

**HAMILTON HIGH SCHOOL**

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2022 – 2023

**CURRICULUM GUIDE**

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# GENERAL INFORMATION

## Academic Requirements

- Students must have a full schedule of classes in every term of attendance (or administrator approval)
- Students must have **no more than 6 failures** (or administrator approval)
- 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  
4.0 credits of Math  
0.5 credit of PE  
0.5 credit of Health 1  
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:

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

\*Under certain circumstances 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)

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

## Unweighted

4 point scale

A	4.0
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.3
C	2.0
C-	1.7
D+	1.3
D	1.0
D-	.7
E	0.00



## Weighted

5 point scale

A	5.000
A-	4.625
B+	4.125
B	3.750
B-	3.375
C+	2.875
C	2.500
C-	2.125
D+	1.625
D	1.250
D-	.875
E	0.00

## High School Credit at the Middle School

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 grade 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.

## 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 Flex online courses. Hamilton Flex serves full-time online students, alternative ed, and part-time (homeschooled) online students. **All Hamilton Flex classes are also offered and available to our traditional public school students.** A complete list of the non-essential electives offered through Hamilton Flex 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 one week prior to the start of the new term.** For additional information on available online classes through Hamilton Flex or other vendors and to find out if they would work for your learner, please contact Kristie Noguera, [knoguera@hamiltonschools.us](mailto:knoguera@hamiltonschools.us)

## NAIA Eligibility Center

[www.playnaia.org/eligibility-center](http://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 Counseling Office.

## NCAA Eligibility Center

[www.eligibilitycenter.org](http://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 Counseling Office

# 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 Counseling Office.

# 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. **If students are requesting an online class, the online application must be received in the Student Services Office one week prior to the start of the new term.**

**All schedule changes must be requested by 3:00pm on the 3<sup>rd</sup> 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:  $GPA \times 400 + SAT = \text{potential honor points}$ . 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 not have to take 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.

# Testing Out

Per Michigan law, a student may attempt to test out of high school classes with the sole purpose of moving ahead in the curriculum. **The intent of this law is to allow students who have extensive prior knowledge in a subject, the opportunity to test out and move on to higher level classes in that subject area.**

1. Students must demonstrate mastery of course content expectations. The assessments used to demonstrate mastery may consist of a final exam, portfolio, written papers, projects, and/or presentations. Hamilton High School requires a minimum grade of 77% in the Test Out assessments.
2. Credit earned is based on a 'credit only' grade and will appear on the student's transcript as a 'CR'. **Any Test Out credit will not affect the student's grade point average (GPA)**. Credit earned does count towards graduation. Successful completion of a Test Out course closes the opportunity of obtaining credit in a lower course at a later date.
3. Test Out forms will be available in the High School Counseling Office. Deadline for requesting to test out a class and the final exam date will be posted in the high school and middle school announcements.
4. A student will have only one opportunity to 'Test Out' of a specific course.
5. A **\$25 refundable deposit** in the form of a personal check made out to "Hamilton High School" will be required. The check will be returned once the student takes the test and returns all resource material.

## Educational Development Plans (via Naviance) Scope and Sequence 2022-2023

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 Interest Profiler	This activity will help students discover the more specific types of work activities and careers that match their interests.
Achieveworks Learning and Productivity	This activity will help students to recognize the ways they learn best and how they can be the most productive.
Strengths Explorer	This activity, powered by Gallup, will help students to recognize their talents and reveal their potential strengths. (note: this assessment may only be taken once by each student)
Achieveworks Intelligences	This activity will help students to understand the ways they deal with information, solve problems, and create things.
College Super Match	This activity allows students to narrow their potential college (post-secondary education) choices based on the most important (or desired) criteria.
Achieveworks Personality	This activity will help reveal to students their true personality and provide tips to achieving success in a way that works for the student.
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. Students can use Resume Builder as a way to house their Curriculum Vitae (commonly known as CV), a comprehensive list of past experiences and achievements, from which they will be able to tailor future resumes.
Career Key	This 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.
Create a SMART goal	This activity will ask students to create Specific, Measurable, Achievable, Relevant, and Timely goals for academic, personal, and 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.

## 7th Grade

Goal	Required Activities & Tasks	Recommended Activities & Task
Assist students in accessing Naviance, identifying career pathways of interest, creating an initial student portfolio, and documenting activities that demonstrate personal achievement or growth.	<ul style="list-style-type: none"> <li>• Career Cluster Finder (student must “favorite”)</li> <li>• Resume Builder (education and extracurricular activities and/or volunteer services)</li> <li>• Road Trip Nation: “Define Your Road”</li> </ul>	<ul style="list-style-type: none"> <li>• Career Key</li> <li>• Create an academic SMART goal</li> <li>• Create a career SMART goal</li> <li>• Explore post-secondary options</li> </ul>

## 8th Grade

Goal	Required Activities & Tasks	Recommended Activities & Task
Assist students in accessing Naviance, identifying career pathways of interest, creating an initial student portfolio, and documenting activities that demonstrate personal achievement or growth.	<ul style="list-style-type: none"> <li>• Career Key</li> <li>• Resume Builder (education and extracurricular activities and/or volunteer services)</li> <li>• Create an academic SMART goal</li> <li>• Create a career SMART goal</li> <li>• Explore post-secondary options</li> <li>• Prepare for High School Survey</li> </ul>	<ul style="list-style-type: none"> <li>• Road Trip Nation: “Define Your Road”</li> </ul>

## 9th Grade

Goal	Required Activities & Tasks	Recommended Activities & Task
Assist students in accessing Naviance, identifying careers of interest, creating an initial student portfolio, and documenting activities that demonstrate personal achievement or growth.	<ul style="list-style-type: none"> <li>• Resume Builder</li> <li>• Create an academic SMART goal</li> <li>• Create a career SMART goal</li> <li>• Career Interest Profiler</li> <li>• Add careers to my favorites list</li> <li>• SuperMatch College Search</li> <li>• Add colleges to my favorites list</li> <li>• Career Cluster Finder</li> </ul>	<ul style="list-style-type: none"> <li>• Additional Achieveworks Assessments</li> <li>• Road Trip Nation: “Define Your Road”</li> </ul>

## 10th Grade

Goal	Required Activities & Tasks	Recommended Activities & Task
Assist students in accessing Naviance, identifying careers of interest, creating an initial student portfolio, and documenting activities that demonstrate personal achievement or growth.	<ul style="list-style-type: none"> <li>● Resume Builder</li> <li>● Create an academic SMART goal</li> <li>● Create a career SMART goal</li> <li>● Career Interest Profiler</li> <li>● Add careers to my favorites list</li> <li>● SuperMatch College Search</li> <li>● Add colleges to my favorites list</li> <li>● Achieveworks Learning &amp; Productivity</li> </ul>	<ul style="list-style-type: none"> <li>● Additional Achieveworks Assessments</li> <li>● Road Trip Nation: “Define Your Road”</li> </ul>

## 11th Grade

Goal	Required Activities & Tasks	Recommended Activities & Task
Assist students in accessing Naviance, identifying careers of interest, creating an initial student portfolio, creating a meaningful post-secondary plan, and documenting activities that demonstrate personal achievement or growth.	<ul style="list-style-type: none"> <li>● Resume Builder</li> <li>● Create an academic SMART goal</li> <li>● Create a career SMART goal</li> <li>● Career Interest Profiler</li> <li>● Add careers to my favorites list</li> <li>● SuperMatch College Search</li> <li>● Add colleges to my favorites list</li> <li>● StrengthsExplorer (only once)</li> <li>● Achieveworks Learning &amp; Productivity</li> </ul>	<ul style="list-style-type: none"> <li>● Additional Achieveworks Assessments</li> <li>● Road Trip Nation: “Define Your Road”</li> <li>● Attend College Visits</li> </ul>

## 12th Grade

Goal	Required Activities & Tasks	Recommended Activities & Task
Assist students in accessing Naviance, identifying careers of interest, creating an initial student portfolio, creating a meaningful post-secondary plan, and documenting activities that demonstrate personal achievement or growth.	<ul style="list-style-type: none"> <li>● Resume Builder</li> <li>● Create an academic SMART goal</li> <li>● Create a career SMART goal</li> <li>● Career Interest Profiler</li> <li>● Add careers to my favorites list</li> <li>● SuperMatch College Search</li> <li>● Add colleges to my favorites list</li> <li>● StrengthsExplorer (only once)</li> <li>● Achieveworks Learning &amp; Productivity</li> <li>● Post-Secondary Plans Survey</li> </ul>	<ul style="list-style-type: none"> <li>● Additional Achieveworks Assessments</li> <li>● Road Trip Nation: “Define Your Road”</li> <li>● Apply to Colleges</li> <li>● Attend College Visits</li> <li>● Search for Scholarships</li> </ul>

# STANDARIZED TESTING

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

## MME (MICHIGAN MERIT EXAM)

**Date:** 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.

## SAT

**Date:** Various throughout the school year.

**Who:** college bound 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. The essay is optional, but required by some colleges/universities.

**Website:** [The SAT Suite of Assessments](#)

## ACT

**Date:** 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](#)

## PSAT/NMSQT

**Date:** The second Wednesday in October

**Who:** 11th grade students

**Purpose:** PSAT/NMSQT stands for Preliminary SAT/National Merit Scholarship Qualifying Test. It's a standardized test that provides first hand practice for the SAT. It also gives a student the chance to enter the National Merit Scholarship Corporation (NMSC) scholarship programs. The PSAT/NMSQT measures reading, writing/language, and math skills. It is given to juniors.

**Website:** [The PSAT/NMSQT and PSAT 10](#)

## PSAT 10

**Date:** mid-April

**Who:** 10th grade students

**Purpose:** This test provides practice for the SAT by measuring students' abilities in reading, writing/language, and math.

**Website:** [The PSAT/NMSQT and PSAT 10](#)

## PSAT 8/9

**Date:** mid-April

**Who:** 9th grade students

**Purpose:** The PSAT 8/9 is a test that will help students figure out what they need to work on most in high school to be prepared for college. It tests the same skills and knowledge as the SAT, PSAT/NMSQT, and PSAT 10 - in a way that makes sense for the 8<sup>th</sup>/9<sup>th</sup> grade level.

## 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 on these exams. Students should check with the colleges they are interested in attending to determine the college's policy regarding AP credit.

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

# COURSE INFORMATION

## Required Courses by Grade

### 9<sup>th</sup> Grade

English 9  
Algebra 1 or Geometry  
Biology  
Civics / Economics

### 10<sup>th</sup> Grade

English 10  
Geometry or Algebra 2  
Chemistry or Physics  
US History & Geography

### 11<sup>th</sup> Grade

English 11\*  
Algebra 2 or 3<sup>rd</sup> year Math  
3<sup>rd</sup> year Science  
World History & Geography\*  
Test Prep

### 12<sup>th</sup> Grade

English 12 or AP English  
Senior Math Experience

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

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## Additional Required Courses

Health 1  
PE  
VPAA  
World Language

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### VPAA approved courses

(Visual, Performing, Applied Arts)

Art 1  
Art 2  
Art in 3-D  
Ceramics  
Covering Hawkeye Sports  
Dance 1  
Drawing 1  
Drawing 2  
Guitar  
Guitar 2  
Honors Choir  
Musical Theatre Chorus  
Painting 1  
Photoshop  
Robotics  
School Store Marketing  
Script Writing  
Symphonic Band  
Video Game Programming  
Web Design  
Women's Chorale  
Writing for Publications

\*some Tech Center programs qualify- see your counselor

### SME approved courses

(Senior Math Experience)

Accounting 1  
AP Calculus AB  
AP Chemistry  
AP Physics C: Mechanics  
Business Development  
Chemistry  
College Algebra  
Math in Games  
Math in Sports  
Personal Finance 1  
Personal Finance 2  
Physics  
Pre-Calculus  
School Store Marketing  
Statistics  
Trigonometry

\*Careerline Tech Center as determined by OAISD

\*Dual Enrollment with Administrator approval

\*Online courses with Administrator approval

### AP courses

(Advanced Placement)

AP Calculus AB  
AP Chemistry  
AP English Lang and Comp  
AP English Lit and Comp  
AP Integrated AP US Hist & AP Lang  
AP Physics C: Mechanics  
AP Spanish Language  
AP US History  
AP World History: Modern

## Elective Courses

Accounting 1	Early College	Robotics
Advanced Geology	Environmental Science	School Store Marketing
AP Calculus AB	Fiction	Science Olympiad
AP Chemistry	Foreign Policy	Script Writing
AP English Lang and Comp	Future Prep'd Academy Connections	Social Studies
AP English Lit and Comp	Guitar	Spanish 1
AP Integrated AP US Hist & AP Lang	Guitar 2	Spanish 2
AP Physics C: Mechanics	Health 2	Spanish 3
AP Spanish Language	History at the Movies	Spanish 4
AP US History	Honors Choir	Statistics
AP World History: Modern	Human Anatomy	Strength & Movement
Art 1	Intro to Teaching / Teaching Practices	Student Leadership
Art 2	Lifeguarding	Symphonic Band
Art in 3-D	Lifetime Sports and Fitness	Team Sports & Fitness
Athletic Science	Math in Games	Technology in Business
Business Development	Math in Sports	Theatre
Business Innovations	Mental Health First Awareness	Trigonometry
Career Readiness	Musical Theatre Chorus	Unified PE / Health
Careerline Tech Center	Online Courses	Video Game Programming
Ceramics	Painting 1	Web Design
College Algebra	Personal Finance 1	Women's Chorale
Cooperative Education (Co-Op)	Personal Finance 2	Women's Fitness
Covering Hawkeye Sports	Photoshop	Word Processing
Dance 1	Portfolio Art	Writing Exploration
Debate / Arg Writing / Speak	Pre-Calculus	Writing Exploration 2
Drawing 1	Professional Selling	Writing for Publication
Drawing 2	Psychology	
Dual Enrollment		

## Careerline Tech Center Programs

Open to 11<sup>th</sup> and 12<sup>th</sup> 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 11<sup>th</sup> and 12<sup>th</sup> graders regardless of race, color, national origin, sex, or disability.

For complete descriptions and more information go to: <https://www.oaisd.org/ctc/programs>

Advanced Healthcare#	Health Careers/Certified Nurse Aide (CNA)
Agriculture & Animal Science	Health Careers/Patient Care Tech (PCT)
Auto Body Repair	Health Careers/Phlebotomy
Automotive Technology*	IT Network & Security+
Business Management	Mechatronics/Robotics
Construction	Media Communications
Cosmetology#	Natural Resources & Outdoor Studies
Culinary Arts	Pastry Arts & Baking
Dental Careers	Plumbing & Water Systems
Diesel/Heavy Equipment Mechanics*	Printing & Imaging Technology
Electrical/Alternative Energy	Public Safety & Security Services
Emergency Medical Services#	Software & Game Development+
Engineering Design & Machine Technologies	Teacher Academy
Entrepreneurship & Global Business+	Welding*
Graphic Design	

\*2 year program (may be taken for one year, in your Senior year)

+ 1+1 program (one year program with a second year option)

# Open to Seniors only

Not sure what program to take at Careerline Tech Center? Take the Student Interest Survey:

<https://www.oaisd.org/ctc/student-services/student-interest-survey>

### TO APPLY FOR A TECH CENTER CLASS

The application process begins in January.

- Go to [www.careerlinetech.org](http://www.careerlinetech.org) to apply
- On the left side of the main page, click on
- Student Online Application

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  
Portfolio Art

### BUSINESS

Accounting 1  
Business Development  
Business Innovations  
Career Readiness  
Cooperative Education (Co-Op)  
Future Prep'd Academy Connections  
Personal Finance 1  
Personal Finance 2  
Photoshop  
Professional Selling  
Robotics  
School Store Marketing  
Technology in Business  
Video Game Programming  
Web Design  
Word Processing

### ENGLISH

English 9  
English 10  
English 11  
English 12  
Integrated US History & Lit  
Integrated World History & Lit  
AP English Lang and Comp  
AP English Lit and Comp  
AP Integrated AP US Hist / AP Lang  
Covering Hawkeye Sports  
Debate / Arg Writing / Speak  
Fiction  
Script Writing  
Theatre  
Writing for Exploration  
Writing for Exploration 2  
Writing for Publication

### MATHEMATICS

Algebra 1  
Geometry  
Algebra 2  
Pre-Calculus  
AP Calculus AB  
College Algebra  
Math in Games  
Math in Sports  
Statistics  
Trigonometry

### MUSIC

Dance 1  
Guitar  
Guitar 2  
Honors Choir  
Musical Theatre Chorus  
Symphonic Band  
Women's Chorale

### PHYSICAL EDUCATION

Athletic Science  
Health 1  
Health 2  
Lifeguarding  
Lifetime Sports and Fitness  
Mental Health Awareness  
Strength & Movement  
Team Sports & Fitness  
Unified PE / Health  
Women's Fitness

### SCIENCE

Biology  
Chemistry  
Physics  
AP Chemistry  
AP Physics C: Mechanics  
Advanced Geology  
Environmental Science  
Human Anatomy  
Science Olympiad

### SOCIAL STUDIES

Civics / Economics  
US History and Geography  
World History and Geography  
Integrated World History & Lit  
AP Integrated AP US Hist / AP Lang  
AP US History  
AP World History: Modern  
Foreign Policy Institute  
History at the Movies  
Psychology  
Social Studies

### WORLD LANGUAGE

Spanish 1  
Spanish 2  
Spanish 3  
Spanish 4  
AP Spanish Language

### MISCELLANEOUS

Careerline Tech Center  
Dual Enrollment  
Early College  
Online Courses  
Student Leadership  
Intro to Teaching / Teaching Practices  
Test Prep



# All Courses

Course	Terms	Credits	9	10	11	12
Accounting 1	2	1.00		x	x	x
Advanced Geology	3	1.50			x	x
Algebra 1	3	1.00	x			
Algebra 2	3	1.00		x	x	
AP Calculus AB	3	1.50				x
AP Chemistry	3	1.50			x	x
AP English Lang and Comp	3	1.50			x	x
AP English Lit and Comp	3	1.50			x	x
AP Integrated AP US Hist / AP Lang	6	3.00				x
AP Physics C: Mechanics	3	1.50				x
AP Spanish Language	3	1.50	x	x	x	x
AP US History	3	1.50			x	x
AP World History: Modern	3	1.50			x	x
Art 1	1	0.50	x	x	x	x
Art 2	1	0.50	x	x	x	x
Art In 3-D	1	0.50	x	x	x	x
Athletic Science	1	0.50		x	x	x
Biology	3	1.00	x			
Business Development	3	1.50		x	x	x
Business Innovations	1	0.50		x	x	x
Career Readiness	1	0.50		x	x	x
Careerline Tech Center	9	4.50			x	x
Ceramics	1	0.50	x	x	x	x
Chemistry	3	1.00		x	x	x
Civics / Economics	3	1.00	x			
College Algebra	3	1.50				x
Cooperative Education (Co-Op)	6	3.00				x
Covering Hawkeye Sports	1	0.50	x	x	x	x
Dance 1	1	0.50	x	x	x	x
Debate / Arg Writing / Speak	1	0.50		x	x	x
Drawing 1	1	0.50	x	x	x	x
Drawing 2	1	0.50		x	x	x
Dual Enrollment					x	x
Early College					x	x
Environmental Science	1	0.50		x	x	x
English 9	3	1.00	x			
English 10	3	1.00		x		
English 11	3	1.00			x	
English 12	3	1.00				x
Fiction	1	0.50		x	x	x
Foreign Policy Institute	1	0.50				x
Future Prep'd Academy Connections	1	0.50	x	x	x	x
Geometry	3	1.00	x	x		
Guitar	1	0.50	x	x	x	x
Guitar 2	1	0.50	x	x	x	x
Health 1	1	0.50	x	x	x	x
Health 2	1	0.50		x	x	x
History at the Movies	1	0.50				x

Course	Terms	Credits	9	10	11	12
Human Anatomy	3	1.50			x	x
Integrated World History & Lit	3	2.00			x	
Intro to Teaching / Teaching Practices	6	3.00				x
Lifeguarding	1	0.50		x	x	x
Lifetime Sports and Fitness	1	0.50	x	x	x	x
Math in Games	1	0.50			x	x
Math in Sports	1	0.50			x	x
Mental Health Awareness	1	0.50		x	x	x
Musical Theatre Chorus	3	1.50	x	x	x	x
Online Courses			x	x	x	x
Painting 1	1	0.50		x	x	x
Personal Finance 1	1	0.50		x	x	x
Personal Finance 2	1	0.50		x	x	x
Photoshop	1	0.50	x	x	x	x
Physics	3	1.00		x	x	x
Portfolio Art	1	0.50			x	x
Pre-Calculus	3	1.50			x	x
Professional Selling	1	0.50		x	x	x
Psychology (even years)	1	0.50			x	x
Robotics	1	0.50	x	x	x	x
School Store Marketing	3	1.50			x	x
Science Olympiad	1	0.50	x	x	x	x
Script Writing	1	0.50	x	x	x	x
Social Studies (odd years)	1	0.50			x	x
Spanish 1	3	1.00	x	x	x	x
Spanish 2	3	1.00	x	x	x	x
Spanish 3	2	1.00	x	x	x	x
Spanish 4	2	1.00	x	x	x	x
Statistics	1	0.50		x	x	x
Strength & Movement	1	0.50	x	x	x	x
Student Leadership	3	1.5	x	x	x	x
Symphonic Band	3	1.50	x	x	x	x
Team Sports & Fitness	1	0.50	x	x	x	x
Technology in Business	1	0.50	x	x	x	x
Test Prep	1	0.50			x	
Theatre	1	0.50		x	x	x
Trigonometry	1	0.50		x	x	x
Unified PE / Health	1	0.50	x	x	x	x
US History and Geography	3	1.00		x		
Video Game Programming	1	0.50	x	x	x	x
Web Design	1	0.50		x	x	x
Women's Chorale	3	1.50	x	x	x	x
Women's Fitness	1	0.50	x	x	x	x
Word Processing	1	0.50	x	x	x	x
World History and Geography	3	1.00			x	
Writing Exploration	1	0.50		x	x	x
Writing Exploration 2	1	0.50		x	x	x
Writing for Publication	3	1.50		x	x	x

## COURSE DESCRIPTIONS (alphabetical listing)

<b>ACCOUNTING 1</b>	<b>SME approved</b>	<b>10, 11,12</b>	<b>1.0 credit (2 terms)</b>
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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.

<b>ADVANCED GEOLOGY</b>		<b>11,12</b>	<b>1.5 credit (3 terms)</b>
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Advanced geology is a college level geology course that will give students the opportunity to earn 4 college credits (at no cost) after passing a four part exam at the end of the year with 70% or greater cumulative score. The college credits transfer to many Michigan colleges/universities. This class is not just for students who plan on majoring in science, but also for students majoring in a non-science program looking to satisfy a college/university's general education science requirement. Topics covered will include: geological hazards, weathering, erosion, glaciers, origin of minerals and rocks, ground water, mapping, and geologic history of the earth. This course will also explore careers related to geology, current events, and connections to other sciences. **Note: This course is taught in a blended manner using an online learning platform. Students will be required to learn using a combination of the online platform, textbook reading, and in class meetings/labs.**

*Prerequisite: Successful completion of Biology*

<b>ALGEBRA 1</b>		<b>9</b>	<b>1.0 credit (3 terms)</b>
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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.

<b>ALGEBRA 2</b>		<b>10, 11</b>	<b>1.0 credit (3 terms)</b>
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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).**

*Prerequisite: Successful completion of Geometry*

<b>AP CALCULUS AB (Advanced Placement)</b>	<b>SME Approved</b>	<b>12</b>	<b>1.5 credit (3 terms)</b>
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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 pay for and 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.

*Prerequisite: Successful completion of Pre-Calculus with a B or better or Instructor approval*

<b>AP CHEMISTRY (Advanced Placement)</b>	<b>SME Approved</b>	<b>11, 12</b>	<b>1.5 credit (3 terms)</b>
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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 pay for and 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.

*Prerequisite: Successful completion of Chemistry with a B- or better*

**AP ENGLISH LANGUAGE AND COMPOSITION (Advanced Placement) 11, 12 1.5 credit (3 terms)**

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 pay for and 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) 11, 12 1.5 credit (3 terms)**

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 pay for and 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 INTEGRATED AP US HISTORY AND AP LANG (Advanced Placement) 12 3.0 credit (6 terms)**

This is a challenging course for students who want to have good discussions and become better readers, writers, and thinkers. It is meant to mirror the rigor of freshman level college courses and can earn students college credit for both English and History. This is a year-long, two hour a day course whose content is driven by History, from the Age of Exploration and Discovery all the way to the present, but will often make connections from historical events to our world now. As such, we'll also discuss, read about, and write about current, relevant issues and how those issues are presented in the media and beyond. In regards to the English content, our focus will exclusively 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. 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. 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 pay for and 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) SME approved 12 1.5 credit (3 terms)**

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 pay for and 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.

*Prerequisite: Successful completion of Physics with a B or better AND be enrolled in AP Calculus*

**AP SPANISH LANGUAGE (Advanced Placement) 9, 10, 11, 12 1.5 credit (3 terms)**

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 pay for and 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.

*Prerequisite: Spanish 1, 2, 3, and 4 or approval of the instructor*

**AP US HISTORY (Advanced Placement)****11, 12****1.5 credit (3 terms)**

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 pay for and 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.

*Recommended to students who have a B or better in US History*

**AP WORLD HISTORY: MODERN (Advanced Placement)****11, 12****1.5 credit (3 terms)**

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 pay for and 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.

*Recommended to students who have a B or better in previous history courses*

**ART 1****VPAA approved****9, 10, 11, 12****.5 credit (1 term)**

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****VPAA approved****9, 10, 11, 12****.5 credit (1 term)**

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.

*Prerequisite: Art 1*

**ART in 3-D****VPAA approved****9, 10, 11, 12****.5 credit (1 term)**

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

*Prerequisite: Art 1*

**ATHLETIC SCIENCE****10, 11, 12****.5 credit (1 term)**

This course provides an opportunity for students to earn credit in both PE or Science. It offers an integrated experience where students learn about the biomechanical, physiological, and anatomical sciences behind the principles and foundations of building strength and speed. This class fulfills the Michigan Merit Curriculum Physical Education requirement.

*Prerequisite: Approval of instructor*

**BIOLOGY****9****1.0 credit (3 terms)**

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****SME approved****10, 11, 12****1.5 credit (3 terms)**

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****10, 11, 12****.5 credit (1 term)**

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. *This course may be taken more than once.*

**CAREER READINESS****10, 11, 12****.5 credit (1 term)**

Students will be exposed to the importance of being career ready and how they can be marketable in the workplace. Students will discover their core values, aptitude for different careers, what jobs are in the marketplace, research a career they are interested in, how to prepare for a career, develop an educational and/or career plan, and what opportunities for employment exist. This course will stress the importance of what measures career readiness and how they can use that market themselves for employment or educational advancement. Job Shadowing will also be required so the student can interview and work with someone in the field, and see first-hand what a day on the job is like.

**CAREERLINE TECH CENTER (CTC)****11, 12****4.5 credit (9 terms)**

Open to 11<sup>th</sup> and 12<sup>th</sup> 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 11<sup>th</sup> and 12<sup>th</sup> graders regardless of race, color, national origin, sex, or disability.

**CERAMICS****VPAA approved****9, 10, 11, 12****.5 credit (1 term)**

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.

*Prerequisite: Art I*

**CHEMISTRY****SME approved****10, 11, 12****1.0 credit (3 terms)**

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****9****.5 credit (1 term)**

This course prepares students for informed and responsible participation as citizens of our constitutional democracy. Students deepen their understanding of the democratic values expressed in the Declaration of Independence and the Constitution. They learn the purpose and structures of government within the federal system. They also learn how citizens exert influence on public affairs and decisions. As a result of this course, students are prepared to exercise the rights and responsibilities of American citizenship.

**COLLEGE ALGEBRA****SME approved****12****1.5 credit (3 terms)**

The College Algebra course would prepare students to take the CLEP test (College-Level Examination Program) for College Algebra. The course would prepare seniors to successfully pass the CLEP College Algebra exam so they may be able to gain college credit without the full rigor of an AP math class. The CLEP College Algebra exam requires students to have a thorough understanding of Algebra 1 and Algebra 2 Common Core standards.

*Prerequisite: Successful completion of Algebra 2  
Board of Education course approval pending*

**COOPERATIVE EDUCATION (Co-Op)****12****3.0 credit (6 terms)**

Cooperative Education is a unique program offered to 12<sup>th</sup> 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.

**COVERING HAWKEYE SPORTS****VPAA approved****9, 10, 11, 12****.5 credit (1 term)**

In this course 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. *This course may be taken more than once.*

**DANCE 1****VPAA approved****9, 10, 11, 12****.5 credit (1 term)**

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. *This course may be taken more than once.*

**DEBATE / ARGUMENTATIVE WRITING AND SPEAKING****10, 11, 12****.5 credit (1 term)**

Debate / Argumentative Writing and Speaking course is designed to improve student's critical thinking, communication, and researching skills. More specifically, this course is designed to teach students how to effectively research a problem/question and become capable of discussing that problem effectively. Values of this course include improving one's ability to think on their feet and expanding one's awareness of current social issues. Much of the class work will involve building and defending debate cases. A student must enjoy researching, working with others, and of course arguing.

**DRAWING 1****VPAA approved****9, 10, 11, 12****.5 credit (1 term)**

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

*Prerequisite: Art 1*

**DRAWING 2****VPAA approved****10, 11, 12****.5 credit (1 term)**

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.

*Prerequisite: Drawing 1*

**DUAL ENROLLMENT****11, 12**

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. **There may be additional costs for the family, depending upon the institution offering the class.** Contact the Counseling Office for more information. *You may not drop out of a Dual Enrollment class without Administrative approval.*

**EARLY COLLEGE****11, 12**

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 10<sup>th</sup> grade year. If you have questions, please see your counselor. *You may not drop out of an Early College class without Administrative approval.*

**ENVIRONMENTAL SCIENCE****10, 11, 12****.5 credit (1 term)**

This course will explore advanced concepts in ecology and environmental science. Building off the introduction given in Biology, Environmental Science will explore such modern issues as global warming, air quality, wetland destruction, clean energy, urban sprawl, and the “Green” movement. This class also combines a “field research” component where students will venture outdoors to collect data, observe ecology in action, and work on community-based habitat projects in the Hamilton area with a blended learning format. Blended learning means students will do much of their direct content learning through online interactions with the teacher, actually meeting face-to-face in the classroom only on lab, field trip, or assessment days. **Internet conductivity at home and basic computer skills are important.** Students will also partner with such organizations as Ducks Unlimited and Pheasants Forever in their learning.

**ECONOMICS****9****.5 credit (1 term)**

This course will cover economic topics of inflation, recession, depression, the law of supply and demand, and monetary policy. It will provide an understanding of capitalism and America's system of free enterprise. In addition, the current state of the United States' economy will be studied. How do tax policy, the stock market, and interest rates affect our lives?

**ENGLISH 9****9****1.0 credit (3 terms)**

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****10****1.0 credit (3 terms)**

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****11****1.0 credit (3 terms)**

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 theatre, 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. *Students may choose the Integrated World History and Literature course to fulfill their English 11 requirement.*

**ENGLISH 12****12****1.0 credit (3 terms)**

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.*

**FICTION****10, 11, 12****.5 credit (1 term)**

This is a course for students who love to read. Both contemporary and classical works, long (novels) and short (short stories) will be studied through discussion, as well as creative and analytical responses. A wide variety of texts will be chosen based on student interest. *This course may be taken more than once.*

**FOREIGN POLICY INSTITUTE****12****.5 credit (1 term)**

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.

**FUTURE PREP'D ACADEMY CONNECTIONS****9, 10, 11, 12****.5 credit (1 term)**

This class will be implemented in conjunction with the OAISD's Future Prep'd Program and will focus on exposure to the business world, project-based learning, the Skills4Success, and the creative sequence. Students will work in a hybrid (online and in-person) model both on and off-campus to solve real-world problems for local businesses and will be granted both high school and college credit, transferable to any college/university. **This class will operate three days a week at the high school for the online portion of the class during 6<sup>th</sup> hour, while two days of the week will take place at one or various local businesses during 6<sup>th</sup> hour and until 4pm.**

**GEOMETRY****9, 10****1.0 credit (3 terms)**

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.

*Prerequisite: Successful completion of Algebra 1*

**GUITAR****VPAA approved****9, 10, 11, 12****.5 credit (1 term)**

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****VPAA approved****9, 10, 11, 12****.5 credit (1 term)**

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.

*Prerequisite: Successful completion of Guitar or perform audition for instructor*

**HEALTH 1****9, 10, 11, 12****.5 credit (1 term)**

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****10, 11, 12****.5 credit (1 term)**

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

*Prerequisite: Successful completion of Health 1 with a B or better*

**HISTORY AT THE MOVIES****12****.5 credit (1 term)**

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****VPAA approved****9, 10, 11, 12****1.5 credit (3 terms)**

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

*Prerequisite: Approval of the instructor*

**HUMAN ANATOMY****11, 12****1.5 credit (3 terms)**

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.

*Prerequisite: Successful completion of Biology with a B- or better*

**INTEGRATED WORLD HISTORY AND LITERATURE****11****2.0 credit (3 terms)**

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.** *Students may choose this course to fulfill both their World History and English 11 requirements.*

**INTRO TO TEACHING / TEACHING PRACTICES****12****3.0 credit (6 terms)**

The primary goal of this course is to help 12<sup>th</sup> graders make a wise vocational choice in the field of education and only secondarily to provide some classroom assistance to 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 Co-Op coordinator.

**LIFEGUARDING****10, 11, 12****.5 credit (1 term)**

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, basic first aid, CPR, AED, oxygen administration, and preventing disease transmission. You must be 15 years old, be able to swim all three strokes, retrieve a 10lb. block, and tread water for 2 minutes.

**LIFETIME SPORTS AND FITNESS****9, 10, 11, 12****.5 credit (1 term)**

This course is designed for both boys and girls who wish to participate in physical activities that can generally be pursued throughout one's lifetime. Students will learn rules and fundamental techniques for a variety of games. With less emphasis on team sports, this class is designed to develop active participation in lifetime sports such as tennis, badminton, pickleball, volleyball, Frisbee golf, softball, and others. Lifetime Sports and Fitness also aims to promote areas of personal fitness and will include a blend of jogging and strength training activities. This class fulfills the Michigan Merit Curriculum Physical Education requirement. *This course may be taken more than once.*

**MATH IN GAMES****SME approved****11, 12****.5 credit (1 term)**

This class will examine the relationship between math and games like dice games, card games, etc. Students will utilize skills and concepts mastered in Algebra and Geometry to investigate games and game theory. Students will engage in classroom investigations, hands-on activities, and written responses to the mathematics behind games.

*Prerequisite: Must be enrolled in or have completed Algebra 2.*

**MATH IN SPORTS****SME approved****11, 12****.5 credit (1 term)**

This class will explore the relationships between math and sports. It will incorporate various concepts learned in Algebra 1, Algebra 2, and Geometry. We will explore basic number sense within many traditional sports. We will apply the concepts of area, volume, perimeter, and circumference to various playing surfaces and equipment. Learn how angles directly impact sports such as billiards and miniature golf. Study statistics and probability and how they apply to individual as well as team sports.

*Prerequisite: Must be enrolled in or have completed Algebra 2*

**MENTAL HEALTH AWARENESS****10, 11, 12****.5 credit (1 term)**

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.

*Prerequisite: Successful completion of Health 1*

**MUSICAL THEATRE CHORUS****VPAA approved****9, 10, 11, 12****1.5 credit (3 terms)**

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 theatre in addition to the traditional choral curriculum. This group will perform at least once each term. *Attendance at all performances is mandatory.*

**ONLINE COURSES****9, 10, 11, 12****Hamilton High School Online Course Catalog**

<https://sites.google.com/hamiltonschools.us/hamiltonhs-online-catalog/home>

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. All Online Course requests must be submitted by the last school day of the previous term or by the final day of orientation in August. *You may not drop out of an online class without Administrative approval, and additional restrictions may apply.*

**PAINTING 1****VPAA approved****10, 11, 12****.5 credit (1 term)**

This course introduces higher levels of painting materials and techniques. Some of the featured painting mediums include tempera, oil pastels, watercolor, and acrylics.

*Prerequisite: Art 1*

**PERSONAL FINANCE 1****SME approved****10, 11, 12****.5 credit (1 term)**

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****SME approved****10, 11, 12****.5 credit (1 term)**

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****VPAA approved****9, 10, 11, 12****.5 credit (1 term)**

Students will be provided with a solid foundation for those looking to learn this industry-standard program for editing digital photographs. They will learn this application through real-world, practical examples and step-by-step instruction throughout the course. In this course students will examine topics such as layering, color techniques, adding text to images, and applying special effects to digital photos. This class will incorporate the principles of Design Thinking and Project Based Learning to give the students an authentic experience while using the photo tools they learned. *This course may be taken more than once.*

**PHYSICS****SME approved****10, 11, 12****1.0 credit (3 terms)**

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 measurement, motion, energy, mechanics, electricity, and magnetism.

*Prerequisite: Must be enrolled in or have completed Algebra 2*

**PORTFOLIO ART****VPAA approved****11, 12****.5 credit (1 term)**

This course is designed for the student who wishes to create or enhance their personal art portfolio in order to possibly apply to a college art program. Each student is on an individual program co-designed by themselves and the teacher.

*Prerequisite: Approval of instructor*

**PRE-CALCULUS****SME approved****11, 12****1.5 credit (3 terms)**

This course is designed to prepare students for their next math course, whether that is in college or AP Calculus. The course is divided into three terms. Throughout these three terms, we will take a deeper look at functions that were covered in Algebra 2, including linear, quadratic, polynomial, rational, radical, exponential, and logarithmic functions. There will also be a heavy focus on Trigonometry, including basic right triangle trig, oblique triangles, graphs of trig functions and trigonometric identities. It will also cover topics such as matrices, vectors, conic sections, sequences, series, and mathematical induction. If time permits, we will scratch the surface of Calculus by looking at limits. **A graphing calculator is required (TI-83 + /TI-84 is recommended).**

*Prerequisite: Successful completion of Algebra 2*

**PROFESSIONAL SELLING****10, 11, 12****.5 credit (1 term)**

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****11, 12****.5 credit (1 term)**

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.

**ROBOTICS****VPAA approved****9, 10, 11, 12****.5 credit (1 term)**

This course is an introductory course in general robotics and is open to all students. Students will learn to build with VEX robotics equipment and then learn how to write simple code using RobotC software. Students will use problem solving skills to collaboratively work on coding and building challenges.

**SCHOOL STORE MARKETING****VPAA / SME approved****11, 12****1.5 credit (3 terms)**

School Store Marketing is a natural transition for all students who have successfully completed all three trimesters of Marketing (now Business Development). 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. Students will be exposed to and encouraged to be part of the Hamilton DECA Chapter as part of their learning.

*Prerequisite: Successful completion of Business Development*

**SCIENCE OLYMPIAD****9, 10, 11, 12****.5 credit (1 term)**

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.

*Prerequisite: Approval of the instructor*

**SCRIPT WRITING****VPAA Approved****9, 10, 11, 12****.5 credit (1 term)**

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. *This course may be taken more than once.*

**SOCIAL STUDIES****11, 12****.5 credit (1 term)**

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****9, 10, 11, 12****1.0 credit (3 terms)**

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****9, 10, 11, 12****1.0 credit (3 terms)**

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.

*Prerequisite: Spanish 1 or approval of the instructor*

**SPANISH 3****9, 10, 11, 12****1.0 credit (2 terms)**

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.

*Prerequisite: Spanish 1 and 2 or approval of the instructor*

**SPANISH 4****9, 10, 11, 12****1.0 credit (2 terms)**

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.

*Prerequisite: Spanish 1, 2, and 3 or approval of the instructor*

**STATISTICS****SME approved****10, 11, 12****.5 credit (1 term)**

Students will collect, explore, organize, and present data in a useful manner. Students will also examine data and describe characteristics of a distribution, relate data to the situation from which they arose, and use data to answer questions. **A graphing calculator is required (TI-83 + /TI-84 is recommended).**

*Prerequisite: Must be taking or have taken Algebra 2*

**STRENGTH & MOVEMENT****9, 10, 11, 12****.5 credit (1 term)**

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 is encouraged to be taken more than once. This class fulfills the Michigan Merit Curriculum Physical Education requirement. *This course may be taken more than once.*

**STUDENT LEADERSHIP****9, 10, 11, 12****1.5 credit (3 terms)**

Student Leadership gives students the opportunity to build their leadership skills in a productive way that a student will be able to use in different life situations. You learn to work effectively in a team setting, while also being in situations where you take charge of a project. There will be a series of evaluations to make sure you're the right fit for the class which would include a written portion. This class is an opportunity to show colleges that you possess certain qualities and characteristics that the colleges or future employers will be looking for. Most importantly in this class, you're presented with the opportunity to change this school, its teachers, students, and admin alike for the better, for hopefully long after we've graduated. We know there are leaders in our student body who would be great for this class who just need the chance to show off their skills. This class is that chance.

*Prerequisite: Approval of committee*

**SYMPHONIC BAND****VPAA approved****9, 10, 11, 12****1.5 credit (3 terms)**

This course is open to all students 9-12 with instrumental music experience. Participation in 6-8 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.

**TEAM SPORTS & FITNESS****9, 10, 11, 12****.5 credit (1 term)**

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. *This course may be taken more than once.*

**TECHNOLOGY IN BUSINESS****9, 10, 11, 12****.5 credit (1 term)**

This course provides students with the opportunity to experience the many uses of technology within modern business. Modern business is changing rapidly and students will develop the technological skills needed within this rapidly changing environment. The course is designed to prepare students for the workplace while incorporating technology to better prepare them to succeed after high school. Students will explore technology applications that exist in modern business, how the applications are used to solve business problems, and the responsibility of all employees using technological applications within the business. Topics that will be covered include analyzing the difference between Google and Microsoft products, looking at ways internal communication occurs with WebEx and Jabber, customer relationship management programs like SAP and CISCO, best practices during web conferencing, and evaluating cyber security.

**TEST PREP****11****.5 credit (1 term)**

This required course is designed to prepare students for the MME testing that all 11<sup>th</sup> graders will take in the Spring. Students will rotate between English, Math, and Science teachers over the 12 week period of the term. Students will be exposed to the characteristics of SAT, M-Step, 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, Reading, Science, and Writing.

**THEATRE****10, 11, 12****.5 credit (1 term)**

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.

**TRIGONOMETRY****SME approved****10, 11, 12****.5 credit (1 term)**

This course will be a comprehensive review of trigonometry, including the six functions, triangle trigonometry, graphing, the six inverse functions, identities and formulas, and solving trigonometric equations.

*Prerequisite: Successful completion of Geometry*

**UNIFIED PE / HEALTH****9, 10, 11, 12****.5 credit (1 term)**

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.

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

**US HISTORY AND GEOGRAPHY****10****1.0 credit (3 terms)**

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.

**VIDEO GAME PROGRAMMING****VPAA approved****9, 10, 11, 12****.5 credit (1 term)**

You will learn to create with code as you program your own exciting video games from scratch. As you work with prototypes, tackle programming challenges, and develop your own personal project, you will transform and grow your abilities, regardless of where they are at when you enter the class. By the end of the course, if you want, you will be ready to put your skills to the test on the Unity Certified User Programming Exam. Most importantly, though, when you complete this course, you will have the confidence that given the time, you can create any video game you want with code. *This course may be taken more than once.*

**WEB DESIGN**

VPAA approved

10, 11, 12

**.5 credit (1 term)**

Web Design will allow students to explore the different aspects of web page development. The class will start with an introduction of HTML and Javascript (coding languages of the web), and move into the use of the web application Dream Weaver. Students will then be introduced to online web development tools such as Weebly and Google Sites. This class will incorporate the principles of Design Thinking and Project Based learning to give the students an authentic experience, while using the web tools they learned.

*Recommended to students who have previous computer experience*

**WOMEN'S CHORALE**

VPAA approved

9, 10, 11, 12

**1.5 credit (3 terms)**

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 festival and perform at community and/or school functions outside of the school day. Attendance at all performances is mandatory. An audition with the director is required before registering for this class.

*Prerequisite: Approval of the instructor*

**WOMEN'S FITNESS**

9, 10, 11, 12

**.5 credit (1 term)**

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.

*This course may be taken more than once.*

**WORD PROCESSING**

9, 10, 11, 12

**.5 credit (1 term)**

Want to type fast and with great accuracy? Tired of hunting and pecking on the keyboard? This course is designed to teach the proper techniques and mastery of the computer keyboard. We will develop your typing speed and help eliminate errors. This course will teach students how to create documents that are formatted to professional business standards. Students will be taught how to create a number of documents, which include: Letters, Reports, Memorandums, Tables, and a variety of other professional documents.

**WORLD HISTORY AND GEOGRAPHY**

11

**1.0 credit (3 terms)**

World History and Geography is a survey course that covers the fall of classical empires (Rome and China) through the conflicts of the late 20<sup>th</sup> 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. *Students may choose the Integrated World History and Literature course to fulfill their World History and Geography requirement.*

**WRITING EXPLORATION**

10, 11, 12

**.5 credit (1 term)**

This course is designed for students who have a desire to improve their writing skills through guided practice and exploration of a variety of writing genres. The focus will be on the individual student's needs and goals for his or her writing. A wide variety of writing skills could be represented. *This course may be taken more than once.*

**WRITING EXPLORATION 2**

10, 11, 12

**.5 credit (1 term)**

This course is a continuation from Writing for Exploration 1. Students will create and share in the writing process for both shorter and longer works. *This course may be taken more than once.*

*Prerequisite: Writing Exploration OR approval of instructor*

**WRITING FOR PUBLICATION**

VPAA approved

10, 11, 12

1.5 credit (3 terms)

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. This course may be taken all three terms, and may be repeated multiple years.

*Prerequisite: Approval of instructor*

**Hamilton High School courses NOT OFFERED in 2022-2023**

Dance 2

Digital Art

International Connections

LINKS

Painting 2



# FOUR-YEAR PLAN OF STUDY

Name \_\_\_\_\_

English 4.0 credits	Social Studies 3.0 credits	Health 1 .5 credits
Math 4.0 credits	Test Prep .5 credits	PE .5 credits
Science 3.0 credits	World Language 2.0 credits	Vis/Perf/App Art 1.0 credits

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9th Grade	10th Grade	11th Grade	12th Grade
English 9 a	English 10 a	English 11 a	English 12 a or AP English a
English 9 b	English 10 b	English 11 b	English 12 b or AP English b
English 9 c	English 10 c	English 11 c	English 12 c or AP English c
Algebra 1 a or Geometry a	Geometry a or Algebra 2 a	Algebra 2 a or 3rd year Math	Senior Math a _____
Algebra 1 b or Geometry b	Geometry b or Algebra 2 b	Algebra 2 b or 3rd year Math	Senior Math b _____
Algebra 1 c or Geometry c	Geometry c or Algebra 2 c	Algebra 2 c or 3rd year Math	Senior Math (c) _____
Biology a	Chemistry a or Physics a	3rd year Science _____	_____
Biology b	Chemistry b or Physics b	3rd year Science _____	_____
Biology c	Chemistry c or Physics c	3rd year Science _____	_____
Civics	US History & Geography a	World History & Geography a	_____
Econ - Civics	US History & Geography b	World History & Geography b	_____
Economics	US History & Geography c	World History & Geography c	_____
_____	_____	Test Prep	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

## Tech Center Scheduling Assistance

Name \_\_\_\_\_

If you are a 10th grade student interested in the Tech Center for next year or a current Tech student who plans to return, use this page as guidance when scheduling your classes. Please keep in mind that this is for those students who have completed all courses on the normal high school timeline. If you have failed any courses, were a transfer student, or completed things on a timeline different from the generally prescribed course plan, please see your counselor for more specific information.

### **10th grade students scheduling for 11th grade with CTC in afternoon (18 trimester courses):**

1. English 11 a or \*Integrated World History and Literature a
2. English 11 b or \*Integrated World History and Literature b
3. English 11 c or \*Integrated World History and Literature c
4. Algebra 2 a or 3rd year Math a
5. Algebra 2 b or 3rd year Math b
6. Algebra 2 c or 3rd year Math c
7. Test Prep
8. \_\_\_\_\_ (elective or other graduation requirement)
9. \_\_\_\_\_ (elective or other graduation requirement)
10. - 18. CTC (make sure to schedule for your specific program)

Alternate 1. \_\_\_\_\_

Alternate 2. \_\_\_\_\_

\*\* (you must also schedule two alternates in case everything does not fit into your above schedule)

### **11th grade students scheduling for 12th grade with CTC in afternoon (18 trimester courses):**

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. World History and Geography a or \* \_\_\_\_\_
5. World History and Geography b or \* \_\_\_\_\_
6. World History and Geography c or \* \_\_\_\_\_
7. \_\_\_\_\_ (3rd year science recommended) or (elective or grad requirement)
8. \_\_\_\_\_ (3rd year science recommended) or (elective or grad requirement)
9. \_\_\_\_\_ (3rd year science recommended) or (elective or grad requirement)
10. -18. Specific CTC Program

Alternate 1. \_\_\_\_\_

Alternate 2. \_\_\_\_\_

\*\* (you must also schedule two alternates in case everything does not fit into your above schedule)

**\* If taking Integrated World History and Literature in 11th grade, you will schedule elective classes instead of World History in your 12th grade year.**

# 12<sup>th</sup> Grade Scheduling Sheet

Name \_\_\_\_\_

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. Senior Math (c) \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_

15. \_\_\_\_\_

16. \_\_\_\_\_

17. \_\_\_\_\_

18. \_\_\_\_\_

Alternative 1. \_\_\_\_\_

Alternative 2. \_\_\_\_\_

# 11<sup>th</sup> Grade Scheduling Sheet

Name \_\_\_\_\_

1. English 11 a      or      Integrated World History and Literature a\*
2. English 11 b      or      Integrated World History and Literature b\*
3. English 11 c      or      Integrated World History and Literature c\*
4. Algebra 2 a      or      3<sup>rd</sup> year Math
5. Algebra 2 b      or      3<sup>rd</sup> year Math
6. Algebra 2 c      or      3<sup>rd</sup> year Math
7. 3<sup>rd</sup> year Science \_\_\_\_\_
8. 3<sup>rd</sup> year Science \_\_\_\_\_
9. 3<sup>rd</sup> year Science \_\_\_\_\_
10. World History and Geography a      or      \* \_\_\_\_\_
11. World History and Geography b      or      \* \_\_\_\_\_
12. World History and Geography c      or      \* \_\_\_\_\_
13. Test Prep
14. \_\_\_\_\_
15. \_\_\_\_\_
16. \_\_\_\_\_
17. \_\_\_\_\_
18. \_\_\_\_\_

Alternative 1. \_\_\_\_\_

Alternative 2. \_\_\_\_\_

\*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.**

# 10<sup>th</sup> Grade Scheduling Sheet

Name \_\_\_\_\_

1. English 10 a
2. English 10 b
3. English 10 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
8. Chemistry b      or      Physics b
9. Chemistry c      or      Physics 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. \_\_\_\_\_

Alternative 1. \_\_\_\_\_

Alternative 2. \_\_\_\_\_

# 9<sup>th</sup> Grade Scheduling Sheet

Name \_\_\_\_\_

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. Econ - Civics
  12. Economics
  13. \_\_\_\_\_
  14. \_\_\_\_\_
  15. \_\_\_\_\_
  16. \_\_\_\_\_
  17. \_\_\_\_\_
  18. \_\_\_\_\_
- Alternative 1. \_\_\_\_\_
- Alternative 2. \_\_\_\_\_