

HAMILTON HIGH SCHOOL

CURRICULUM GUIDE



2025 – 2026

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The Hamilton Community Schools System does not discriminate on the basis of race, color, religion, sex, national origin, age, height, weight, marital status, handicap, disability, or limited English proficiency in any of its programs or activities. The following office has been designated to handle inquiries regarding the nondiscrimination policies:
 Human Rights Office
 Hamilton Community School
 4815 136th Ave,
 Hamilton, MI 49419

GENERAL INFORMATION

Academic Requirements

Students are eligible for graduation when they have completed 12 terms of attendance as a full-time student and have successfully completed the necessary coursework designated for graduation. A student must have attended Hamilton High School a minimum of five (5) terms in order to become eligible to earn Valedictorian or Salutatorian honors.

General Requirements

- Students must have a full schedule of classes in every term of attendance (or administrator approval)
- Full time attendance equals 6 courses per term (unless approved by Administration).
- Students may take 1.0 additional credit (per term) outside of the normal class day (with administrative approval – fees may apply)

Academic Requirements

- 4.0 credits of English
- 3.0 credits of Social Studies
- 3.0 credits of Science
- 3.0 credits of Math plus 1.0 credit of Senior Math Experience
- 0.5 credit of PE
- 0.5 credit of Health 1
- 0.5 credit of Financial Literacy
- 0.5 credit of Test Prep
- 1.0 credit of Visual/Performing/Applied Arts
- 2.0 credits of World Language (same language)**

Hamilton High School awards credits for each class completed in the following areas:

Band	1.5 credits
Choir	1.5 credits
Cooperative Education (Co-Op)	3.0 credits
Integrated World History and Literature	2.0 credits
HVAC	3.0 credits
Intro to Teaching / Teaching Practices	3.0 credits
Careerline Tech Center	4.5 credits
All other Elective Classes	0.5 credits

**1.0 credit of World Language can be replaced with an additional 1.0 of VPAA

Credit Repeat

All high school subjects will be recorded on the student's high school transcript. A student who feels he/she is not adequately prepared for the next course in sequence (this does not include failing a course) and would like to repeat a particular course, may do so, however, the previous grade will remain on the transcript. Students must retake the exact course during the next available term that the class is offered.

Early Graduation

A student could graduate early if the following steps are completed:

1. A student must apply for early graduation before beginning his/her final year. The student must write an account of his/her reasons for early graduation and show adequate evidence that it would be more beneficial to graduate early than to remain in school for their entire final year (Enrollment for advanced schooling or advanced training for an occupation would usually constitute sufficient reason.).
2. The parent or legal guardian must also give approval.
3. The student receiving permission for early graduation would receive his/her diploma at the graduation ceremonies at the end of the regular school year.

Grade Point Average (GPA)

Unweighted			Weighted**	
4 point scale			5 point scale	
A	4		A	5
A-	3.7		A-	4.625
B+	3.3		B+	4.125
B	3		B	3.75
B-	2.7		B-	3.375
C+	2.3		C+	2.875
C	2		C	2.5
C-	1.7		C-	2.125
D+	1.3		D+	1.625
D	1		D	1.25
D-	0.7		D-	0.875
E	0		E	0

** Advanced Placement (AP) courses = weighted 5 point scale (1.25)

Hamilton Core Program

This online program, with possible in-person support, is designed to support the timely graduation of students that may be at risk of not graduating due to failures, behaviors, and/or attendance. This program is primarily designed to support the learning needs of students that are placed in it based on outlined criteria. A student may be placed in a zero, half, or full day of in-person support for their online classes depending on the need and severity of the entrance criteria outlined below.

High School Credit at the Middle School

Classes up to 2029:

If a Middle School student is automatically scheduled into a course that earns High School credit (currently Art, PE, & World Language) the grade earned will not be calculated into their High School GPA and class rank. The class and credit (CR) will be listed on their High School transcript.

If a Middle School student chooses to take courses that earn High School credit (currently Algebra 1) the grade earned will be calculated into their High School GPA and class rank. The class and grade will be listed on their High School transcript.

Classes 2030 and after:

All middle school courses that count as high school graduation requirements, completed prior to the promotion from 8th grade will have their grades recorded, but not calculated towards the students GPA, on their high school transcript.

Learning Opportunities

Hamilton Community Schools takes pride in individualizing education for all learners and we continue to grow options for all students. Among our many options are Hamilton Virtual online courses. Hamilton Virtual serves full-time online students, alternative ed, and part-time (homeschooled) online students. All Hamilton Virtual classes are also offered and available to our traditional public school students. A complete list of the non-essential electives offered through Hamilton Virtual are listed at <https://www.hamiltonschools.us/schools/hvs/online-classes/>. High School students should contact their Counselor to request a core or elective Virtual class. If students are requesting an online class, the online application must be received in the Student Services Office by the final day of High School Orientation for Trimester 1 and at least two weeks before the start of the trimester for Trimesters 2 and 3. For additional information on available online classes through Hamilton Virtual or other vendors, and to find out if they would work for your learner, please contact Mary Wilkinson, mwilkins@hamiltonschools.us

NAIA Eligibility Center www.playnaia.org/eligibility-center

The National Association of Intercollegiate Athletics is an association that boasts a proud tradition of intercollegiate athletics, academic excellence, and character values. The NAIA Eligibility Center, at PlayNAIA.org, is responsible for determining the NAIA eligibility of first-time student athletes. Students must receive an eligible decision by the NAIA Eligibility Center prior to competing for the first-time in the NAIA, and all NAIA schools are bound by the center's decisions. Every student interested in playing sports at NAIA colleges for the first time needs to register online with the NAIA Eligibility Center and receive an eligible determination. This applies to high school seniors and transfers from both two- and four-year colleges. For additional information, please contact the Student Services Office, counseling@hamiltonschools.us

NCAA Eligibility Center www.eligibilitycenter.org

Want to play college sports? You need to be certified by the NCAA Eligibility Center to compete at an NCAA Division I or II school. If you want to play NCAA sports at a Division I or II school, you need to register for a Certification Account with the NCAA Eligibility Center. College-bound student-athletes in Division III can also create a Profile Page to receive important updates about being a student-athlete and preparing for college. Students who are not sure which division they want to compete in can create a Profile Page and transition to a Certification Account if they decide to play Division I or II sports. For additional information, please contact the Student Services Office, counseling@hamiltonschools.us.

Personal Curriculum

Students and/or a student's parent/legal guardian(s) are entitled to request a Personal Curriculum that modifies certain Michigan Merit Standard requirements. Personal Curricula are subject to school approval, as provided in state law. If all of the requirements for a Personal Curriculum are met, then a high school diploma may be awarded to a student who successfully completes his/her Personal Curriculum, even if that curriculum does not meet the requirements of the Michigan Merit Standard. To apply for a Personal Curriculum, please contact the Student Services Office, counseling@hamiltonschools.us

Scheduling and Schedule Changes

Students will request classes in January for the following school year. Students are asked to be very confident in their choice, since the master schedule is based on student requests. Students can access their schedule through PowerSchool. If students are requesting an online class, the online application must be received in the Student Services Office two weeks prior to the start of the new term. All schedule changes must be requested to the Student Services Office by 3:00pm on the third day of the new trimester.

Senior Scholars

Hamilton High School values and honors high academic achievement at its graduation ceremony. At the end of the second term of their senior year, students will have their cumulative GPA and SAT scores calculated into an "Honors" list. Honor points will be determined by the following formula: $\text{GPA} \times 400 + \text{SAT} = \text{potential honor points}$. As in all other GPA calculations, there will be no rounding of GPA or points. These students will be individually honored at the graduation ceremony and articles of their accomplishments will be submitted to the local media. The students with the top two cumulative scores will be recognized as the Valedictorian and Salutatorian of the class.

Students will be ranked 3 times each school year:

- After 1st Trimester grades and December SAT scores are recorded
- After 2nd Trimester grades and March SAT scores are recorded (12th grade final rank)
- After 3rd Trimester grades and June SAT scores are recorded (9th - 11th grade only)

Senior 3rd Trimester Exam Exemption

Seniors will be exempt from taking their 3rd Trimester exams if the following items are met:

- B (83% average) or better in that particular class
- Completed all required work

Seniors would retain the right to take an exam in an attempt to improve their grade. Senior 3rd Trimester Exam Exemptions do not apply to Dual Enrollment, Early College, and/or online courses.

* Failure to complete the required exam will result in a student's inability to walk at graduation.

Testing Out

Hamilton High School students may opt to test out of high school classes. Students successfully testing out will receive credit equivalent to the credit earned by students enrolled in the course, but will not receive a letter grade. Testing out of a course will not affect a student's grade point average either positively or negatively. If the student passes, will only be reflected on a transcript as a Credit, "CR". In order to test out of a course, a student must pass the comprehensive final exam, project or other cumulative assessment with a minimum of 77%. Successful completion of a test out course closes the opportunity of obtaining credit in that course and lower courses at a later date. These assessments are given individually for single marking period courses and as a full course assessment for multimarking period courses, unless otherwise approved by high school administration. A student will have only one opportunity to test out of a specific course.

[Michigan Department of Education Testing Out](#)

Work Based Learning (WBL) Graduation Requirements (**Beginning with the Class of 2027**)

[Work Based Learning Graduation Requirements](#)

In order to graduate from Hamilton Community Schools, all students must complete three of the tasks listed below. At least one of the activities must come from the training category.

Preparation

Learning that requires direct interaction over a period of time with a professional requiring application of transferable skills

Training

Learning that happens through on-the-job experience.

Hamilton Community Schools Educational Development Plans

(Naviance Scope and Sequence-Activities by Grade Level)

GOAL: Assist students in accessing Naviance to identify career pathways of interest, create a student portfolio, document activities that demonstrate personal achievement/growth, and create a meaningful post-secondary plan.

	7th Grade	8th grade	9th grade	10th grade	11th grade	12th grade
Tasks in this box must be completed each year by September 30 (HHS)/Christmas Break (HMS)	Career Cluster Finder	*Career Cluster Finder	*Career Cluster Finder	Career Cluster Finder	Career Cluster Finder	*Resume
	Favorite Career Clusters	*Favorite Career Clusters	*Favorite Career Clusters	*Favorite Career Clusters	Resume	Graduation Plan Survey
	Career Key Assessment	Career Interest Profiler	Strengths Explorer (one time only-fall 9th grade)	Career Interest Profiler	Post Secondary Plan Survey	
	Career Interest Profiler	*Add Careers to List	*Add Careers to List	*Add Careers to List		
	Add Careers to List	Academic SMART goal	Road Trip Nation (recommended)	Post Secondary Plan Survey		
	Road Trip Nation	AchieveWorks Personality	Post Secondary Plan Survey	AchieveWorks Personality		
	Academic SMART Goal	AchieveWorks Learning and Productivity		AchieveWorks Learning and Productivity		
		AchieveWorks Intelligences		AchieveWorks Intelligences		
		AchieveWorks Skills		AchieveWorks Skills		
		Road Trip Nation				
Tasks in this box are Recommended, but not required, grade level tasks				Road Trip Nation (recommended)	College Super Match (recommended)	
					Add Colleges to list (recommended)	
					Road Trip Nation (recommended)	

- *Task is listed in multiple years to allow for students to update the task.
- SMART Goals and Post Secondary Plan Survey should be redone each year as shown.

Hamilton Community Schools Educational Development Plans

Scope and Sequence (via Naviance)

Required Activities & Tasks	Activity / Task Description
Career Cluster Finder	This activity will help students learn what career clusters (broad categories of work) may be a good match based on activities that interest the student, personal qualities, and subjects they enjoy in school.
Career Key	This introductory activity will help students discover their Holland personality type (RIASEC), more commonly known as their Holland Code. Based on strengths, values, personality, and skills, this test can help identify the most promising career choices.
Career Interest Profiler	This activity will help students discover the more specific types of work activities and careers that match their interests.
Saved/Favorite Careers	Allows students to “save” careers of interest.
Saved/Favorite Career Clusters	Allows students to “save” clusters of interest.
College Super Match	This activity allows students to narrow their potential college (post-secondary education) choices based on the most important (or desired) criteria.
Add Colleges to List	Allows students to “save” colleges of interest
Strengths Explorer	This activity, powered by Gallup, will help students to recognize their talents and reveal their potential strengths. <i>(note: this assessment may only be taken once by each student)</i>
Achieveworks Learning and Productivity	This activity will help students to recognize the ways they learn best and how they can be the most productive.
Achieveworks Intelligences	This activity will help students to understand the ways they deal with information, solve problems, and create things.
Achieveworks	This activity will help reveal to students their true personality and provide tips to achieving success in a way that works for the student.

Personality	
Achieveworks Skills	This activity will help examine skills critical in school and the workplace by helping understand a student's skills and ways to further develop those skills.
Surveys (myriad topics)	Surveys are a way to poll or gather information or gain insight or feedback from large or small groups of students. Topics of these surveys will vary, but can be created by school employees and sent out to students via the Naviance platform.
Resume Builder	Resume Builder is a way for students to record individual achievements, work or volunteer experience, extracurricular involvement, skills, and education into a resume template that will build over time.
Create a SMART goal	This activity will ask students to create Specific, Measurable, Achievable, Relevant, and Timely goals for academic or career settings.
Road Trip Nation: "Define Your Road"	RoadTrip Nation is an interview archive of nearly 1000 people. "Define Your Road" is a short assessment that matches student passions and interests with interviewees whose careers or lifestyles coincide.

Naviance Scope and Sequence approved by the Hamilton Community Schools Board of Education July 22, 2020

STANDARDIZED TESTING

Throughout the four years of high school, students will take several standardized tests. These tests are designed to measure a student's skills, strengths, weaknesses, and interests.

<u>MICHIGAN MERIT EXAM (MME)</u>
Date: School Day Test Mid-April
Who: 11th grade students
Purpose: The MME is the state assessment administered to all students enrolled in grade 11 and consists of three major components: the SAT college entrance examination, the WorkKeys job skills assessments in Reading, Mathematics, and Locating Information, and M-STEP summative assessments in Science and Social Studies. The combined MME assessment measures student proficiency of the Michigan high school standards, benchmarks, and core content expectations.
Website: Michigan Merit Examination MME

<u>SAT</u>	<u>PSAT / NMSQT</u>
Date: School Day Test Mid-April Date: Individual Test Dates various throughout the school year	Date: School Day Test October
Who: 11th grade students	Who: 11th grade students
Purpose: This is one of two major college admissions assessments. The SAT tests the Reading, Writing/Language, and Math skills that students learn in school and that are critical for success in college and beyond.	Purpose: This is one of two major college admissions assessments. It measures students' abilities in the areas of English, Math, Reading, Science and Writing (optional – check with individual colleges to see if they require it).
Website: The SAT Suite of Assessments	Website: The PSAT/NMSQT

<u>PSAT 10</u>	<u>PSAT 8 / 9</u>
Date: School Day Test Mid-April	Date: School Day Test Mid-April
Who: 10th grade students	Who: 9th grade students
Purpose: Take the PSAT 10 to measure readiness for college, access scholarships, and practice for the SAT.	Purpose: Take the PSAT 8/9 to get early feedback on your knowledge in the areas that matter most for college and career readiness.
Website: PSAT 10	Website: PSAT 8/9

ACT

Date: Individual Test Dates various throughout the school year

Who: College-bound students

Purpose: This is one of two major college admissions assessments. It measures students' abilities in the areas of English, Math, Reading, Science and Writing (optional – check with individual colleges to see if they require it).

Website: [The ACT Test for Students](#)

ADVANCED PLACEMENT (AP) EXAMS

Date: Registration begins in September. Exams are administered in May on dates prescribed by the [College Board](#).

Who: AP students

Purpose: AP courses are college-level classes taught in high school. Students may take AP courses if they have the necessary prerequisites. Students can earn college credit by achieving qualifying scores (1-5) on these exams. Students should check with the colleges they are interested in attending to determine the college's policy regarding AP credit. [College Board AP Credit Policy Search](#). AP Courses will have a 1.25 weighted average associated with the letter grade. Students who elect to enroll in AP courses are encouraged to take the AP Exam at the conclusion of the course. During the 1st trimester, the exam fee will be collected from those electing to take the AP Exam in May.

Website: [College Board - SAT, AP, College Search and Admission Tools](#)

FOUR CORE CONTENT AREA PROGRESSIONS

English Progression			
9th	10th	11th	12th
English 9	English 10	English 11	English 12
		Integrated World History*	AP Literature &/ or AP Language
		AP Literature	AP Language
English 9	AP Seminar*	AP Literature	AP Language
		Integrated World History*	AP Literature &/or AP Language
		English 11	English 12

To use these tools, speak with your student(s) about what they would like to do after high school. Then begin with the 9th grade column and find the course that best fits the start of their career. Then look to the 12th grade courses and find a course that best fits their post high school needs. Then determine the 10th and 11th grade course that best completes the path.

Darker Colors - Most typical progressions
 Lighter Colors - More difficult or less typical
 * - Course with Prerequisites
 (Click any course for specific course information)

This information shows often followed routes students complete courses in. There are more creative avenues for specialized needs that can be discussed with counselors.

Math Progression			
9th	10th	11th	12th
Algebra 1	Geometry	Algebra 2	AP Pre-Calculus
			CTC Courses*
			Statistics
			Personal Finance 1 / Personal Finance 2
	Geometry & Algebra 2	Statistics	AP Pre-Calculus
			Co-Op
		AP Pre-Calculus	AP Calculus
			Statistics
RTI Algebra 1	RTI Geometry	RTI Algebra 2	CTC Courses*
			Co-Op
			Personal Finance 1 / Personal Finance 2
Geometry	Algebra 2	AP Pre-Calculus	AP Calculus
			Dual Enrollment
		Statistics	AP Pre-Calculus
			CTC Courses*

To use these tools, speak with your student(s) about what they would like to do after high school. Then begin with the 9th grade column and find the course that best fits the start of their career. Then look to the 12th grade courses and find a course that best fits their post high school needs. Then determine the 10th and 11th grade course that best completes the path.

Darker Colors - Most typical progressions
 Lighter Colors - More difficult or less typical
 * - Course with Prerequisites
 (Click any course for specific course information)

This information shows often followed routes students complete courses in. There are more creative avenues for specialized needs that can be discussed with counselors.

Science Progression			
9th	10th	11th	12th
Biology	Physical Science	Chemistry	AP Chemistry*
		Physics *	AP Physics*
		Human Anatomy*	Dual Enrollment*
		CTC Courses*	CTC Courses*
Biology	Chemistry	AP Chemistry*	Physics*
		Physics*	Human Anatomy*
		Human Anatomy*	Dual Enrollment*
		CTC Courses*	CTC Courses*

To use these tools, speak with your student(s) about what they would like to do after high school. Then begin with the 9th grade column and find the course that best fits the start of their career. Then look to the 12th grade courses and find a course that best fits their post high school needs. Then determine the 10th and 11th grade course that best completes the path.	Darker Colors - Most typical progressions Lighter Colors - More difficult or less typical * - Course with Prerequisites (Click any course for specific course information)
This information shows often followed routes students complete courses in. There are more creative avenues for specialized needs that can be discussed with counselors.	

Social Studies Progression			
9th	10th	11th	12th
Economics 1 / Economics 2 / Civics	US History	World History	AP US History
		Integrated World History*	AP World History
		AP World History &/or AP US History	AP US History

To use these tools, speak with your student(s) about what they would like to do after high school. Then begin with the 9th grade column and find the course that best fits the start of their career. Then look to the 12th grade courses and find a course that best fits their post high school needs. Then determine the 10th and 11th grade course that best completes the path.	Darker Colors - Most typical progressions Lighter Colors - More difficult or less typical * - Course with Prerequisites (Click any course for specific course information)
This information shows often followed routes students complete courses in. There are more creative avenues for specialized needs that can be discussed with counselors.	

COURSE INFORMATION

Recommended Courses by Grade

9th Grade

English 9
Algebra 1 or Geometry
Biology
Civics / Economics 1 & 2

10th Grade

English 10 or AP Seminar
Geometry or Algebra 2
Chemistry or Physics or Phys Sci
US History and Geography

11th Grade

English 11* or AP English Lit
Algebra 2 or 3rd year Math
3rd year Science
Test Prep
World History and Geography

12th Grade

English 12 or AP English Lang &/or Lit
Senior Math Experience

*Integrated World Hist & Lit (in place of Eng 11 & WH)

Additional Required Courses

Health 1, PE, VPAA, World Language

VPAA approved courses

(Visual, Performing, Applied Arts)

Art 1
Art 2
Art in 3-D
Business Development
Business Innovations
Ceramics
Covering Hawkeye Sports
Dance 1
Drawing 1
Drawing 2
Guitar
Guitar 2
Honors Choir
HVAC (Heating, Ventilation, and Air Conditioning)
Musical Theatre Chorus
Painting 1
Painting 2
Photoshop Creation of Composites
Photoshop Alterations of Photos
Professional Selling
School Store Marketing
Science Olympiad
Script Writing
Symphonic Band
Theatre
Women's Chorale
Writing Exploration
Writing for Publications
**Careerline Tech Center Classes
**Other Courses with Administrator approval

SME approved courses

(Senior Math Experience)

Accounting 1
AP Calculus AB
AP Chemistry
AP Physics C: Mechanics
AP Pre-Calculus
Business Development
Chemistry
Cooperative Education (Co-Op)
HVAC (Heating, Ventilation, and Air Conditioning)
Intro to Teaching/Teaching Practice
Personal Finance 1
Personal Finance 2
Physics
Professional Selling
School Store Marketing
Statistics
**Careerline Tech Center Classes
**Dual Enrollment with Administrator approval
**Other Courses with Administrator approval

AP courses

(Advanced Placement)

AP Calculus AB
AP Chemistry
AP English Language and Comp
AP English Literature and Comp
AP Physics C: Mechanics
AP Pre-Calculus
AP Seminar
AP Spanish Language and Culture
AP US History
AP World History: Modern
**Other Courses with Administrator approval

Elective Courses

Abnormal Psychology	Dual Enrollment	Script Writing*
Accounting 1	Early College	Social Studies
Agricultural Science	Foreign Policy	Spanish 1
AP Calculus AB	Guitar	Spanish 2
AP Chemistry	Guitar 2	Spanish 3
AP English Language and Composition	Health 2	Spanish 4
AP English Literature and Composition	History at the Movies	Statistics
AP Physics C: Mechanics	Honors Choir*	Strength & Movement*
AP Pre-Calculus	Human Anatomy	Strength & Movement - Zero Hour*
AP Seminar	HVAC (Heating, Ventilation, and Air Conditioning)	Symphonic Band*
AP Spanish Language	Intro to Teaching / Teaching Practices	Team Sports & Fitness*
AP US History	Lifeguarding	Theatre
AP World History: Modern	Mental Health Awareness	Unified PE / Health*
Art 1	Musical Theatre Chorus*	Women's Chorale*
Art 2	Online Courses	Women's Fitness*
Art in 3-D	Painting 1	Writing Exploration*
Business Development	Painting 2	Writing for Publication*
Business Innovations	Personal Finance 1	
Careerline Tech Center	Personal Finance 2	
Ceramics	Photoshop Creation of Composites	
Cooperative Education (Co-Op)*	Photoshop Alterations fo Photos	
Covering Hawkeye Sports*	Professional Selling	
Dance 1**	Psychology	
Drawing 1	School Store Marketing	
Drawing 2	Science Olympiad	

*Course may be repeated. Please check the course descriptions below.

Careerline Tech Center Programs

Open to 11th and 12th graders, CTC is a vocational school open to students in the schools in the Ottawa Area Intermediate School District. Instruction and hands-on experience are offered in 28 career options. Careerline Tech Center courses are open to all 11th and 12th graders regardless of race, color, national origin, sex, or disability. For complete descriptions and more information go to: <https://www.oaisd.org/ctc/programs>

Agriculture, Food & Natural Resources

[Agriculture & Animal Science](#)

[Environmental Field Studies](#)

Arts & Communication

[Graphic Design](#)

[Media Communications](#)

Business, Management, Marketing & Technology

[Business Management](#)

[Culinary Arts](#)

[Entrepreneurship & Global Business](#)

[IT: Network & Security](#)

[Pastry Arts & Baking](#)

[Software & Game Development](#)

Construction

[Construction](#)

[Electrical/Alternative Energy](#)

[Plumbing & Water Systems](#)

Engineering/Manufacturing

[Engineering Design & Machine Technologies](#)

[Mechatronics/Robotics](#)

[Welding](#)

Health Sciences

[Advanced Healthcare](#)

[Dental Careers](#)

[Emergency Medical Services](#)

[Health Careers/Certified Nurse Aide \(CNA\)](#)

[Health Careers/Patient Care Tech \(PCT\)](#)

[Health Careers/Phlebotomy](#)

[Health Careers/Surgical Tech](#)

Human Services

[Cosmetology](#)

[Fire and Rescue](#)

[Public Safety & Security Services](#)

[Teacher Academy](#)

Transportation

[Auto Body Repair](#)

[Automotive Technology](#)

[Diesel/Heavy Equipment Mechanics](#)

TO APPLY FOR A CAREERLINE TECH CENTER CLASS

The application process begins in **January**. Go to <https://www.oaisd.org/ctc/student-services/enrollment/> to apply. A parent/guardian must fill out the application, following steps 1-7 under Student Electronic Enrollment.

Courses by Department

ART Art 1 Art 2* Art in 3-D* Ceramics* Drawing 1* Drawing 2* Painting 1* Painting 2*	BUSINESS Accounting 1 Business Development Business Innovations Cooperative Education (Co-Op)* Personal Finance 1 Personal Finance 2* Photoshop Creation of Composites Photoshop Alterations fo Photos Professional Selling School Store Marketing	ENGLISH AP English Language and Comp AP English Literature and Comp AP Seminar* Covering Hawkeye Sports English 9 English 10 English 11 English 12 Integrated World History and Lit* Script Writing Theatre Writing Exploration Writing for Publication*	MATH Algebra 1 Algebra 2* AP Calculus AB* AP Pre-Calculus* Geometry* RTI Algebra 1+ RTI Algebra 2+ RTI Geometry+ Statistics*
MUSIC Dance 1 Guitar Guitar 2* Honor's Choir* Music Theatre Chorus Symphonic Band Women's Chorale*	PHYSICAL EDUCATION Health 1 Health 2* Lifeguarding* Mental Health Awareness* Strength & Movement Strength & Movement - Zero Hour Team Sports & Fitness Unified PE / Health* Women's Fitness	SCIENCE Agricultural Science AP Chemistry* AP Physics C: Mech* Biology Chemistry Human Anatomy* Physical Science Physics* Science Olympiad*	SOCIAL STUDIES Abnormal Psychology* AP US History* AP World History: Modern Civics Economics 1 Economics 2 Foreign Policy Institute History at the Movies Integrated World History and Lit* Psychology Social Studies US History and Geography World History and Geography
WORLD LANGUAGE AP Spanish Language and Culture* Heritage Spanish Spanish 1 Spanish 2* Spanish 3* Spanish 4*	MISCELLANEOUS Careerline Tech Center* Dual Enrollment* Early College* Guided Academics+ Hawkeye Prep+ Hawkeye Success+	HVAC (Heat, Vent, and Air Cond) Intensive Resource (IR) / Merit+ Intro to Teaching/Teaching Practices* Online Courses* Test Prep Workshop 9, 10, 11, 12+	

*Course has a prerequisite. Please check the course descriptions below.

+Placed courses.

All Courses

Accounting 1	1 term	.5 cr	10-12	SME
Abnormal Psychology	1 term	.5 cr	11, 12	
Agricultural Science	3 terms	1.0 cr	9-12	
Algebra 1	3 terms	1.0 cr	9	
Algebra 2	3 terms	1.0 cr	10-11	
AP Calculus AB	3 terms	1.0 cr	12	SME
AP Chemistry	3 terms	1.0 cr	11, 12	SME
AP English Language and Comp	3 terms	1.0 cr	12	
AP English Literature and Comp	3 terms	1.0 cr	11, 12	
AP Physics C: Mechanics	3 terms	1.0 cr	12	SME
AP Pre-Calculus	3 terms	1.0 cr	11, 12	SME
AP Seminar	3 terms	1.0 cr	10	
AP Spanish Language	3 terms	1.0 cr	9-12	
AP US History	3 terms	1.0 cr	11, 12	
AP World History: Modern	3 terms	1.0 cr	11, 12	
Art 1	1 term	.5 cr	9-12	VPAA
Art 2	1 term	.5 cr	9-12	VPAA
Art in 3-D	1 term	.5 cr	9-12	VPAA
Biology	3 terms	1.0 cr	9	
Business Development	3 terms	1.5 cr	10-12	VPAA/SME
Business Innovations	1 term	.5 cr	10-12	VPAA
Careerline Tech Center (CTC)	3 terms	4.5 cr	11, 12	VPAA/SME
Ceramics	1 term	.5 cr	10-12	VPAA
Chemistry	3 terms	1.0 cr	10-12	SME
Civics	1 term	.5 cr	9	
Cooperative Education (Co-Op)	3 terms	3.0 cr	11, 12	SME
Covering Hawkeye Sports	1 term	.5 cr	9-12	VPAA
Dance 1	1 term	.5 cr	9-12	VPAA
Drawing 1	1 term	.5 cr	9-12	VPAA
Drawing 2	1 term	.5 cr	9-12	VPAA
Dual Enrollment			11, 12	
Early College			11, 12	
Economics 1	1 term	.5 cr	9	
Economics 2	1 term	.5 cr	9	
English 9	3 terms	1.0 cr	9	
English 10	3 terms	1.0 cr	10	
English 11	3 terms	1.0 cr	11	
English 12	3 terms	1.0 cr	12	
Foreign Policy Institute	1 term	.5 cr	11, 12	
Geometry	3 terms	1.0 cr	9, 10	
Guided Academics	1 term	.5 cr	9-12	Placed
Guitar	1 term	.5 cr	9-12	VPAA
Guitar 2	1 term	.5 cr	9-12	VPAA
Hawkeye Prep	1 term	.5 cr	9	Placed
Hawkeye Success	1 term	.5 cr	10	Placed
Health 1	1 term	.5 cr	9-12	

Health 2	1 term	.5 cr	10-12	
Heritage Spanish	1 term	.5 cr	9-12	
History at the Movies	1 term	.5 cr	12	
Honors Choir	1 term	1.5 cr	9-12	VPAA
Human Anatomy	3 terms	1.0 cr	11, 12	
HVAC (Heating/Ventilation/Air Conditioning)	3 terms	3.0 cr	9-12	VPAA/SME
Integrated World History and Lit	3 terms	2.0 cr	11	
Intensive Resource (IR) / Merit	1 term	.5 cr	9-12	Placed
Intro to Teaching/Teaching Practice	3 terms	3.0 cr	12	SME
Lifeguarding	1 term	.5 cr	10-12	
Mental Health Awareness	1 term	.5 cr	10-12	
Musical Theatre Chorus	3 terms	1.5 cr	9-12	VPAA
Online Courses			9-12	
Painting 1	1 term	.5 cr	9-12	VPAA
Painting 2	1 term	.5 cr	10-12	VPAA
Personal Finance 1	1 term	.5 cr	10-12	SME
Personal Finance 2	1 term	.5 cr	10-12	SME
Photoshop Creation of Composites	1 term	.5 cr	9-12	VPAA
Photoshop Alterations fo Photos	1 term	.5 cr	9-12	VPAA
Physical Science	3 terms	1.0 cr	10, 11	
Physics	3 terms	1.0 cr	10-12	SME
Professional Selling	1 term	.5 cr	10-12	VPAA/SME
Psychology	1 term	.5 cr	11, 12	
School Store Marketing	1 term	.5 cr	9-12	VPAA/SME
Science Olympiad	1 term	.5 cr	9-12	VPAA
Script Writing	1 term	.5 cr	9-12	VPAA
Social Studies	1 term	.5 cr	11, 12	
Spanish 1	3 terms	1.0 cr	9-12	
Spanish 2	3 terms	1.0 cr	9-12	
Spanish 3	2 terms	1.0 cr	9-12	
Spanish 4	2 terms	1.0 cr	9-12	
Statistics	3 terms	1.0 cr	10-12	SME
Strength & Movement	1 term	.5 cr	9-12	
Strength & Movement - Zero Hour	1 term	.5 cr	9-12	
Symphonic Band	3 terms	1.5 cr	9-12	VPAA
Team Sports & Fitness	1 term	.5 cr	9-12	
Test Prep	1 term	.5 cr	11	
Theatre	1 term	.5 cr	10-12	VPAA
Unified PE / Health	1 term	.5 cr	9-12	
US History and Geography	3 terms	1.0 cr	10	
Women's Chorale	3 terms	1.5 cr	9-12	VPAA
Women's Fitness	1 term	.5 cr	9-12	
Workshop 9, 10, 11, 12	1 term	.5 cr	9-12	Placed
World History and Geography	3 terms	1.0 cr	11	
Writing Exploration	1 term	.5 cr	10-12	VPAA
Writing for Publication	3 terms	1.5 cr	10-12	VPAA

Course Descriptions (alphabetical listing)

ACCOUNTING 1

Open to grades 10, 11, 12

.5 credit (1 term)

SME approved

This course may NOT be repeated

Accounting is an elective course intended to provide a solid foundation for students with various career objectives. Some students seek preparation for entry-level accounting jobs or are interested in owning their own business one day. Others look forward to careers in related business fields for which knowledge of some accounting is needed. Some students seek a foundation on which to continue studying business and accounting at the collegiate level. The complete accounting cycle in its simplest form is presented, and students learn the basic procedures used to operate a business. Using computer skills, students perform accounting tasks for service businesses organized as proprietorships and for merchandising businesses organized as corporations for a complete accounting cycle.

ABNORMAL PSYCHOLOGY

Open to grades 11, 12

.5 credit (1 term)

This course may NOT be repeated

Prerequisite: Earned credit in Psychology

Psychology is the scientific study of behavior and mental processes. Abnormal Psychology is the branch of Psychology that is devoted to the study, assessment, treatment, and prevention of maladaptive behavior. Students will focus on the theories, research, characteristics, and various treatments associated with these disorders. Areas of focus will include anxiety disorders, mood disorders, dissociative disorders, schizophrenia, and personality disorders.

AGRICULTURAL SCIENCE

Open to grades 9, 10, 11, 12

1.0 credit (3 terms)

This course may NOT be repeated

A CTE Agriculture class provides students with hands-on learning experiences in plant science, animal science, natural resources, and agricultural technology. Students gain practical skills through activities such as caring for animals, managing crops, using industry tools, and exploring modern agricultural practices. The course helps students understand the role of agriculture in local and global food systems while preparing them for related careers. This course is not being offered in the 2026-2027 school year.

ALGEBRA 1

[return to Math Progression page](#)

Open to grade 9

1.0 credit (3 terms)

This course may NOT be repeated

This course includes basic mathematical concepts and skills that are needed in future mathematics courses. Topics covered include: reasoning with quantities, function notation, linear equations and inequalities, exponential equations, quadratic equations, modeling real-world situations, and descriptive statistics.

ALGEBRA 2

[return to Math Progression page](#)

Open to grades 9,10, 11 1.0 credit (3 terms)

This course may NOT be repeated

Prerequisite: Earned credit in Geometry or concurrent with Geometry

This course will continue the development of math topics from Algebra 1 and Geometry. Other topics will include: polynomial, radical, rational, exponential, and logarithmic relationships; trigonometric functions; modeling with functions; and drawing inferences and conclusions from statistical data. A graphing calculator is required (TI-83 + /TI-84 is recommended).

AP CALCULUS AB (Advanced Placement)

[return to Math Progression page](#)

Open to grade 10,11,12 1.0 credits (3 terms) SME Approved

This course may NOT be repeated

Prerequisite: Earned credit in Pre-Calculus with a recommended B average minimum

This course is intended for students who have a thorough knowledge of college preparatory mathematics. It will introduce Calculus with elementary functions. This class will go much more in-depth than general Calculus. Students planning to go into math, science, technology, and engineering fields in college should take AP Calculus. A graphing calculator is required (TI-83 + /TI-84 is recommended). AP Courses will have a 1.25 weighted average associated with the letter grade. Students who elect to enroll in AP courses are encouraged to take the AP Exam at the conclusion of the course. During the 1st trimester, the exam fee will be collected from those electing to take the AP Exam in May.

AP CHEMISTRY (Advanced Placement)

[return to Science Progression page](#)

Open to grades 11, 12 1.0 credits (3 terms) SME Approved

This course may NOT be repeated

Prerequisite: Earned credit in Chemistry with a recommended B average minimum

This course is designed to give students a solid first-year college chemistry experience, both conceptually and in the laboratory. Students must have successfully completed Chemistry to enroll in this class. Students will be prepared to take the AP Chemistry exam in the spring. AP Courses will have a 1.25 weighted average associated with the letter grade. Students who elect to enroll in AP courses are encouraged to take the AP Exam at the conclusion of the course. During the 1st trimester, the exam fee will be collected from those electing to take the AP Exam in May.

AP ENGLISH LANGUAGE AND COMPOSITION (Advanced Placement)

[return to English Progression page](#)

Open to grade 12 1.0 credits (3 terms)
Fulfills English 12 requirements

This course may NOT be repeated

Like AP Literature and Composition, this is a class for students who want to have good discussions and become better readers, writers, and thinkers. Our focus will be on nonfiction texts and the art of persuasion and rhetoric – both understanding how writers and speakers persuade and manipulate us and how we can better persuade our own readers and listeners. We'll discuss, read about, and write about current, relevant issues and how those issues are presented in the media and beyond. We will also prepare for college and the AP English Language and Composition exam in May. Not only will you have the potential for college credit, you'll also show prospective colleges that you have challenged yourself in high school – a huge admissions factor. AP Courses will have a 1.25 weighted average associated with the letter grade. Students who elect to enroll in AP courses are encouraged to take the AP Exam at the conclusion of the course. During the 1st trimester, the exam fee will be collected from those electing to take the AP Exam in May.

AP ENGLISH LITERATURE AND COMPOSITION (Advanced Placement)

[return to English Progression page](#)

Open to grades 11, 12 1.0 credits (3 terms)
Fulfills English 11 or English 12 requirements

This course may NOT be repeated

Do you want to take a sweet class with excellent company? AP English Literature and Composition is that class. Yes, we read *lots* of literature, and yes, we do *lots* of writing. We also prepare for the rigors of college and for successful completion of the AP English Lit and Comp exam in May. And when you apply for college acceptance during your senior year, this class helps to answer the question colleges ask as one of their main criterion: What demanding classes did a student take in high school? All AP classes meet that “strength of schedule” goal. Please consider joining us. You'll be glad you did. AP Courses will have a 1.25 weighted average associated with the letter grade. Students who elect to enroll in AP courses are encouraged to take the AP Exam at the conclusion of the course. During the 1st trimester, the exam fee will be collected from those electing to take the AP Exam in May.

AP PHYSICS C: MECHANICS (Advanced Placement)

[return to Science Progression page](#)

Open to grade 12 1.0 credits (3 terms) SME Approved
Prerequisite: Earned credit in Physics with a recommended B average minimum AND concurrent with AP Calculus

This course may NOT be repeated

AP Physics is a CALCULUS based course designed to be taken by students who plan to major in engineering, computer science, or any other science related field. It can be taken by anyone who has completed AP Calculus or is enrolled in AP Calculus. Students may also earn college Physics credit, based on their AP Exam results. AP Courses will have a 1.25 weighted average associated with the letter grade. Students who elect to enroll in AP courses are encouraged to take the AP Exam at the conclusion of the course. During the 1st trimester, the exam fee will be collected from those electing to take the AP Exam in May.

AP PRE-CALCULUS (Advanced Placement)

[return to Math Progression page](#)

Open to grade 11, 12 1.0 credits (3 terms) SME Approved

This course may NOT be repeated

Prerequisite: Earned credit in Algebra 2 with a recommended B average minimum

Taking AP Precalculus prepares you for other college-level mathematics and science courses. During the course, you'll explore everyday situations using mathematical tools and lenses. You'll also develop an understanding of modeling and functions, and examine scenarios through multiple representations. The course framework outlines content and skills needed for careers in mathematics, physics, biology, health science, social science, and data science. A graphing calculator is required (TI-83 + /TI-84 is recommended). AP Courses will have a 1.25 weighted average associated with the letter grade. Students who elect to enroll in AP courses are encouraged to take the AP Exam at the conclusion of the course. During the 1st trimester, the exam fee will be collected from those electing to take the AP Exam in May.

AP SEMINAR (Advanced Placement)

[return to English Progression page](#)

Open to grade 10 1.0 credits (3 terms)

This course may NOT be repeated

Prerequisite: Based on students PSAT / iReady scores

Fulfills English 10 requirement

AP Seminar is for students who are strong English students and have scored well on standardized English assessments. This class is preparation for future AP courses as well. AP Seminar is an interdisciplinary course that encourages students to demonstrate critical thinking, collaboration, and academic research skills on topics of the student's choosing. Develop and practice the skills in research, collaboration, and communication that you'll need in any academic discipline. You'll investigate topics in a variety of subject areas, write research-based essays, and design and give presentations both individually and as part of a team. Students may also earn college credit, based on their AP Exam results. AP Courses will have a 1.25 weighted average associated with the letter grade. Students who elect to enroll in AP courses are encouraged to take the AP Exam at the conclusion of the course. During the 1st trimester, the exam fee will be collected from those electing to take the AP Exam in May.

AP SPANISH LANGUAGE AND CULTURE (Advanced Placement)

Open to grades 9, 10, 11, 12 1.0 credits (3 terms)

This course may NOT be repeated

Prerequisite: Earned credit in Spanish 4

This course will focus on the acquisition of vocabulary on a variety of topics and the application of all vocabulary and grammatical structures learned in the previous four years of study. Students will write, speak, listen, and read Spanish on a variety of authentic sources on a variety of real world topics and themes emphasized on the AP Spanish Exam. Students will also study, compare, and contrast cultures in which the Spanish language is spoken. Spanish will be the only language spoken in class. AP Courses will have a 1.25 weighted average associated with the letter grade. Students who elect to enroll in AP courses are encouraged to take the AP Exam at the conclusion of the course. During the 1st trimester, the exam fee will be collected from those electing to take the AP Exam in May.

AP US HISTORY (Advanced Placement)

[return to Social Studies Progression page](#)

Open to grades 11, 12 1.0 credits (3 terms)

This course may NOT be repeated

Prerequisite: Earned credit in US History with a recommended B average minimum

AP U.S. History is a challenging course that is meant to be the equivalent of a freshman college course and can earn students college credit. It is a year-long survey of American history from the Age of Exploration and Discovery to the Present. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study, are necessary to succeed. Emphasis is placed on critical and evaluative thinking skills, essay writing, interpretation of original documents, and historiography. A short research paper may be required. AP Courses will have a 1.25 weighted average associated with the letter grade. Students who elect to enroll in AP courses are encouraged to take the AP Exam at the conclusion of the course. During the 1st trimester, the exam fee will be collected from those electing to take the AP Exam in May.

AP WORLD HISTORY: MODERN (Advanced Placement)

[return to Social Studies Progression page](#)

Open to grades 11, 12 1.0 credits (3 terms)

This course may NOT be repeated

Fulfills World History requirement

AP World History Modern is a course where students investigate significant events, individuals, developments, and processes from the year 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places. Students will need to have strong reading and comprehension skills to excel in this class, along with a solid work ethic to accomplish all of the homework and additional research that is required. Students who elect to enroll in AP courses are encouraged to take the AP Exam at the conclusion of the course. During the 1st trimester, the exam fee will be collected from those electing to take the AP Exam in May.

ART 1

Open to grades 9, 10, 11, 12 .5 credit (1 term) VPAA Approved

This course may NOT be repeated

This course is designed for the artistic and non-artistic student, alike. It is an introduction to basic drawing techniques, such as perspective, freehand, shading, etc., and painting (color theory). This class will also incorporate basic design principles. Introduction to Art provides a strong foundation for more advanced techniques and materials used in the higher level classes.

ART 2

Open to grades 9, 10, 11, 12 .5 credit (1 term) VPAA Approved

This course may NOT be repeated

Prerequisite: Earned credit in Art 1 or Art Basics

This course is for any student who has passed Art 1 and wishes to continue to develop more advanced skills in a broad spectrum of 2D and 3D art mediums. Projects may include, but are not limited to, developing techniques and creating art in the areas of drawing, painting, sculpture, printmaking, and other mixed media projects.

ART in 3-D

Open to grades 9, 10, 11, 12 .5 credit (1 term) VPAA Approved
Prerequisite: Earned credit in Art 1 or Art Basics

This course may NOT be repeated

Students create fun, unique art that has height, width, and depth. Some of the featured materials include clay, paper mache', and foam core creations.

BIOLOGY

[return to Science Progression page](#)

Open to grade 9 1.0. credit (3 terms)

This course may NOT be repeated

This course explores concepts and principles that are the foundation for the study of all living things. This includes the structure and physiology of cells, DNA, protein synthesis, photosynthesis and respiration. Additionally this course explores the diversity of life through the study of genetics, scientific evolutionary principles and ecology.

BUSINESS DEVELOPMENT

Open to grades 10, 11, 12 1.5 credits (3 terms) VPAA / SME Approved

This course may NOT be repeated

Want to know how to start and run a successful business? Take Business Development. In Business Development, students will learn all the steps and processes to starting a new business and manage it successfully. Students will have the opportunity to learn the soft skills needed to excel in the workplace by building a collaborative work environment through hands-on experience, job shadowing, and real-life situational learning. Students will have the opportunity to be a member of DECA, the largest national student organization. Students will create their own employment materials and career portfolio, as well as receive fourth year math credit, if taken in their Senior year.

BUSINESS INNOVATIONS

Open to grades 10, 11, 12 .5 credit (1 term) VPAA Approved

This course may NOT be repeated

Students will be exposed to the Design Thinking problem-solving process, in which they will solve real-world problems for a local business. The class will be constructed using a Project-Based Learning environment where they will be working within a group of students and patterned after the I Challenge U model. Students will be paired with local businesses that will define a problem it wishes to have solved. Students will be given an opportunity to visit and tour the business and will work with a business-appointed liaison. The conclusion of the class will have students presenting solutions to the business. Solving the problem will require research skills, collaboration, and writing skills in the form of presenting specific findings that have been researched.

CAREERLINE TECH CENTER (CTC)

[return to Four Core Progression page](#)

Open to grades 11, 12 4.5 credits (3 terms, 3 hours per day) VPAA / SME Approved This course may NOT be repeated
Prerequisite: Complete application process

Open to 11th and 12th graders, CTC is a vocational school open to students in the schools in the Ottawa Area Intermediate School District. Instruction and hands-on experience are offered in 29 career options. Careerline Tech Center courses are open to all 11th and 12th graders regardless of race, color, national origin, sex, or disability. [Careerline Tech Center Website](#)

CERAMICS

Open to grades 10, 11, 12 .5 credit (1 term) VPAA Approved This course may NOT be repeated
Prerequisite: Earned credit in Art 1 or Art Basics

This course will cover pinch and coil hand-building techniques, slab construction, and wheel thrown clay. Students will demonstrate mastery of each technique and then proceed to design and execute student-generated ideas focused on form, function, and aesthetic appeal.

CHEMISTRY

[return to Science Progression page](#)

Open to grades 10, 11, 12 1.0 credit (3 terms) SME Approved This course may NOT be repeated

This course will explore Chemistry concepts at the introductory level. This course will cover topics in matter, the gas laws, states of matter and energy changes, chemical and physical changes, the internal structure of the atom, chemical bonding, chemical nomenclature, chemical reactions and equations, moles, and stoichiometry.

CIVICS

[return to Social Studies Progression page](#)

Open to grade 9 .5 credit (1 term) This course may NOT be repeated

Civics will provide students with an overview of the political system and their role as a citizen of the United States. Students will be able to understand and explain the values and principles of our democratic society as well as how those principles impact their rights and freedoms. Students will also demonstrate an understanding of their own involvement within the political sphere through studying the three branches of government and the founding documents of the United States. Students will be asked to utilize a variety of primary and secondary source documents, charts, graphics, and summarization techniques to demonstrate their knowledge.

COOPERATIVE EDUCATION (Co-Op)

[return to Math Progression page](#)

Open to grade 11, 12 3.0 credit (3 terms, 2 hours per day) SME Approved

This course may be repeated

Prerequisite: Complete application process

Cooperative Education is a unique program offered to 12th graders. It is designed to develop skills needed for employment and to gain exposure to career areas before seeking further education. Co-Op combines related classroom instruction with supervised part-time, paid employment. Co-Op usually begins in the fall term and continues through the school year. Students are required to provide their own transportation. Participation in the Co-Op program starts with an application completed by the student and signed by their parents. Applications may be obtained from the Co-Op Coordinator.

Cooperative Education is offered to 11th graders only if they applied and did not get placed in a program at the Careerline Tech Center.

COVERING HAWKEYE SPORTS

Open to grades 9, 10, 11, 12 .5 credit (1 term) VPAA Approved

This course may be repeated

Students will learn how to take the happenings in the Athletic Department at Hamilton High School and convey those to the Hamilton Community. Through writing, speaking, and listening, the students will cover live events here at Hamilton High School. Students will learn how to function in a group with designated roles for each member of the class. In the field of sports programming, the students will work on a deadline-based schedule which will help create the organization of the week. The coverage will be more than just highlight packages, as human interest stories will also be featured. [Covering Hawkeye Sports website](#)

DANCE 1

Open to grades 9, 10, 11, 12 .5 credit (1 term) VPAA Approved

This course may be repeated

This class is open to any high school student who is interested in dance, regardless of previous experience. This class is an introduction of the basic elements of dance to be used as the fundamentals of any dance form. Students will have the opportunity to demonstrate competency in motor skills and movement patterns while understanding concepts needed to perform a variety of activities. These activities include flexibility, coordination, control, balance, posture/alignment, and awareness of the body in space as an expressive instrument. Students will have the opportunity to create and present work based on these concepts. The skills learned will allow students to achieve and maintain a healthy lifestyle.

DRAWING 1

Open to grades 9, 10, 11, 12 .5 credit (1 term) VPAA Approved

This course may **NOT** be repeated

Prerequisite: Earned credit in Art 1 or Art Basics

This course introduces higher levels of drawing materials and techniques. Some of the featured drawing mediums include colored pencil, ink, charcoal, and graphite.

DRAWING 2

Open to grades 9, 10, 11, 12 .5 credit (1 term) VPAA Approved

This course may NOT be repeated

Prerequisite: Earned credit in Drawing 1

Using the skills and materials learned from previous courses, the student would be using more advanced creative processes in the design of their drawing projects.

DUAL ENROLLMENT

[return to Four Core Progression page](#)

Open to grades 11, 12

Prerequisite: Complete application process

Provides serious college-bound high school students with the opportunity to enroll in select courses at a degree-granting accredited college or university. 11th and 12th graders who have exhausted Hamilton High School's curricular offerings in a particular field of study, or interested in taking a course that Hamilton does not offer, are eligible to apply. Dual Enrollment courses may not overlap with your high school daily classes. There may be additional costs for the family, depending upon the institution offering the class. Contact the Student Services Office for more information. You may not drop out of a Dual Enrollment class without Administrative approval. [Michigan Department of Education Dual Enrollment Policy](#)

EARLY COLLEGE

Open to grades 11, 12

Prerequisite: Complete application process

Early College is a unique opportunity for select students who are interested in exploring and earning a degree to begin blending their High School course work with course work at the college level. By beginning in 11th grade and taking a full schedule of college coursework in a 13th year, students have the opportunity to graduate with both a High School diploma and an Associate Degree. The application process begins in December of your 10th grade year. If you have questions, please see your counselor. You may not drop out of an Early College class without Administrative approval. [Early College Website](#)

ECONOMICS 1

[return to Social Studies Progression page](#)

Open to grade 9 .5 credit (1 term)

This course may NOT be repeated

Economics will focus on the market-based economy of the United States. Students will study basic market principles and the differences between the American economic system and other economic systems. They will be able to explain and analyze basic economic principles, the influence of supply and demand, and trade. Students will also analyze the impact of these topics on their lives as well as the global economic trends that impact American society. Students will be asked to utilize a variety of primary and secondary source documents, charts, graphs, and summarization techniques to demonstrate their knowledge.

ECONOMICS 2

[return to Social Studies Progression page](#)

Open to grade 9 .5 credit (1 term)
Fulfills Personal Finance requirement

This course may NOT be repeated

Economics will focus on the market-based economy and democracy of the United States. Students will be able to explain and analyze basic economic principles, unemployment, taxes, factors affecting economic growth on the American economy and the impacts the government can have. Students will also analyze the impact of these topics on their lives and American society. Students will be asked to utilize a variety of primary and secondary source documents, charts, graphs, and summarization techniques to demonstrate their knowledge.

ENGLISH 9

[return to English Progression page](#)

Open to grade 9 1.0 credit (3 terms)

This course may NOT be repeated

This course is designed to help students improve their reading and writing skills. This course uses a mixture of classic and modern books to expose students to a variety of literature. Students will reflect on literature by connecting the world to their lives. The course builds on verbal and digital communication skills and hones in on specifics of English grammar.

ENGLISH 10

[return to English Progression page](#)

Open to grade 10 1.0 credit (3 terms)

This course may NOT be repeated

This course is designed to allow students greater appreciation for the American literary tradition. It is an extension of English 9 and is designed to help students continue to improve their reading and writing skills. Students will respond critically to and take a stance on the major themes of American literature such as integrity, the individual's role in relation to society, and equality.

ENGLISH 11

[return to English Progression page](#)

Open to grade 11 1.0 credit (3 terms)

This course may NOT be repeated

This class focuses on the human experience by exploring literature from around the world. Students develop a greater appreciation for literature by participating in book clubs and reading novels, plays, poetry, short stories, reader's theater, and nonfiction. Through a range of classroom activities, students are able to delve into important world issues, while continuing to develop both writing and critical thinking skills.

ENGLISH 12

[return to English Progression page](#)

Open to grade 12 1.0 credit (3 terms)

This course may NOT be repeated

This course is designed to provide students with a strong background in both reading and writing processes. Our reading, class discussions, and writing will maintain a focus on storytelling as presented through personal narratives, business narratives, fiction and nonfiction. Students will learn, hone, and apply essential, relevant writing and reading skills that will enable them to be successful beyond high school. AP English Literature and Composition or AP English Language and Composition may be taken in place of this course.

FOREIGN POLICY INSTITUTE

Open to grade 11, 12 .5 credit (1 term)

This course may NOT be repeated

This course will be a comprehensive study of United States foreign policy and the effects of globalization. Critical reading, research, and presentation skills will be emphasized throughout this rigorous course. Students will explore the cause and effect of multiple foreign policy decisions around the globe. Students will also be asked to predict potential outcomes of current foreign policy decisions based on past experiences. The course will conclude with a capstone project that will put each student in a simulated role to influence a fictional and dynamic foreign policy challenge.

GEOMETRY

[return to Math Progression page](#)

Open to grades 9, 10 1.0 credit (3 terms)

This course may NOT be repeated

Prerequisite: Earned credit in Algebra 1 or concurrent with Algebra 1

This course will include the study of points, lines, angles, planes, polygons, and circles, as well as the reinforcement and extension of algebra. Other topics will include similarity, congruency, transformations, and area and volume formulas. Also developed will be the skills needed to write logical, deductive proofs of mathematical statements. Major emphasis will be on Coordinate and Plane Geometry, but instruction in Solid Geometry will also be included.

GUITAR

Open to grades 9, 10, 11, 12 .5 credit (1 term) VPAA Approved

This course may NOT be repeated

This class is open to anyone who wants to learn more about playing guitar. All ability levels are welcome from someone who has never played guitar before to someone who has been playing guitar for years. We will explore the basic principles of guitar playing, including strumming, chords, picking, and scales. Whether you want to be able to play better solos with your garage band or you just want to learn the basics, this class is for you!

GUITAR 2

Open to grades 9, 10, 11, 12 .5 credit (1 term) VPAA Approved

This course may NOT be repeated

Prerequisite: Earned credit in Guitar or audition for the Instructor

This class is a continuation of the curriculum taught in Guitar class. Students delve into more advanced aspects of guitar playing, which include new chords, strumming techniques, finger-style guitar, power chords, tablature, and second position.

HEALTH 1

Open to grades 9, 10, 11, 12 .5 credit (1 term)

This course may NOT be repeated

This course is a requirement for graduation. It looks at the relationship between a student's lifestyle choices, physical health, and emotional well-being. It includes units in character education, mental/emotional health, healthy relationships, nutrition, STI's/HIV-AIDS education, tobacco, alcohol, and other drugs.

HEALTH 2

Open to grades 10, 11, 12 .5 credit (1 term)

This course may NOT be repeated

Prerequisite: Earned credit in Health 1 with a recommended B average minimum

This course provides a general overview of the major body systems as well as the health issues that impact each system. This includes a unit on reproductive health (including male and female anatomy, conception, pregnancy, and delivery). This course also requires the "Reality Works" baby, a 48 hour experience. A field trip to a hospital, and speakers, from the school nurse to a labor and delivery nurse, may also be included. This course is designed for students going into health careers.

HERITAGE SPANISH

Open to grade 9, 10, 11, 12 .5 credit (1 term)

This course may be repeated

Prerequisite: Spanish Heritage and First Language

Heritage Spanish is for students who were raised speaking Spanish in their homes as their first language. In this class we will strengthen writing, speaking, and reading skills in Spanish through the study of Hispanic/Latino communities in the United States, cultures and traditions of Spanish speaking countries, history, language variation, geography, and more. The overall goals of this class are to strengthen our communication skills and to foster a sense of community in our school.

HISTORY AT THE MOVIES

Open to grade 12 .5 credit (1 term)

This course may NOT be repeated

Turn off all cell phones and other mobile devices – the film is about to begin! This course is not just about watching movies. It is designed to investigate the historical significance and accuracy of feature and documentary films covering foreign and/or domestic events from modern history.

HONORS CHOIR

Open to grades 9, 10, 11, 12 1.5 credits (3 terms) VPAA Approved

This course may be repeated

Prerequisite: An audition with the director is required before registering for this class

This is an auditioned performance ensemble designed for the experienced singers. Many styles and periods of music are studied in order to allow the singer a variety of musical experiences. Due to the advanced level of this ensemble, all members of Honors Choir must be able to read music well, have good singing technique, self-discipline, and teamwork skills. Performance is an integral component of this ensemble. In addition to the concert schedule, they attend choral festival and perform at community and/or school functions outside of the school day. Attendance at all performances is mandatory. [Vocal Music Dept Website](#)

HUMAN ANATOMY

[return to Science Progression page](#)

Open to grades 11, 12 1.0 credits (3 terms)

This course may NOT be repeated

Prerequisite: Earned credit in Biology with a recommended B average minimum

This course is geared towards students interested in a career related to the medical field or students simply wanting a better understanding of how their body works. The topics include the anatomy and physiology of the human body systems - integumentary, skeletal, muscular, digestive, cardiovascular, respiratory, urinary, nervous, endocrine and reproductive. Lectures are supplemented with appropriate laboratory work and computer work, including dissection of mammalian specimens. Relevant speakers and field trips also help students with career exploration.

HVAC (Heating, Ventilation, and Air Conditioning)

Open to grades 9, 10, 11, 12 3.0 credit (3 terms, 2 hours per day)

VPAA / SME Approved

This course may NOT be repeated

HVAC will be taught as a Career and Technical Education (CTE) course. Students will take HVAC for two hours of their school day. Students will learn about electrical, air conditioning, gas heat, oil heat, heat pumps, systems, safety/health/environmental, legal responsibilities/ethics, technical skills, oral/written communication, problem solving and critical thinking, informational technology applications, leadership/teamwork, career development, organizational skills, negotiation skills, and other employability skills related to HVAC and skilled trades.

This course is an excellent opportunity for students to learn basic skills related to skilled trades as well as specific HVAC components. In addition to skilled trades instruction, the curriculum includes science relevant for HVAC and ELA standards that are necessary for successful employment and increased professionalism. Students will also focus on career development and growth in areas of employability skills.

INTEGRATED WORLD HISTORY AND LITERATURE

[return to English Progression page](#) [return to Social Studies Progression page](#)

Open to grade 11 2.0 credits (3 terms)

This course may NOT be repeated

Prerequisite: Due to 2.0 credit in 1 year course pace, required B average or better for the year in both English 10/AP Seminar and US History.

Fulfills English 11 and World History requirements

Students are unable to combine Zero Hour Strength and Movement and Integrated World History and Literature 1st hour

This course will fully integrate the curriculum requirements of World History and World Literature (English 11). This course will utilize fiction and non-fiction literature to create depth and context of historical topics. The non-fiction reading will incorporate both primary and secondary sources. Historical topics will include, but are not limited to, early civilizations, Africa throughout history, the Middle Ages Renaissance, Enlightenment, Industrial Revolution, World Wars, Cold War, and the Modern Middle East. Students will be assessed on Common Core Standards for Language, Reading, Writing, Speaking, and Literacy. This will be a challenging course. Integrated World History and Literature will be a 75 minute class, students may need to provide their own transportation.

INTRO TO TEACHING / TEACHING PRACTICES

Open to grade 12 3.0 credits (3 terms) SME Approved
Prerequisite: Complete application process

This course may NOT be repeated

The primary goal of this course is to help 12th graders make a wise vocational choice in the field of education and only secondarily to provide some classroom assistance to K-6th grade teachers of our district. All applicants need to have an interest in some field of education. Students will be required to provide their own transportation. Applications may be obtained from the Intro to Teaching / Teaching Practices instructor.

LIFEGUARDING

Open to grades 10, 11, 12 .5 credit (1 term)
Prerequisite: 15 years old, swim all three strokes, retrieve a 10lb block, and tread water for 2 minutes

This course may NOT be repeated

This course is designed to prepare students for a job that requires a lifeguarding or water safety background. It will require both in-class and in-water instruction. You will be responsible for ensuring the safety of the facility patrons, by preventing and responding to emergencies and by enforcing all facility policies and rules. At the end of this course you will be certified in Lifeguarding, AED, and CPR. This class fulfills the Michigan Merit Curriculum Physical Education requirement.

MENTAL HEALTH AWARENESS

Open to grades 10, 11, 12 .5 credit (1 term)
Prerequisite: Earned credit in Health 1

This course may NOT be repeated

This course provides an opportunity for students to identify, understand, and respond to signs of mental illness. Students will study mental illnesses such as depression, anxiety, addiction, and many others. In addition, students will learn skills necessary to identify the signs and symptoms of mental illness, as well as reach out and provide initial help and support to someone who may be developing a mental health issue or experiencing a crisis.

MUSICAL THEATRE CHORUS

Open to grades 9, 10, 11, 12 1.5 credits (3 terms) VPAA Approved

This course may be repeated

This course is open to any student grades 9-12 who is interested in singing, regardless of previous experience. No audition is necessary. This group will work on basic music fundamentals and reading skills, singing technique, and performance skills. On top of studying vocal music, this class will help develop acting skills, as we study musical theater in addition to the traditional choral curriculum. This group will perform at least once each term. Attendance at all performances is mandatory. [Vocal Music Dept Website](#)

ONLINE COURSES

Open to grades 9, 10, 11, 12

Prerequisite: Complete application process

Section 21f of the FY2013 State School Aid Act expands access to digital learning options for students in Michigan. This legislation enables public school students in grades 6-12, with the consent of a parent or guardian, to enroll in up to two online courses during an academic term. A student may be enrolled in more than two online courses in a specific academic term, semester or trimester if the district determines it is in the best interest of the student, the student agrees with the recommendation of the district, and the district and student have developed an education development plan that is kept on file by the district. Enrollment in online courses under Section 21f cannot result in a course load that exceeds a full-time schedule. Parental consent is required to participate in virtual courses. If students are requesting an online class, the online application must be received in the Student Services Office by the final day of High School Orientation for Trimester 1 and at least two weeks before the start of the trimester for Trimesters 2 and 3. You may not drop out of an online class without Administrative approval, and additional restrictions may apply.

PAINTING 1

Open to grades 9, 10, 11, 12

.5 credit (1 term)

VPAA Approved

This course may NOT be repeated

Prerequisite: Earned credit in Art 1 or Art Basics

This course introduces higher levels of painting techniques including an emphasis on color theory. The history of painting techniques will also be explored. Painting mediums include watercolor and acrylic paint, along with some mixed media.

PAINTING 2

Open to grades 10, 11, 12

.5 credit (1 term)

VPAA Approved

This course may NOT be repeated

Prerequisite: Earned credit in Painting 1

This course takes the student's painting to the "next level" by introducing advanced color theory through acrylic and watercolor paint techniques with deeper exploration of mixed media. In addition, an even stronger emphasis is placed on the individual creative process, including learning about the historic influence on artwork through time.

PERSONAL FINANCE 1

[return to Math Progression page](#)

Open to grades 10, 11, 12

.5 credit (1 term)

SME Approved

This course may NOT be repeated

Do you want to be a millionaire someday? This course is designed to develop financial literacy in a way anyone can be successful with money. Students will learn about setting financial goals, saving and investing, building wealth, budgeting, cash flow planning, responsible use of credit and debt, and building a credit score. Our curriculum will utilize the nationally recognized "Foundations in Personal Finance" materials by Dave Ramsey. Students will learn how money and financing plays a critical role in life as an adult. Upon completion, students will have the skills and knowledge necessary to make sound financial decisions, while understanding the significant role that money and finance plays in our global economy. The goal of this course is to educate students so they take control of their financial future.

PERSONAL FINANCE 2

[return to Math Progression page](#)

Prerequisite: Earned credit in Personal Finance 1

Open to grades 10, 11, 12

.5 credit (1 term)

SME Approved

This course may NOT be repeated

This course is designed to continue to develop financial literacy for students in the areas of being a good consumer, preparing yourself financially for life after high school, how to wisely invest your money in the stock market and to understand what kind of Insurance protection they will need in life. Our curriculum will utilize the nationally recognized "Foundations in Personal Finance" materials by Dave Ramsey. Students will learn how money and financing plays a critical role in life as an adult. Upon completion, students will have the skills and knowledge necessary to make sound financial decisions, while understanding the significant role that money and finance plays in our everyday lives. The goal of this course is to educate students so they take control of their financial future and be successful.

PHOTOSHOP CREATION OF COMPOSITES

Open to grades 9, 10, 11, 12

.5 credit (1 term)

VPAA Approved

This course may NOT be repeated

Interested in the creation of photos? If so, Photoshop Creation of Composites will be a great class for you. You will be exposed to the creation/alteration of composite photos through the use of working through the technical components of Photoshop. These include photo corrections, use of photo selections, application of layers within photos, incorporation of quick fix techniques, use of masks, and typographic designs within photos.

PHOTOSHOP ALTERATIONS OF PHOTOS

Open to grades 9, 10, 11, 12

.5 credit (1 term)

VPAA Approved

This course may NOT be repeated

Ever wonder how to draw or paint within a photo? If so, Photoshop Alterations of Photos is your class. You will learn how to create vector drawings, apply advanced compositing to photos, paint portraits, create and edit videos from a collection of pictures, working with lighting settings, creating storyboards, altering picture colors, and the creation of 3D images.

PHYSICAL SCIENCE

[return to Science Progression page](#)

Open to grades 10

1.0 credit (3 terms)

This course may NOT be repeated

This course is designed to provide students with an introduction to the fundamental principles of both physics and chemistry and provide the foundational skills needed to be successful in those courses. Through this course, students will explore the core concepts, theories, and applications of these two major branches of science, laying the groundwork for a deeper understanding in subsequent studies. The course will commence with foundations of general science skills like measurement, conversions, and graphing. Next students will dive into an exploration of introductory chemistry where students will investigate the periodic table, basic principles of atomic structure, chemical bonding reactions, as well as work on scientific argumentation and writing. Finally physics will be the last ideas explored in this course. Students will delve into topics such as motion, forces, energy, and momentum; the laws that govern the physical world. This course is designed to help students who struggle with science to be better prepared to take chemistry or physics.

PHYSICS

[return to Science Progression page](#)

Open to grades 10, 11, 12

1.0 credit (3 terms)

SME Approved

This course may NOT be repeated

Prerequisite: Earned credit in Algebra 2 or concurrent with Algebra 2

This course is designed to give the student a basic knowledge of the physical laws which govern the interaction between matter and energy. Classroom lectures, demonstrations, and laboratory sessions are used to develop basic understanding of mechanics: motion, force, energy, and momentum.

PROFESSIONAL SELLING

Open to grades 10, 11, 12

.5 credit (1 term)

VPAA / SME Approved

This course may NOT be repeated

How do you share your ideas with others in a confident and persuasive approach? Find out in Professional Selling. You will be exposed to the dynamic art of selling and the psychological and sociological interaction with others. You will learn the skills needed to successfully match products to customer's wants and needs. You will be introduced to the importance that communication and ethics plays within selling. Professional Selling gives students the skills and resources to help bring them success in their employment journey.

PSYCHOLOGY

Open to grades 11, 12

.5 credit (1 term)

This course may NOT be repeated

This course covers methods of studying behavior, the process of human development, the effects of biology and heredity on our behavior, personality theories, learning, and intelligence and IQ testing. Students will also do research on psychological disorders, including causes, symptoms, and treatments.

SCHOOL STORE MARKETING

Open to grades 9, 10, 11, 12

.5 credit (1 term)

VPAA / SME Approved

This course may NOT be repeated

Students will apply business and marketing concepts through multiple projects as part of Project Based Learning and the running of the school store, Hawks Landing. Students will gain business and marketing experience through the completion of projects and through various assignments in running and staffing the Hawks Landing school store. Students will be required to work outside of class in the school store.

SCIENCE OLYMPIAD

Open to grades 9, 10, 11, 12

.5 credit (1 term)

VPAA Approved

This course may NOT be repeated

Prerequisite: Instructor approval

This second term course is based on the national Science Olympiad competition. The purpose of the competition is to improve the quality of science education, increase student interest in science, and provide recognition for students and teachers. Events in Science Olympiad have been designed to recognize the wide variety of skills that students possess. While some events require knowledge of scientific facts and concepts, others rely on science processes, skills, or applications. Participation in the Science Olympiad competition is mandatory. The regional competition is held in the mid to late winter. This course will be a hands-on, self-directed, project-oriented class. Students will work in class but sometimes additional work at home will be necessary to meet deadlines or to make adjustments. This course is not mandatory to be a member of the Science Olympiad Team.

SCRIPT WRITING

Open to grades 9, 10, 11, 12

.5 credit (1 term)

VPAA Approved

This course may be repeated

Script Writing will focus on the application of the script and screenwriting skills. Writing original scripts, filming original films, video podcasts, a weekly sitcom episode and the production of the supplemental materials for staff will provide students opportunities to branch out into the different genres of script production. Hamilton Community Schools' student activities will provide opportunities for students to film and broadcast live events.

SOCIAL STUDIES

Open to grades 11, 12

.5 credit (1 term)

This course may NOT be repeated

A study of why you are the way you are as a result of the world around you. An introspective look at how society shapes and molds your values, beliefs, and behaviors. This class will spend significant time analyzing not only how the world shapes you, but also how your patterns of behavior can shape the world around you.

SPANISH 1

Open to grades 9, 10, 11, 12

1.0 credit (3 terms)

This course may NOT be repeated

This course presents a basic vocabulary with emphasis on speaking and listening comprehension so that students will be able to communicate in real-life situations. Students will be introduced to Hispanic culture, and many authentic resources will be used.

SPANISH 2

Open to grades 9, 10, 11, 12

1.0 credit (3 terms)

This course may NOT be repeated

Prerequisite: Earned credit in Spanish 1

This course builds on the vocabulary of Spanish 1 with continued emphasis on speaking and listening comprehension and an increased emphasis on writing and reading comprehension. Practice of grammatical concepts using real-life situations and authentic resources allows students to demonstrate their proficiency as well as learn more about Hispanic culture.

SPANISH 3

Open to grades 9, 10, 11, 12

1.0 credit (2 terms)

This course may NOT be repeated

Prerequisite: Earned credit in Spanish 2

This course is an intense, expanded study of grammatical structures and their use in everyday communication. All four skills (speaking, listening, reading, and writing) will be emphasized through increased vocabulary, authentic resources, and the study of Hispanic culture. The class will be taught primarily in Spanish.

SPANISH 4

Open to grades 9, 10, 11, 12 1.0 credit (2 terms)

This course may **NOT** be repeated

Prerequisite: Earned credit in Spanish 3

This course is an extension of Spanish 3 and is an intense, expanded study of grammatical structures and their use in everyday communication. All four skills (speaking, listening, reading, and writing) will be emphasized through increased advanced vocabulary, authentic resources, and the study of Hispanic culture. This class will be taught almost entirely in Spanish with the goal of communication in a variety of real-life situations.

STATISTICS

[return to Math Progression page](#)

Open to grades 10, 11, 12 1.0 credit (3 terms) SME Approved

This course may **NOT** be repeated

Prerequisite: Earned credit in Algebra 2

Students will explore the world of data and learn how to truly understand the data presented to us in our daily lives. Through an immersive and hands-on exploration of topics such as probability, data distribution and displays, experimental design, and much more in a variety of applications, students will unravel the secrets behind the stats and decode the patterns of this data-filled world. A graphing calculator is required (TI-83 + /TI-84 is recommended).

STRENGTH & MOVEMENT

Open to grades 9, 10, 11, 12 .5 credit (1 term)

This course may be repeated

1 = Fall, 2 = Winter, 3 = Spring

This class provides the opportunity to maximize athletic potential (strength, mobility, quickness & power) through an educational, comprehensive, and detailed functional movement program that encompasses all athletes. This class fulfills the Michigan Merit Curriculum Physical Education requirement.

STRENGTH & MOVEMENT - ZERO HOUR

Open to grades 10, 11, 12 .5 credit (1 term) Class begins at 6:30am

This course may be repeated

1 = Fall, 2 = Winter, 3 = Spring

Students are unable to combine Zero Hour Strength and Movement and Integrated World History and Literature 1st hour

This class is aimed at "advanced" trainees that have successfully completed two trimesters of regular Strength and Movement. The basics of the class will be the same but the intensity and the volume of the training will be aimed at students that are further along in their strength journal than the general school population. Power movements will also be implemented to hopefully allow the trainee to better display their strength rapidly. This class begins at 6:30am. students need to provide their own transportation. This class fulfills the Michigan Merit Curriculum Physical Education requirement.

SYMPHONIC BAND

Open to grades 9, 10, 11, 12 1.5 credits (3 terms) VPAA Approved

This course may be repeated

This course is open to all students 9-12 with instrumental music experience. Participation in the 6th-8th band is highly recommended. A variety of musical styles will be studied within the presented literature. Activities include concert performance, festival participation, marching band and pep band. Attendance at all performances is mandatory. [HHS Band Website](#)

TEAM SPORTS & FITNESS

Open to grades 9, 10, 11, 12 .5 credit (1 term)
1 = Fall, 2 = Winter, 3 = Spring

This course may be repeated

This class provides each student with the opportunity to participate in a comprehensive program consisting of skill development, lead up games, team sports, individual sports, and physical fitness activities. The students receive instruction in rules, skills, and strategies associated with the different sports, as well as learning experiences involving physical conditioning activities and lifelong physical activities. The program promotes the spirit of cooperation, leadership, fair play, and friendly competition. This class fulfills the Michigan Merit Curriculum Physical Education requirement.

TEST PREP

Open to grade 11 .5 credit (1 term)
Students who score 1000+ on the PSAT 10 are eligible to waive this required course

This course may NOT be repeated

This required course is designed to prepare students for the MME testing that all 11th graders will take in the Spring. Students may rotate between English and Math teachers over the 12 week period of the term. Students will be exposed to the characteristics of SAT, and WorkKeys tests, as well as strategies for success on these tests. Test-taking strategies, review modules, and practice tests will be conducted by each teacher in the subjects of English, Math, and Reading.

THEATRE

Open to grades 10, 11, 12 .5 credit (1 term) VPAA Approved

This course may NOT be repeated

Within the term, students will engage in three points of focus - exposure to plays and playwrights, opportunity to learn some basics of acting and directing, and time spent on production and stagecraft. Two or more plays will be read, several others will be viewed on video; there will be multiple acting experiences and a scene design project.

UNIFIED PE / HEALTH

Open to grades 9, 10, 11, 12 .5 credit (1 term)

This course may be repeated

Prerequisite: Instructor approval and/or student interview (for peer support personnel) as well as any student who cannot access the general Health and PE requirements

Unified PE/Health provides a unique peer-to-peer support opportunity for all students to come together through health education & physical activities. This course is structured around the National Physical Education Standards, as well as the National Health Education Standards, and is open to all students as an elective. In this class, students will serve as a peer-to-peer support person for those who cannot access the general Health and PE curriculums. Additionally, the class supports the development of leadership skills & empowerment for all students to foster an inclusive classroom & school-wide environment. The students taking this course may be responsible for accessing online material related to students with disabilities, as well as methods/techniques for working with students with disabilities. A cumulative project will be required as a final assessment. This class fulfills the Michigan Merit Curriculum Physical Education requirement.

US HISTORY AND GEOGRAPHY

[return to Social Studies Progression page](#)

Open to grade 10 1.0 credit (3 terms)

This course may **NOT** be repeated

This course will provide a post-Civil War survey course of American history. Subject areas may include the Industrial Revolution, Progressive Era, World War I, Roaring 20's, the Great Depression, World War II, the Cold War, Civil Rights, the Seventies, the Reagan Revolution, the Nineties, and 9/11. In addition, thematic discussion of geography will be incorporated into the course content.

WOMEN'S CHORALE

Open to grades 9, 10, 11, 12 1.5 credits (3 terms) VPAA Approved

This course may be repeated

Prerequisite: An audition with the director is required before registering for this class

Women's Chorale is an all-women choir, open to students in grades 9-12 who want to study traditional choral literature from various times and places. These singers must have basic music reading skills, and prior choral experience is preferred. Inclusion in this musical ensemble demands teamwork, as well as self-discipline and control. There are five main concerts in the school year. In addition to the concert schedule, they attend choral festivals and perform at community and/or school functions outside of the school day. Attendance at all performances is mandatory. [Vocal Music Dept Website](#)

WOMEN'S FITNESS

Open to grades 9, 10, 11, 12 .5 credit (1 term)

This course may be repeated

This course provides an opportunity to focus on lifelong fitness activities. Throughout the trimester, students will be introduced to a variety of activities including: group fitness, cardio fitness, yoga & mindfulness, basic strength training, personal protection & self-defense, and a variety of other activities. This class fulfills the Michigan Merit Curriculum Physical Education requirement.

WORLD HISTORY AND GEOGRAPHY

[return to Social Studies Progression page](#)

Open to grade 11 1.0 credit (3 terms)

This course may **NOT** be repeated

World History and Geography is a survey course that covers the fall of classical empires (Rome and China) through the conflicts of the late 20th Century. Topics of special interest include, but are not limited to, the study of world religions, an emerging global system as shown through the development of trade, the creation of distinct political systems, European revolutions, WWI, WWII, and the Cold War from a non-American perspective.

WRITING EXPLORATION

Open to grades 10, 11, 12 .5 credit (1 term) VPAA Approved

This course may be repeated

This course is one that will teach investigative writing through research of an unsolved cold case in the United States. Students will learn how to access information from FOIA requests as well as contacting local and state police departments for information. The focus will be on synthesizing the information, developing/reevaluating the theory of the crime. Assessments include written work, podcasting including a script and a final presentation about the case studied. A wide variety of writing skills could be represented.

WRITING FOR PUBLICATION

Open to grades 10, 11, 12 1.5 credits (3 terms) VPAA Approved
Prerequisite: Instructor approval

This course may be repeated

It's not often that students create a "real world" product in class that fellow students and even local community members and businesses will pay money for and keep for decades to come, but this is exactly what students do in this course. Students will integrate graphic arts, technology, reporting, photography, and publish the school yearbook. Starting with a blank slate to the finished product, students are engaged in the creative process from brainstorming, through production, revision, and reflection. They write stories, captions, headlines; they take photos and manage photographs; they design, create, and refine all the layouts, and they market, sell, manage, and organize the business efforts.

Placed Course Descriptions (alphabetical listing)

Students may not choose the following courses, but will be placed in these courses based on academic criteria.

GUIDED ACADEMICS

Open to grade 9, 10, 11, 12 .5 credit (1 term)
Prerequisite: ELL students placed in this course based on academic criteria

This course may be repeated

This course is to help students whose first language is not English and who need support to learn English. This course is designed to help students build relationships, academic skills, and a foundation that will help foster student success. Based on data from the first trimester, students may be placed in this course for second and/or third trimesters.

HAWKEYE PREP

Open to grade 9 .5 credit (1 term)
Prerequisite: Students placed in this course based on academic criteria

This course may be repeated

This course is designed to help students build relationships, academic skills, and a foundation that will help foster student success. Based on data from the first trimester, students may be placed in this course for second and/or third trimesters.

HAWKEYE SUCCESS

Open to grade 10 .5 credit (1 term)
Prerequisite: Students placed in this course based on academic criteria

This course may be repeated

This course is designed to help students build relationships, academic skills, and a foundation that will help foster student success. Based on data from the first trimester, students may be placed in this course for second and/or third trimesters.

INTENSIVE RESOURCE (IR) / MERIT

Open to grade 9, 10, 11, 12 .5 credit (1 term)

This course may be repeated

Prerequisite: Students placed in this course based on academic criteria

This course is for students with an (IEP) Individualized Education Program (a written document that outlines a student's educational needs and goals, and the services and programs that will help them achieve those goals). This course is designed to help students build relationships, academic skills, and a foundation that will help foster student success.

RTI ALGEBRA 1

[return to Math Progression page](#)

Open to grade 9 1.0 credit (3 terms)

This course may NOT be repeated

Prerequisite: Students placed in this course based on academic criteria

RTI Algebra 1 generally covers the same material as a traditional Algebra 1 course, but at a differentiated pace. Algebra 1 includes basic mathematical concepts and skills that are needed in future mathematics courses. Topics covered include: reasoning with quantities, function notation, linear equations and inequalities, exponential equations, quadratic equations, modeling real-world situations, and descriptive statistics.

RTI ALGEBRA 2

[return to Math Progression page](#)

Open to grades 9,10, 11 1.0 credit (3 terms)

This course may NOT be repeated

Prerequisite: Students placed in this course based on academic criteria

RTI Algebra 2 generally covers the same material as a traditional Algebra 2 course, but at a differentiated pace. Algebra 2 will continue the development of math topics from Algebra 1 and Geometry. Other topics will include: polynomial, radical, rational, exponential, and logarithmic relationships; trigonometric functions; modeling with functions; and drawing inferences and conclusions from statistical data. A graphing calculator is required (TI-83 + /TI-84 is recommended).

RTI GEOMETRY

[return to Math Progression page](#)

Open to grades 9, 10 1.0 credit (3 terms)

This course may NOT be repeated

Prerequisite: Students placed in this course based on academic criteria

RTI Geometry generally covers the same material as a traditional Geometry course, but at a differentiated pace. Geometry will include the study of points, lines, angles, planes, polygons, and circles, as well as the reinforcement and extension of algebra. Other topics will include similarity, congruency, transformations, and area and volume formulas. Also developed will be the skills needed to write logical, deductive proofs of mathematical statements. Major emphasis will be on Coordinate and Plane Geometry, but instruction in Solid Geometry will also be included.

WORKSHOP 9, 10, 11, 12

Open to grade 9, 10, 11, 12 .5 credit (1 term)

This course may be repeated

Prerequisite: Students placed in this course based on academic criteria

This course is for students with an (IEP) Individualized Education Program (a written document that outlines a student's educational needs and goals, and the services and programs that will help them achieve those goals). This course is designed to help students build relationships, academic skills, and a foundation that will help foster student success.

GRADUATION REQUIREMENT CHECKLIST

Name _____

ENGLISH (4.0 credits)

____ ____ ____ English 9
 ____ ____ ____ English 10 / AP Seminar
 ____ ____ ____ English 11 / Integrated WHL / AP Lit
 ____ ____ ____ English 12 / AP Lang / AP Lit

MATH (4.0 credits)

____ ____ ____ Algebra 1
 ____ ____ ____ Geometry
 ____ ____ ____ Algebra 2
 ____ ____ ____ 4th Math / SME Credit

SCIENCE (3.0 credits)

_____ Biology
 _____ Chemistry / Physics / Physical Science
 _____ 3rd year Science

SOCIAL STUDIES (3.0 credits)

_____ Economics 1 / Economics 2 / Civics
 _____ U.S. History and Geography
 _____ World History and Geo / Integrated WHL / AP World

HEALTH (.5 credit)

Health 1

FINANCIAL LITERACY (.5 credit) (starting with Class of 2028)

(Econ 2 fulfills this requirement)

PHYSICAL EDUCATION (.5 credit)

Physical Education _____

TEST PREP (.5 credit)

Test Prep

VISUAL/PERFORM/APPLIED ARTS (1.0 credits)

WORLD LANGUAGE (2.0 credits)

____ World Language _____
 ____ World Lang or VPAA (1.0) _____

ELECTIVES

[illegible]

WORK BASED LEARNING (starting with class of 2027)

____ Training/Preparation
____ Training/Preparation
____ Training/Preparation

FAILURES

Students must have no more than 6 failures (or administrator approved)

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

FOUR-YEAR PLAN OF STUDY

Required credits:

English	4.0 credits
Math	4.0 credits
Science	3.0 credits
Social Studies	3.0 credits
Test Prep	.5 credit

Additional credits required for graduation:

(plan where you will add these additional required credits)

Health 1	.5 credit
Financial Literacy (Econ 2 fulfills this requirement)	.5 credit
Physical Education	.5 credit
Visual/Performing/Applied Arts	1.0 credits
World Language	2.0 credits

3 trimesters, 6 classes per trimester = 18 classes per year

9th Grade	10th Grade	11th Grade	12th Grade
1. English 9 a	English 10 a or AP Seminar a	English 11 a or AP English a	English 12 a or AP English a
2. English 9 b	English 10 b or AP Seminar b	English 11 b or AP English b	English 12 b or AP English b
3. English 9 c	English 10 c or AP Seminar c	English 11 c or AP English c	English 12 c or AP English c
4. Algebra 1 a or Geometry a	Geometry a or Algebra 2 a	Algebra 2 a or 3rd year Math	Senior Math a _____
5. Algebra 1 b or Geometry b	Geometry b or Algebra 2 b	Algebra 2 b or 3rd year Math	Senior Math b _____
6. Algebra 1 c or Geometry c	Geometry c or Algebra 2 c	Algebra 2 c or 3rd year Math	Senior Math (c) _____
7. Biology a	Chem a or Physics a or Phys Sci a	3rd year Science _____	_____
8. Biology b	Chem b or Physics b or Phys Sci b	3rd year Science _____	_____
9. Biology c	Chem c or Physics c or Phys Sci c	3rd year Science _____	_____
10. Civics	US History & Geography a	World History or AP World a	_____
11. Economics 1	US History & Geography b	World History or AP World b	_____
12. Economics 2	US History & Geography c	World History or AP World c	_____
13. _____	_____	Test Prep	_____
14. _____	_____	_____	_____
15. _____	_____	_____	_____
16. _____	_____	_____	_____
17. _____	_____	_____	_____
18. _____	_____	_____	_____

Integrated World History and Literature fulfills both English 11 and World History requirements. (see course description on page 28)

Tech Center is equivalent to 9 classes. 11th grade Tech Center students will move World History to their senior year. Counselors will help schedule this.

12th Grade Scheduling Sheet

1. English 12 a or AP English Language and Comp a or AP English Literature and Comp a
2. English 12 b or AP English Language and Comp b or AP English Literature and Comp b
3. English 12 c or AP English Language and Comp c or AP English Literature and Comp c
4. Senior Math a _____
5. Senior Math b _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____

Alternate 1. _____

Alternate 2. _____

Alternate 3. _____

Alternate 4. _____

Alternate 5. _____

11th Grade Scheduling Sheet

1. English 11 a or Integrated World History and Literature a* or AP English Lit a
2. English 11 b or Integrated World History and Literature b* or AP English Lit b
3. English 11 c or Integrated World History and Literature c* or AP English Lit c
4. Algebra 2 a or 3rd year Math_____
5. Algebra 2 b or 3rd year Math_____
6. Algebra 2 c or 3rd year Math_____
7. 3rd year Science _____
8. 3rd year Science _____
9. 3rd year Science _____
10. World History and Geography a or AP World Hlstory a or * _____
11. World History and Geography b or AP World History b or * _____
12. World History and Geography c or AP World History c or * _____
13. Test Prep
14. _____
15. _____
16. _____
17. _____
18. _____

Alternate 1. _____

Alternate 2. _____

Alternate 3. _____

Alternate 4. _____

Alternate 5. _____

*Integrated World History and Literature replaces both English 11 and World History and Geography. If selecting, please fill in lines 10, 11, 12 with electives.

*Integrated World History and Literature will be a 75 minute course; students may need to provide their own transportation.

10th Grade Scheduling Sheet

1. English 10 a or AP Seminar a*
2. English 10 b or AP Seminar b*
3. English 10 c or AP Seminar c *
4. Geometry a or Algebra 2 a
5. Geometry b or Algebra 2 b
6. Geometry c or Algebra 2 c
7. Chemistry a or Physics a or Physical Science a
8. Chemistry b or Physics b or Physical Science b
9. Chemistry c or Physics c or Physical Science c
10. US History and Geography a
11. US History and Geography b
12. US History and Geography c
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____

Alternate 1. _____

Alternate 2. _____

Alternate 3. _____

Alternate 4. _____

Alternate 5. _____

*AP Seminar is for students who are strong English students and have scored well on standardized English assessments. This class is preparation for future AP courses as well.

9th Grade Scheduling Sheet

1. English 9 a
2. English 9 b
3. English 9 c
4. Algebra 1 a or Geometry a
5. Algebra 1 b or Geometry b
6. Algebra 1 c or Geometry c
7. Biology a
8. Biology b
9. Biology c
10. Civics
11. Economics 1
12. Economics 2
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____

Alternate 1. _____

Alternate 2. _____

Alternate 3. _____

Alternate 4. _____

Alternate 5. _____