the soft skills of empathy, respect and caring attitudes while making informed decisions regarding careers in education. Students will be responsible for their own transportation between the High School and Elementary. (1.0 credit per semester)

***Requirements:*** *Good academic standing and attendance*  
*Teacher, Principal or Counselor recommendation*  
*EDP indicating specific interest in teaching*  
*\*Must complete pre registration form*

**PHYSICAL EDUCATION/HEALTH EDUCATION DEPARTMENT - 700**

**1 Semester Course = 1/2 Credit**

**2 Semester Courses = 1 Credit**

**\*\*LIMIT 1 PE COURSE per semester. MAX 2 per year for 10<sup>th</sup> - 12<sup>th</sup> Graders\*\***

**\*\*LIMIT 1 PE COURSE per year for 9<sup>th</sup> Graders\*\***

**710A FITNESS FOR LIFE A**

**1 Sem required for 9<sup>th</sup> Grade**

**1 Semester**

**710B FITNESS FOR LIFE B**

Fitness for Life is designed to develop physical fitness, increase skill in sport activities, develop muscular coordination, develop individual skills, and promote cooperation with other students through teamwork. In each unit, the students will be instructed in the rules, safety, strategy, equipment care and scoring techniques. Evaluation will come from participation, improvement, and attitude. A change of clothes and proper footwear will be required of all students.

**711 HEALTH EDUCATION**

**Required 9<sup>th</sup>**

**1 Semester**

Health Education is a required freshman level course. It will explore such topics as nutrition and physical fitness, disease prevention, human sexuality, HIV/AIDS, CPR/AED, substance abuse, mental/emotional health, conflict and violence, prevention, and personal health issues. As a result of this course, students will develop a greater understanding of personal family, and community health issues. Students will practice skills and strategies to enhance health and reduce health risks throughout the course and will be assessed on their demonstration of these skills.

**721A BODY CONDITIONING AND MECHANICS A 1 Semester**

**721B BODY CONDITIONING AND MECHANICS B 1 Semester**

This course is for the student who wants to go beyond physical education. It is designed to develop strength, endurance and skill in students so they may more successfully compete in interscholastic competition. Other training concepts will include proper nutrition, aerobic fitness and the role of exercise in relief of stress.

**10<sup>th</sup> - 12<sup>th</sup> graders may take 1 PE course per semester with a max of 2 per year.**

## VISUAL, PERFORMING, AND APPLIED ART DEPARTMENT - 800

Students are encouraged to take at least one Art class during their high school career. This will give them some understanding and appreciation of their own abilities to use their hands in creating visual statements and in understanding how art relates to everyone in his/her everyday life.

Those students interested in pursuing the ARTS & COMMUNICATION PATHWAYS would also benefit by including in their curriculum, courses such as woods, drafting, band, computers (depending on their area of interest) in addition to their art classes.

**1 Semester Course = 1/2 Credit**

**2 Semester Courses = 1 Credit**

**\*\*LIMIT 1 ART COURSE per semester. MAX 2 per year.\*\***

**800 ART I** **9<sup>th</sup> - 12<sup>th</sup>** **1 Semester**

Art I will cover what goes into creating works of art, as well as the development of the skills and knowledge used to create art. The four disciplines of art (history, practice, criticism and aesthetics) are an important aspect of the class. Art I covers a broad base of artwork in order to introduce students to a wide variety from the art world.

**801 ART II** **10<sup>th</sup> - 12<sup>th</sup>** **1 Semester**

Art II will allow the student to develop technical skills, but will also encourage them to develop their minds and imaginations. Printmaking, acrylics, graphic design, sculpture, figure and perspective drawing, and etc. will be possible areas of study that are not covered in art I. Community service projects, displays, and art competitions will be an important part of this class. Preparation for careers in art will be an ongoing process.

***Prerequisite: 800 Art I***

**802 CERAMICS I** **10<sup>th</sup> - 12<sup>th</sup>** **1 Semester**

Ceramics I will introduce the basic ceramic techniques to the student--such as pinch pots, coil construction and slab construction. The student will also start working on the potter's wheel and how the loading and firing process works. Prepared glazes will also be used in this class, in addition to various colorants.

***Prerequisite: 800 Art I***

**821 ART III: GRAPHIC DESIGN AND ILLUSTRATION** **11<sup>th</sup> - 12<sup>th</sup>** **1 Semester**

This course will focus on the design world, including but not limited to architectural, automotive, fashion, advertisement, product design, etc. It will also be introducing and developing skills in illustration, such as medical illustration, graphic novels, storyboarding, etc.

***Prerequisite: 800 Art I & 801 Art II***

**822 CERAMICS II** **11<sup>th</sup> - 12<sup>th</sup>** **1 Semester**

Students will explore in-depth the possibilities of the various hand construction techniques offered in combination with wheel-thrown pots and other media. They will also develop their throwing skills and be introduced to various firing techniques. Quality, texture, and form will be stressed.

*Prerequisite: 800 Art I & 802 Ceramics I*

**825 ADVANCED ART STUDIES**

**11<sup>th</sup> - 12<sup>th</sup>**

**1 Semester**

Advanced Art Studies will be an individual exploration of the art world. Projects and goals will be developed by collaboration between the student and teacher. Students will be free to investigate any aspect of art that they wish, in order to improve their skills and knowledge of art. Students will use self-critiques, peer-critiques, class discussions, and one on one interactions to understand their work and others. This class will also be preparing the student for college and careers in the art world through development of portfolios. This course may be taken up to two times per year. This class is for students who are planning a future in the art world.

*Prerequisite: Submitted pre registration form. Art Teacher recommendation*

**MUSIC DEPARTMENT - 800**

**1 Semester Course = 1/2 Credit**

**2 Semester Courses = 1 Credit**

**806A HIGH SCHOOL BAND A**

**9<sup>th</sup> - 12<sup>th</sup>**

**2 Semesters**

**806B HIGH SCHOOL BAND B**

High School Band is a year-long class offered to students who truly want to excel on their instrument. Students will develop exceptional tone, intonation, rhythm, technique, and interpretation skills. The course **requires** several evening performances during the marching band, pep band, and concert band seasons, as well as parade and camp requirements during the summer.

## **SPECIAL EDUCATION - 900**

Special education classes are designed to meet the needs of students through individualized instruction. Course requirements follow the guidelines for graduation at Harrison High School. Social and career transitional goals and objectives are taught and practiced in classes to help instill productive independent habits to be used as adults.

The same prerequisites apply for special education classes as those for the general education classes. Students will be assisted in the registration process by staff.

Students enrolled in inclusion courses may have different academic requirements to complete courses.

### **SPECIAL EDUCATION COURSE NUMBERS**

#### Math

917A	Algebra I SP A
917B	Algebra I SP B
918A	Geometry SP A
918B	Geometry SP B
919A	Algebra II SP A
919B	Algebra II SP B

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#### English

932A	English I SP A
932B	English I SP B
934A	English II SP A
934B	English II SP B
936A	English III SP A
936B	English III SP B
938A	English IV SP A
938B	English IV SP B

946A	Transition Class (RESA) A
946B	Transition Class (RESA) B

## **CAREER TECH EDUCATION**

### **CLARE-GLADWIN CAREER TECH CENTER PROGRAMS**

*All students receive a Career Tech Certificate that can be used to obtain employment or further education*

Harrison Community Schools in conjunction with the Clare-Gladwin RESD will be offering a variety of Career and Technical Education courses for juniors and/or seniors. These courses are held at Mid Michigan College or The Clare-Gladwin RESD Magnus Center.

Juniors and Seniors are eligible to take courses at the Clare-Gladwin Career Tech Center. Interested students must sign up by completing the CTE enrollment form by the deadline. After the deadline, a team made up of staff members will review and determine which students qualify based on attendance, discipline, and academic standing. Some of these programs may be taken for two consecutive years, visit the CTE website for more information. <http://www.cteitsworking.com/>

The following programs require a three (3) hour time block. They must be taken all year long for a total of 3 credits.

**\*CTE programs will fulfill the senior year math requirement with the successful completion of 2 semesters.**

**\*\*Students in advanced manufacturing (AIM), automotive technology, construction trades, and welding technology programs will be given an opportunity to take math during CTE to exempt Algebra II B at the high school.**

#### **CTAT1A/1B AUTOMOTIVE TECHNOLOGY A/B yr 1**

#### **CTAT2A/2B AUTOMOTIVE TECHNOLOGY A/B yr 2**

Students study automotive maintenance and light repair, incorporating entry-level development in seven areas of repair, including engine repair; automatic transmission/transaxle; manual drivetrain and axles; suspension and steering; brakes; electrical; and heating and air conditioning. Skill development focuses on diagnosis and repair of drum, disc, hydraulic, power assist and anti-lock brake systems, as well as electronics, voltage, current, resistance, series and parallel circuits, magnetism, application of Ohm's Law and wiring diagrams. This course is designed to improve communication, math, decision-making, thinking, reading, writing, work ethics, team-building skills, and safety attitudes. Math and reading are a large part of this class, which prepares students for positions working with brake systems, vehicle maintenance, and electrical systems. Students have the opportunity to earn ASE Entry-Level Certifications.

*It is possible to earn articulated college credit (achieve a grade of B or better) upon completion of this course.*

**CTHO1A/1B HEALTH OCCUPATIONS A/B yr 1**  
**CTHO2A/2B HEALTH OCCUPATIONS A/B yr 2**

Health Sciences

This course is designed to expose students to a variety of health-related occupations. Students taking this class will be interested in providing health care services that can help identify, evaluate, prevent, and/or treat diseases. The core curriculum addresses the academic foundation, as well as, the fundamentals of caregiving and job skills necessary for students to pursue a career in a variety of medical careers. Clinical experiences may include nursing homes, hospitals, pharmacies, clinic positions, veterinary offices, urgent centers, dentists, physicians' offices, laboratories, and rehabilitation centers. The program is divided into three components: lecture, laboratory, and clinical experience. Students will have the opportunity to earn a certification as a Patient Care Technician upon successful completion of the program. Science, math including metrics, and reading are a large part of the course.

*Second year includes Dual Enrollment courses offered through Mid Michigan College.*

**CTED1A/1B - EDUCATION OCCUPATIONS A/B yr 1**  
**CTED2A/2B - EDUCATION OCCUPATIONS A/B yr 2**

Human Services

This course is an introduction to employment possibilities in the field of education. Students will study theorists, brain development research and child development from birth through high school. They'll learn what makes a great teacher, teaching philosophies, teaching strategies, how to use integrated technology in the classroom, how to examine data and much more. Students will investigate the roles and responsibilities of various positions to develop an overall understanding of the pre-K-12 system and become familiar with a wide variety of education-related occupations. A typical day could include anything from group activities or student presentations to preparing lesson plans, writing research papers or lab activities.

*Students have the opportunity to earn a CDA or MIYDA credential.*

*It is possible to earn articulated college credit (achieve a grade of B or better) upon completion of this course.*

**CTCU1A/CTCU1B CULINARY ARTS A/B yr 1**  
**CTCU2A/CTCU2B CULINARY ARTS A/B yr 2**

Human Services

Students have the opportunity to learn various aspects of the lodging and food service industries. Several topics will be covered throughout the year. Possible topics include work ethic (attitude, initiative, and dependability), customer service, workplace safety procedures, hotel/restaurant operations, banquet procedures, and baking, cooking, and serving procedures. Students interested specifically in food service have the opportunity to earn a "ProStart Certification" from the National Restaurant Association. All students will also learn safe food handling and with successful completion of a test will be "ServSafe Certified." The course is designed to prepare students for entry-level positions including prep/line cooks, servers, guest services representative, housekeepers, and manager trainee.

*It is possible to earn articulated college credit (achieve a grade of B or better) upon completion of this course.*

**CTDI1A/CTDI1B DIESEL & HEAVY EQUIPMENT TECHNOLOGY A/B YR 1**  
**CTDI2A/CTDI12B DIESEL & HEAVY EQUIPMENT TECHNOLOGY A/B YR 2**

Students will learn the art of diagnosing complex issues related to engine operation, powertrains, hydraulics, and electrical systems, gaining expertise in diagnosing, maintaining, and repairing these essential industrial systems. A central focus on safety protocols and best practices to ensure our graduates prioritize secure working environments. Students develop the technical know-how and problem-solving skills required for success in this dynamic field through hands-on learning and real-world applications.

Diesel and Heavy Equipment Technology offers a promising career due to its consistent demand across various industries, ensuring a stable job market. Additionally, the field provides opportunities for skill diversification, as technicians can work on a wide range of equipment, making it a dynamic and rewarding choice for those seeking career growth and versatility.

**CTDM1A/1B DIGITAL MEDIA A/B yr 1**  
**CTDM2A/2B DIGITAL MEDIA A/B yr 2**

Business, Management,  
Marketing & Technology

The core curriculum of this program focuses on Business, Networking and Web Design. Students should expect a significant amount of individual and team-based hands-on projects. Game Production Studio is an extensive project in the second semester of the program in which students build a Role-Playing Game and all the elements that go along with it - original soundtracks, characters, items, story, marketing, etc. There is also a focus on 3D design. Students successfully completing the course will be prepared for pursuit of associate's or bachelor's degree in Computer Information Systems, Computer Science or Digital Design.

*It is possible to earn articulated college credit (achieve a grade of B or better) upon completion of this course.*

**CTCJ1A/1B CRIMINAL JUSTICE A/B yr 1**  
**CTCJ2A/2B CRIMINAL JUSTICE A/B yr 2**

Human Services

The program allows students to explore careers in security, law enforcement, corrections and the courts, emergency services and law/legal services. Other potential careers include federal investigators, security, corrections and prison officers, as well as legal professions. The instructor is active in law enforcement and demonstrates and trains students in current police techniques, including fingerprinting, report writing, search and seizure, First Response and civil and criminal law. Material is presented through a textbook, videos, lecture, activities and guest speakers. The course covers law enforcement from the hiring process to employment to on-duty tasks.

*It is possible to earn articulated college credit (achieve a grade of B or better) upon completion of this course.*

*Second year includes Dual Enrollment courses offered through Mid Michigan College.*

**CTCT1A/1B CONSTRUCTION TRADES A/B yr 1**  
**CTCT2A/2B CONSTRUCTION TRADES A/B yr 2**

Engineering/Mfg &  
Industrial Technology

Students will obtain the skills, technical knowledge, and work habits necessary to succeed in the construction industry. Students put classroom knowledge to work through hands-on activities in the lab and at the project house. Learning activities allow students to become knowledgeable in fundamental principles and methods of construction, and to develop technical skills related to carpentry, electrical, plumbing, masonry, and finish work. Instruction includes safety principles and practices; recognition of standard lumber sizes; foundation layout methods; building concepts and procedures; local, state, and national codes; cost estimating and blueprint reading. The curriculum focuses on students familiarization with safety practices and the proper use of both hand and power tools. Instruction is provided in theories and techniques used in the construction field.

*It is possible to earn articulated college credit (achieve a grade of B or better) upon completion of this course.*

**CTWL1A/1B WELDING TECHNOLOGY A/B yr 1**  
**CTWL2A/2B WELDING TECHNOLOGY A/B yr 2**

Engineering/Mfg &  
Industrial Technology

Basic Welding introduces students to the fundamentals of OFW oxy-fuel cutting and OFB brazing, (SWAW arc welding), GMAW MIG welding, and GTAW TIG welding. This course includes a large amount of math and reading. Emphasis is placed on penetration welds in all positions according to the American Welding Society. Advanced Welding is an extension of the Basic Welding curriculum and will prepare students for a specific career in welding. The course stresses metal fabrication techniques and standards. Students will learn blueprint reading and non-destructive and mechanical testing techniques. The course is designed to prepare students for an appropriate career in welding.

*Includes Dual Enrollment courses offered through Mid Michigan College for both years.*

**CTAG1A/1B AGRICULTURAL SCIENCE A/B yr 1**  
**CTAG2A/2B AGRICULTURAL SCIENCE A/B yr 2**

Natural Resources  
& Agri science

Agri-Science students actively participate in classroom and laboratory activities involving environmental and natural resources, animal and plant systems and agri-business. Topics covered include career opportunities, safety, technology applications, agri-business leadership, environmental science, soil science, plant science, forestry, animal science, aquaculture, wildlife science, pest management and more. Students will have the opportunity to participate in Future Farmers of America (FFA) and compete at a regional and state level. Students have the opportunity to earn up to six college credits upon successful completion of the program.

**CTAM1A/1B ADVANCED MANUFACTURING (AIM) A/B yr 1** Engineering/Mfg

**CTAM2A/2B ADVANCED MANUFACTURING (AIM) A/B yr 2** Industrial Technology

The Advanced Integrated Manufacturing (AIM) program is designed to prepare students for careers in the manufacturing industry. In this program, students will have an opportunity to take a series of courses that focus on materials, design and safety, as well as develop leadership skills for work in the field. Manufacturers today are looking for employees who have technical skills in a variety of areas, possess workplace and teamwork skills and have the ability to incorporate and utilize new technologies as they are developed. AIM will help prepare students to join the next generation of manufacturers.

*Includes Dual Enrollment courses offered through Mid Michigan College for both years.*

*The Clare-Gladwin Regional Education Service District Board of Education complies with all Federal laws prohibiting discrimination and with all requirements and regulations of the U.S. Department of Education. It is the policy of the Clare-Gladwin Regional Education Service District that no person on the basis of race, color, religion, national origin, creed or ancestry, age, gender, sexual orientation, marital status, or disability shall be discriminated against, excluded from participation in, denied the benefits of or otherwise be subjected to discrimination in employment or under any program or activity to which it is responsible, or for which it receives financial assistance from the U.S. Department of Education. For information contact the Superintendent at Clare-Gladwin Regional Education Service District, 4041 E. Mannsiding Rd, Clare, MI 48617 (989) 386-3851.*

## **DUAL ENROLLMENT - 950**

### **DUAL ENROLLMENT 9<sup>th</sup> – 12<sup>th</sup>**

**Please Note that in order for a student to qualify for Dual Enrollment, student must:**

**1. Have achieved a passing score:**

- On the Michigan Merit Exam in the content area of the college course in which they want to enroll (applies to incoming Seniors)
- OR...on PSAT tests in the content area of the college course in which they want to enroll (applies to incoming Sophomores or Juniors; see following page for cut scores).
- OR...approval by a counselor/principal

**2. *AND*...Have exhausted all of the offerings available in this content area offered at the High School**

**3. *AND*...Meet any enrollment requirements of the college or university in which they are enrolling**

**4. *AND*...Have a cumulative grade point average of 3.0 or above**

***The parent and student must:***

5. Agree to pay any additional tuition, fees, and other related expenses, due to the enrolling institution beyond what the district agrees to pay. Please note: The district will only pay the tuition charges as stipulated in board policy in italics and quoted here: "Upon receipt of a bill from the postsecondary institution itemizing the charges for a student's participation in a particular course, the District shall either pay the bill or the prorated percentage of the State portion of the foundation allowance for that student, whichever is lower."

See your counselor for the current year foundation allowance. If charges exceed such payment the student and his/her parents are responsible for the remaining charges.

**6. Agree to repay the district the tuition fees paid on the student's behalf by the District if the student drops the course**, as quoted here: "If a student participating in the postsecondary (dual) enrollment program fails to successfully complete an eligible course, the student and his/her parents are responsible for reimbursing the District for such charges incurred by the District for such enrollment or direct payment to the institution. In the event reimbursement is not made in a reasonable period of time, the Superintendent is authorized to file a claim against the student and/or his/her parents in Small Claims Court for collection." Note: The student will not be permitted to enroll in a replacement class at HHS unless this reimbursement has been received.

7. Understand that the courses may be taken for high school credit, post-secondary credit, or both. The student must make this decision at the time of application.

8. All dual credit courses will be given CR/NC on the high school transcript.

***Maximum of 10 total classes.***

**Grade 9** – not more than 2 per year for the 9<sup>th</sup>-11<sup>th</sup> grades, and 4 in 12<sup>th</sup> grade.

**Grade 10** – not more than 2 courses in 10<sup>th</sup> grade, and not more than 4 courses per year during 11<sup>th</sup> & 12<sup>th</sup> grades.

**Grade 11 or 12** – not more than 6 courses per year during 11<sup>th</sup> & 12<sup>th</sup> grade, not to exceed the maximum of 10 courses between both years.

Counselors and college representatives will help students select dual courses each semester. Many students will explore courses that will fit the Michigan Transfer Agreement (MTA). HHS will make the final decision on approved courses based on prior student success rate.

Post Secondary Enrollment Options Act

**Dual Enrollment Readiness  
Qualifying Assessments and Scores**

ACT	Mathematics	Mathematics	22
ACT	Reading	Reading	22
ACT	Science	Science	23
ACT	English	English	18
MME*	ELA	ELA	2100
MME*	Mathematics	Mathematics	2100
MME*	Science	Science	2100
MME*	Social Studies	Social Studies	2100
PSAT 8/9	Critical Reading	Evidence-Based Reading and Writing	460
PSAT 8/9	Mathematics	Mathematics	510

PSAT 10	Critical Reading	Evidence-Based Reading and Writing	460
PSAT 10	Mathematics	Mathematics	510
PSAT/NMSQT 11	Critical Reading	Evidence-Based Reading and Writing	460
PSAT/NMSQT 11	Mathematics	Mathematics	510
SAT	Critical Reading	Evidence-Based Reading and Writing	480
SAT	Mathematics	Mathematics	530
AP**	Various subject areas	May qualify for credit and allow for higher level classes	Check with IHE
CLEP**	Various subject areas	May qualify for credit and allow for higher level classes	Check with IHE
IB**	Various subject areas	May qualify for credit and allow for higher level classes	Check with IHE
ACCUPLACER**	Various subject areas	May qualify for credit and allow for higher level classes	Check with IHE

**Please note: Students may qualify with a GPA. of 2.5 or higher.**

[https://www.michigan.gov/documents/mde/2021-22\\_Minimum\\_DE\\_Qualifying\\_Scores\\_731468\\_7.pdf](https://www.michigan.gov/documents/mde/2021-22_Minimum_DE_Qualifying_Scores_731468_7.pdf)