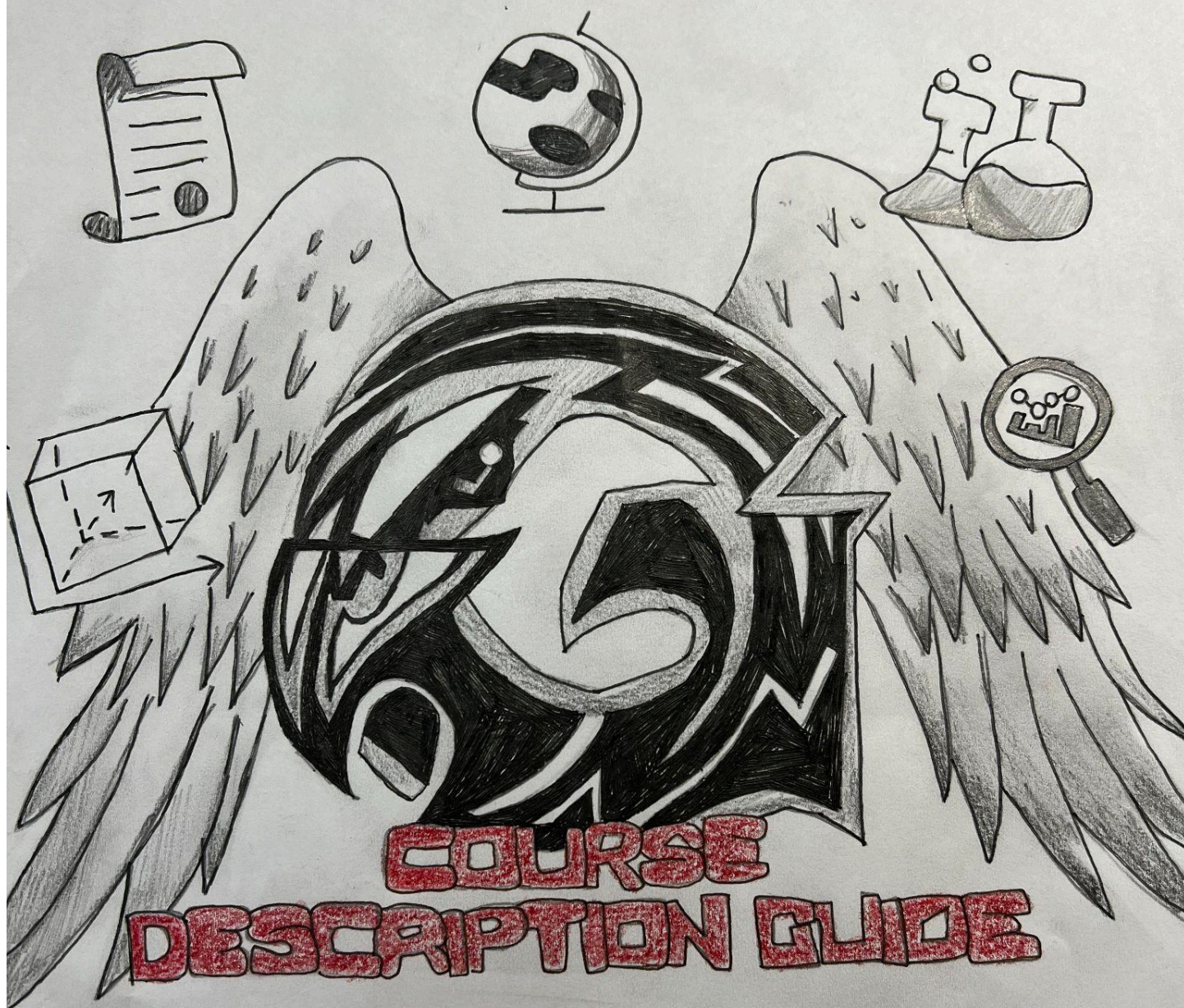


2024-2025



Heidi Tully

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In accordance to Board Policy #5460, Commencement exercises will include only those students who have successfully completed requirements for graduation as certified by the high school principal or those students who have been deemed eligible to participate in such exercises in accordance with the terms of their IEP.

#EachChildOurFuture

Ohio's High School Graduation Requirements
Classes of 2023 and Beyond



It's Your **Future.** Get **Ready.**

Before you know it, you'll be receiving your high school diploma. Ohio is giving you new ways to show the world what you can do with it.

As a student entering ninth grade on or after **July 1, 2019**, Ohio's new high school graduation requirements give you more flexibility to choose a graduation pathway that builds on your strengths and passions – one that ensures you are ready for your next steps and excited about the future.

First, cover the basics

You must earn a minimum total of 20 credits in specified subjects and take your required tests. Then, decide how you will round out your diploma requirements.

English language arts	4 credits
Health	½ credit
Mathematics	4 credits
Physical education	½ credit
Science	3 credits
Social studies	3 credits
Electives	5 credits

Other Requirements
You also must receive instruction in economics and financial literacy and complete at least two semesters of fine arts. Your district may require more than 20 credits to graduate.

Second, show competency

Earn a passing score on Ohio's high school Algebra I and English II tests. Students who do not pass the test will be offered additional support and must retake the test at least once.

Is testing not your strength? After you have taken your tests, there are three additional ways to show competency!

Option 1.

Demonstrate Two Career-Focused Activities*:
Foundational
Proficient scores on WebXams
A 12-point industry credential
A pre-apprenticeship or acceptance into an approved apprenticeship program
Supporting
Work-based learning
Earn the required score on WorkKeys Earn the OhioMeansJobs Readiness Seal

Option 2.

Enlist in the Military
Show evidence that you have signed a contract to enter a branch of the U.S. armed services upon graduation.

Option 3.

Complete College Coursework
Earn credit for one college-level math and/or college-level English course through Ohio's free College Credit Plus program.

*At least one of the two must be a foundational skill

1 | Ohio Graduation Requirements: Classes of 2023 and Beyond | August 2019

Ohio | Department of Education

3

Third, show readiness

Earn two of the following diploma seals, choosing those that line up with your goals and interests. These seals give you the chance to demonstrate academic, technical and professional skills and knowledge that align to your passions, interests and planned next steps after high school.

At least one of the two must be Ohio-designed:

- ☐ OhioMeansJobs Readiness Seal (Ohio)
- ☐ Industry-Recognized Credential Seal (Ohio)
- ☐ College-Ready Seal (Ohio)
- ☐ Military Enlistment Seal (Ohio)
- ☐ Citizenship Seal (Ohio)
- ☐ Science Seal (Ohio)
- ☐ Honors Diploma Seal (Ohio)
- ☐ Seal of Biliteracy (Ohio)
- ☐ Technology Seal (Ohio)
- ☐ Community Service Seal (Local)
- ☐ Fine and Performing Arts Seal (Local)
- ☐ Student Engagement Seal (Local)

Want to learn more? Contact your school counselor or visit education.ohio.gov/graduation



GRAHAM HIGH SCHOOL GRADUATION CHECKLIST

Name _____

Student ID _____

<u>English</u> _____ English 1 _____ English 2 _____ English 3 _____ English 4	<u>4 Credits</u> 1.00 1.00 1.00 1.00	<u>Math</u> _____ 1. _____ _____ 2. _____ _____ 3. _____ _____ 4. _____	<u>4 Credits</u> 1.00 1.00 1.00 1.00																																								
<u>Social Studies</u> _____ World History _____ American History _____ American Gov _____ Economics	<u>3 Credits</u> 1.00 1.00 0.50 0.50	<u>Science(3 Credits)</u> _____ Physical Science _____ Biology _____ _____	<u>3 Credits</u> 1.00 1.00 1.00																																								
<u>Phys Edu/Health</u> _____ Phys Education _____ Phys Education _____ PE Waiver- Pass _____ Health	<u>1 Credit</u> 0.25 0.25 0.50	<u>Other Requirements</u> Economics & Financial Lit Fine Arts	<u>Met</u> _____ _____																																								
<u>Electives (6 Credits)</u> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%; text-align: center;">9th</th> <th style="width: 25%; text-align: center;">10th</th> <th style="width: 25%; text-align: center;">11th</th> <th style="width: 25%; text-align: center;">12th</th> </tr> </thead> <tbody> <tr><td>_____</td><td>_____</td><td>_____</td><td>_____</td></tr> <tr><td>_____</td><td>_____</td><td>_____</td><td>_____</td></tr> <tr><td>_____</td><td>_____</td><td>_____</td><td>_____</td></tr> <tr><td>_____</td><td>_____</td><td>_____</td><td>_____</td></tr> <tr><td>_____</td><td>_____</td><td>_____</td><td>_____</td></tr> <tr><td>_____</td><td>_____</td><td>_____</td><td>_____</td></tr> <tr><td>_____</td><td>_____</td><td>_____</td><td>_____</td></tr> <tr><td>_____</td><td>_____</td><td>_____</td><td>_____</td></tr> <tr><td>_____</td><td>_____</td><td>_____</td><td>_____</td></tr> </tbody> </table>				9th	10th	11th	12th	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
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<u>Credits Earned</u>				
9th_____	10th_____	11th_____	12th_____	Total_____
<u>Service Hours Earned</u>				
9th_____	10th_____	11th_____	12th_____	Total_____
<u>Shadow Hours Earned</u>				
9th_____	10th_____	11th_____	12th_____	Total_____

Criterion 2

Ohio State Tests <ul style="list-style-type: none"> • Algebra 1 • English 2 	Competent _____ _____ _____	Retake _____ _____ _____
<u>Option 1</u> (Career Focus- 2- 1 must be foundational) Foundational ____ Proficient Webexams ____ Industry Credential ____ Complete Pre-apprenticeship ____ Accepted to post Apprenticeship Supporting ____ 250 Work Based Hours with Positive Evaluation ____ OMJ Readiness Seal ____ WorkKeys Readiness Score	<u>Option 2</u> (Military) ____ Military Enlistment	<u>Option 3</u> (College) ____ College Credit (Same course of state test need)

Criterion 3: Earn 2 Diploma Seals- 1 must be a State Diploma Seal

<u>State Diploma Seals</u> ____ OMJ Readiness Seal ____ Biliteracy Seal ____ College Readiness Seal ____ Honors Diploma Seal ____ Science Seal ____ Citizenship Seal ____ Military Seal ____ Technology Seal ____ Industry Credential Seal	<u>Local Diploma Seals</u> ____ Community Service Seal ____ Student Engagement Seal ____ Fine Arts Seal
--	---

Students will earn the ½ credit for each course when they successfully pass (60% or higher) two of the following three semester requirements:

1st Quarter, 2nd Quarter, 1st Semester Final Exam and
 3rd Quarter, 4th Quarter, 2nd Semester Final Exam

Criteria for Diploma with Honors

High school students can gain state recognition for exceeding Ohio's graduation requirements through an Academic Honors Diploma. High-level coursework, college and career readiness tests and real-world experiences challenge students.

Students must meet **all but one** of the following criteria. Each of these criteria go beyond the [standard requirements for a diploma for the classes of 2023 and beyond](#). Students must meet general graduation requirements and complete the requirements outlined below to qualify for honors diplomas. Students may replace one requirement of either 4, 5 or 6 with a "Student Strength Demonstration." The [previous requirements](#) to earn an honors diploma are also available for students in the classes of 2023-2025.

ACADEMIC HONORS DIPLOMA

Requirements	State Minimum
1 Math	Fourth math must be > Algebra 2
2 Science	One additional unit Advanced Science
3 Social Studies	One additional unit Social Studies
4 World Languages	Three sequential units of one world language, or no less than 2 sequential units of two world languages studied
5 GPA	3.5 on a 4.0 scale
6 ACT/SAT	ACT: Score of 27 or higher, SAT: Score of 1280 or higher
7 Seal Requirement	Earn two additional diploma seals, not including Honors Diploma Seal
8 Experiential Learning	Field Experience, OhioMeansJobs Readiness Seal*, Portfolio or Work-Based Learning

*Students can use OMJ Readiness Seal in 2 additional seal requirements if it is not used in Experiential Learning.

Career-Technical Curriculum

High school students can gain state recognition for exceeding Ohio's graduation requirements through an Academic Honors Diploma. High-level coursework, college and career readiness tests and real-world experiences challenge students.

Students must meet **all but one** of the following criteria. Each of these criteria go beyond the [standard requirements for a diploma for the classes of 2023 and beyond](#). Students must meet general graduation requirements and complete the requirements outlined below to qualify for honors diplomas. Students may replace one requirement of either 4, 5 or 6 with a "Student Strength Demonstration." The [previous requirements](#) to earn an honors diploma are also available for students in the classes of 2023-2025.

Requirements	State Minimum
1 Math	Fourth math must be > Algebra 2
2 Career-Tech Coursework	Four units of Career-Tech Courses
3 Career-Tech Proficiency	Earned a cumulative score of proficient or higher on the technical assessments aligned to their program
4 World Languages	Two units of one world language
5 GPA	3.5 on a 4.0 scale
6 ACT/SAT/Workkeys	ACT: Score of 27 or higher, SAT: Score of 1280 or higher Workkeys: Earn a score of six or higher on all three sections of the WorkKeys assessment.
7 Industry-Recognized Seal or Technology Seal	Meet requirements to earn the Industry Recognized Credential Seal or Technology Seal
8 Experiential Learning	Field Experience, OhioMeansJobs Readiness Seal, Portfolio or Work-Based Learning

Student Strength Demonstration Replacement

Students can use the Student Strength Demonstration to replace one of either the **ACT/SAT, GPA or World Language** requirement for any Honors Diploma. The Student Strength Demonstration options are listed below. The same options exist for each diploma* but, where relevant, should reflect coursework or experiences relevant to the theme of the Diploma. For example, a student earning the Career-Tech Honors Diploma and using the pre-apprenticeship option to replace another requirement for the diploma should have a pre-apprenticeship relevant to their career-tech pathway.

OPTIONS:

[College Credit Plus](#): 12 total College Credit Plus credit hours

[Advanced Placement](#): Three courses with score of 3 or higher on AP tests

[Career-Technical Assurance Guide](#) (CTAG): Eligible to earn 12 total articulated credits

[Apprenticeship/Pre-Apprenticeship](#): Completion or Evidence of Acceptance if required to be older than 18

[WorkKeys](#): Score of 6 or higher on all tests (void for Career-Tech Honors Diploma)

[Armed Services Vocational Battery](#): Score of 50

[Work-Based Learning](#): 250 hours

Ohio High School Honors Diploma

Criterion	Ohio Diploma	Academic Honors Diploma	International Baccalaureate Honors Diploma	Career Tech Honors Diploma	STEM Honors Diploma	Arts Honors Diploma (Includes dance, drama/theatre, music, and visual art)	Social Science & Civic Engagement Honors Diploma
Math	4 units, must include one unit of algebra II or equivalent	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	5 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content ⁴	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content
Science	3 units	4 units, including two units of advanced science ²	4 units, biology, chemistry, and at least one additional advance science ²	4 units, including two units of advanced science ²	5 units, including two units of advanced science ²	3 units, including one unit of advanced science ²	3 units, including one unit of advanced science ²
Social Studies	3 units	4 units	4 units	4 units	3 units	3 units	5 units
World Languages	N/A	3 units of one world language, or no less than 2 units of each of two world languages studied	4 units minimum, with at least 2 units in each language studied	2 units of one world language studied	3 units of one world language, or no less than 2 units of each of two world languages studied	3 units of one world language, or no less than 2 units of each of two world languages studied	3 units of one world language, or no less than 2 units of each of two world languages studied
Fine Arts	2 Semesters	1 unit	1 unit	N/A	1 unit	4 units	1 unit
Electives	5 units	N/A	N/A	4 units of Career-Technical minimum ³	2 units with a focus in STEM courses	2 units with a focus in fine arts course work	3 units with a focus in social sciences and/or civics
GPA	N/A	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale
ACT/SAT¹ Workkeys³	N/A	27 ACT/1280 SAT ⁸	27 ACT/1280 SAT ⁸	27 ACT/1280 SAT ⁷ Workkeys (6 Reading for Information & 6 Applied Mathematics) ⁷	27 ACT/1280 SAT ⁸	27 ACT/1280 SAT ⁸	27 ACT/1280 SAT ⁸
Field Experience	N/A	N/A	Complete a field experience and document the experience in a portfolio specific to the student's area of focus ⁵	Complete a field experience and document the experience in a portfolio specific to the student's area of focus ⁵	Complete a field experience and document the experience in a portfolio specific to the student's area of focus ⁵	Complete a field experience and document the experience in a portfolio specific to the student's area of focus ⁵	Complete a field experience and document the experience in a portfolio specific to the student's area of focus ⁵
Portfolio	N/A	N/A	Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts ⁵	Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts ⁵	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts ⁵	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts ⁵	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts ⁵
Additional Assessments	N/A	N/A	N/A	Earn an industry-recognized credential or achieve proficiency benchmark for appropriate Ohio Career-Technical Competency Assessment or equivalent	N/A	N/A	N/A

NOTE: Items shaded in blue are changes that were made to the honors diploma system, including the entire STEM, Arts, and Social Science and Civic Engagement Honors Diplomas

1/24/17

Click [here](#) for the link to the website for more information

HONORS AND AP COURSES

5.0 WEIGHTED SCALE

Honors courses are designed to be rigorous and move at an accelerated pace. The content may or may not be more than a normal course with regards to curriculum, but the depth and breadth of the assessments should be much more strenuous than normal. AP courses offer the same rigor as Honors, however the fundamental difference is that AP may lead to college credit since the curriculum mirrors that of a college. For purposes of Graham High School, both are approved to carry enhanced weighting for the student's GPA.

SERVICE AND SHADOW HOURS

REQUIRED FOR GRADUATION

(These numbers have been lowered due to COVID-19 restrictions through 2024)

CLASS OF	SERVICE HOURS	SHADOW HOURS
2023	20	14
2024	30	21
2025 AND BEYOND	40	28

**FEES IN THE COURSE DESCRIPTION GUIDE ARE SUBJECT
TO CHANGE**



4 Year High School Plan

Student Name:

Expected Graduation:

9th Grade School Year

Course Description	H.S. credits earned	College credits earned	Final Grade
Total:			

10th Grade School Year

Course Description	H.S. credits earned	College credits earned	Final Grade
Total:			

11th Grade School Year

Course Description	H.S. credits earned	College credits earned	Final Grade
Total:			

12th Grade School Year

Course Description	H.S. credits earned	College credits earned	Final Grade
Total:			

RECOMMENDED FOUR YEAR PLANS

Students entering many Ohio colleges and universities are required to have completed a certain program of studies in high school to gain unconditional admission or not have to take remedial coursework due to a deficient high school program. Each individual college has developed particular standards under the following recommendation from the Ohio Board of Regents:

The College Preparatory Curriculum should include at least:

- 4 units/credits of English
- 4 units/credits of Mathematics (through Algebra II)
- 3 units/credits of Social Studies
- 3 units/credits of Science (lab sciences are preferred)
- 1 unit/credit of physical education and health
- 2 or 3 units/credits of the same foreign language or 2 units each of two foreign languages
- 1 unit/credit of Fine Arts

As of the writing of this material, the program of studies we have outlined appears to suffice at most colleges. There are exceptions, and if you have particular colleges in mind, it would be best to research their admission standards.

Advanced Placement courses are available to those students who meet certain academic eligibility requirements. These courses provide excellent college preparation, and for many students, college credit. Applications are available in the guidance office.

Students who are planning a Program of Vocational Education during high school should enroll for the following units of these subjects:

- 4 units/credits of English
- 4 units/credits of Mathematics
- 3 units/credits of Social Studies
- 3 units/credits of Science
- 1 unit/credit in physical education and health
- 1 unit/credit of business/technology, fine arts or foreign language
- 6 units/credits of vocational specialty

The recommendations listed above are intended as representative minimums. Each program should be supplemented to meet the needs of the individual students.

END OF COURSE EXAMS (EOC)

Class of 2023 and beyond primary tests will be ELA II and Algebra I to meet the testing indicator. Students will also continue to test in American History, Government and Biology as the test scores from these assessments will be applied to graduation seals.

PUPIL CLASS LOAD

Each student must attend school all day unless enrolled in an approved work-study program or College Credit Plus Program. Students, with the exceptions of those in an approved work-study program, must carry a minimum of 7.0 academic units of credit each year. **Students shall have no more than one full year study hall.** Students are encouraged to carry more than the minimum requirement in order to maintain a balance between class time and study hall time. The counselors will discuss with each student course load requests and requirements each year.

Fees are indicated for most courses, which will require a fee payment. **The amount indicated is based on the current school year and is subject to change for the succeeding school year.**

Some courses require a specific prerequisite, which must be taken and passed before that course may be selected. This is indicated in the course description by **PRE:**

After reviewing the material within this book, students are to fill out a registration form obtained from the counselors. This form is to be taken home and signed by the student and the student's parent or guardian and returned to the counselor. Changes may be indicated or requested by the student and parent or guardian.

Student course registrations are subject to change for administrative purposes, i.e., scheduling conflicts, enrollment, course loads, etc. Students will generally be notified when these changes are necessary.

Students will not be permitted, except by petition, to drop any course for which they have contracted; a student-signed registration is such a contract. In the event that a teacher and student both agree that a student is academically misplaced in the class, a petition to change may be initiated. The student must be in attendance in the class (5) class sessions before the petition can be requested. The following procedure has been established for change of petition:

1. The student must obtain a petition from the guidance office
2. The student must discuss their concern with the class teacher
3. The student must complete the petition form as instructed and return to guidance
4. Final determination of academic misplacement will rest with the counselor
5. Students will be notified of the decision

EDUCATIONAL OPTIONS

Home Instruction shall be available to students who meet the standards as adopted by the State Board of Education. Eligibility will be determined by prolonged medical illness and physical condition as certified by a physician.

Correspondence Study through American Schools is available to students who have failed a course and are unable to reschedule the course into their class schedule. Students requesting a correspondence course(s) for credit must consult with a counselor and obtain an application. Parents or legal guardians of the student shall be responsible for all financial obligations incurred through correspondence course work. Interested students can receive more detailed information from the guidance office.

College Credit Plus Program (Notated as CCP+) has been established to permit high school students in grades 9 through 12 to earn college and high school graduation credits through the successful completion of college courses. Students and parents ***must*** attend an informational meeting and indicate to school officials their intent to participate in such a program **by March 30** before the fall term of the next school year. Specific information is available in the guidance office.

FLIGHT Program: The FLIGHT program is for students looking to jump into their career with the credentials they need to be ahead of the pack. Instructors provide guidance for students to navigate the industry credential pathway as an alternative route to graduation, specialized test prep and stand alone certifications. Specific information is available in the guidance office. Pathways and options can be viewed here:

<http://education.ohio.gov/Topics/Ohio-s-Graduation-Requirements/Industry-Recognized-Credentials-and-Work-Keys/Industry-Recognized-Credentials>

Internship/Capstone Experience

Students in an internship/Capstone course will focus on experiential learning opportunities in a local business, government, community-based, or other site and apply concepts learned in Career Gears to real-world career settings. Through direct observation, reflection, and evaluation, students gain understanding of the internship site's work, mission, and audience. Students will also connect their personal career passions and dreams to internship opportunities. Students will produce a critical reflection of their internship experience demonstrating how they have addressed specific learning goals. Students must have their own transportation and be concurrently enrolled in the Career Gears course.

Early Graduation

Students have the option to graduate in less than four years. Any student considering this option should research the requirements thoroughly. Reasons to consider the early graduation option would be to begin college early, seek full time employment, or military enlistment. (An alternative to beginning college early is the College Credit Plus Program). Parents and students will be notified to attend a conference with administration and a counselor prior to the beginning of school to finalize the early graduation plan.

OHIO HI-POINT CAREER CENTER

(click the link above to go to Ohio Hi-Point's website)

Ohio Hi-Point (located in Bellefontaine) is for students who are at least 16 years old and have interest and the ability to benefit from courses in career-technical education. There are no tuition charges for Career Center students other than fees similar to those normally found in high school. The Career Center prepares students for employment after high school or provides access to 2 + 2 degree-granting programs at technical or community colleges.

From 8:15 a.m. to 2:30 p.m. students spend 2 ¾ hours in the lab and 3 hours in academics needed for graduation. All students can earn 7 credits per year. Some districts allow students to attend ½ day for lab only, taking the academics at the home high school. Students can still participate in extracurricular activities and graduation at the home high school. Job placement opportunities through the School-To-Work program allow second-year students to work and earn credit at the same time.

Students enroll at Ohio Hi-Point through their high school counselor. The guidance office has information regarding enrollment procedures, program descriptions and employment opportunities for students desiring job training at the Career Center.

To attend Ohio Hi-Point without graduation deficiencies, a student must have completed at least eight core credits and have a 1.5 minimum grade point average by the end of the sophomore year. They should also have the physical education and health credit as they are not offered at the Career Center. If a student has credit deficiencies, a plan for meeting graduation requirements must be developed prior to starting at the Career Center. Good attendance is important. Students cannot miss more than 36 days combined during the 9th and 10th grade years to be accepted.

UPPER VALLEY CAREER CENTER

(Click the link above to go to Upper Valley's website)

Upper Valley Career Center (located in Piqua, Ohio) is dedicated to providing the highest quality and most technologically advanced educational opportunities for students in a professional, caring environment while networking with the communities we serve.

Opportunity Awaits

High school students can begin their career pathway, earn college credits, and begin work in their field - all while remaining active in sports and other activities at their home school. We've been the area's leader in STEM - Career and Technical Education for high school and adult students since 1975.

- UVCC offers 25 high school career-technical programs
- UVCC has state and nationally recognized programs, instructors, and administrators
- UVCC facilitates the State Model Apprenticeship Program, which has received national and international attention.
- UVCC has earned national SkillsUSA Chapter Recognition
- UVCC offers not only High Quality Career Tech Programming, but has a model for offering special needs services as well as Transitional Programming.

Students will need their own transportation to and from Upper Valley Career Center

COLLEGE TECH PREP

College Tech Prep is a program designed for completers to be able to enroll in a two-year technical or community college with advanced credit earned while attending Ohio Hi-Point Career Center. Students can earn from 7 to 37 college credits (depending on the program) while attending the Career Center. Ohio Hi Point's post-secondary partners include: Clark State Community College, Edison State Community College, Hocking College, Owens Community College, Rhodes State College, Sinclair Community College, University of Northwestern Ohio and Wright State University-Lake Campus. However, other colleges in Ohio will give advance standing to students completing a career-technical program.

Scholarships from our consortium partners are available to students who complete a two-year College Tech Prep program. Students must maintain good grades and attendance and take senior-level math to be eligible for scholarships. Scholarships range from \$1,000 to \$2,400. In addition, top students compete for larger scholarships including a \$2,000 scholarship to Rhodes State and a full tuition scholarship to Clark State. There are eight College Tech programs offered at Ohio Hi-Point including: Architectural and Mechanical Design, Auto Collision Technology, Automotive Technology, Early Childhood Education, Electronics Engineering Technology, Engineering Technology and Health Technologies.

SCHEDULE CHANGES

The following policies are designed for the purpose of assisting students in planning a more meaningful schedule. **ALL WRITTEN REQUESTS FOR SCHEDULE CHANGES IN THE FALL AND AT SEMESTER MUST BE COMPLETED AND PRESENTED TO THE GUIDANCE OFFICE DURING THE FIRST THREE (3) DAYS OF THE SEMESTER.**

Accepted Changes

Due to commitments for staff assignments and ordering workbooks and other supplies, request for schedule changes must meet one of the following criteria:

1. Mechanical error changes
2. Changes to meet graduation requirements
3. Changes necessitated by course failures
4. Changes necessitated by physical health (doctor's recommendation)
5. Completion of successful course work in summer school, independent study and/or tutorial study
6. Addition of a class in lieu of study hall the same period, class size permitting; or
7. Inappropriate academic placement with a teacher's recommendation and counselor and administration approval.

Procedures for Changing a Schedule

1. The student must consult with a counselor to determine the wisdom and validity of the requested change
2. The student must secure written permission from a parent/guardian by completing a schedule change petition.

This will assist you in making your schedule. The blank spaces will be filled up with a Study Hall. Remember, you can only have one study hall per year.

PERIODS	1ST SEMESTER	2ND SEMESTER
1.		
2.		
3.		
4		
5a	Lunch	Lunch
5b		
6.		
7.		

AGRIBUSINESS & PRODUCTION SYSTEMS

9th /10th grade

Agriculture, Food and Natural Resources
Animal and Plant Science

Animal Anatomy and Physiology
Livestock Selection, Nutrition, & Management
Greenhouse & Nursery Management
Wildlife and Fisheries
Agronomic Systems

11th /12th grade

Business Management for Agricultural and Environmental Systems
Mechanical Principles
Science & Technology of Food*
Meat Science and Technology
Agricultural and Environmental Systems Capstone**

***Students must be enrolled in or have completed Chemistry**

****Students must be enrolled in or have completed Business Management for Agricultural and Environmental Systems**

NOTE: All students are required to become FFA Members. FFA membership includes participation within the classroom/lab, SAE and CDEs. Students participating in the above courses have the opportunity to earn college credits while attending high school and may be eligible for tech-prep scholarships. The agricultural courses are provided through a partnership with Ohio Hi-Point Career Center and the lab fee indicated will be paid by Ohio Hi-Point Career Center.

Additional College Credit for Qualified Students: Articulated credit at Clark State Community College for AGR 1250 (Animal Agriculture, 3 sem hours) and MATH 1200 (Technical Math for Agriculture, 3 sem hours). Students must pass a proficiency examination to earn credit.

Industry Credential for Qualified Students: Students who meet all of the following three component criteria may apply for the AgriBusiness Association – Ohio Agribusiness & Production Systems Certification (12points).

Take Any 3 of These Courses &

Pass the WebXam Each Course

- Agriculture, Food and Natural Resources (AFNR)
- Animal and Plant Science
- Livestock Selection, Nutrition, & Management
- Greenhouse & Nursery Management
- Agronomic Systems
- Mechanical Principles
- Science & Technology of Food

**Take This Course & Pass
the WebXam for the Course**

- Business Management for
Agricultural & Environmental
Systems

SAE Project(s)

- At least 500 hours documented
in AET and consisting of
entrepreneurial, placement,
and/or research in an agriculture
industry

601 AGRICULTURE, FOOD AND NATURAL RESOURCES

CREDIT: 1.25

Subject Code: 010105

All Year

PRE: None

Industry Credential for Qualified Students: Earning a proficient Webxam score in this course fulfills part of the criteria to earn the Ohio Agribusiness Association – Agribusiness & Productions Systems Certification (12points) This first course in the career field is an introduction to Agricultural and Environmental Systems. Students will be introduced to the scope of the Agricultural and Environmental Systems career field and emerging technologies including precision agriculture. They will examine principles of food science, natural resource management, animal science & management, plant & horticultural science, power technology and bioscience. Students will examine the FFA organization and Supervised Agricultural Experience programs. Throughout the course, students will develop communication, leadership and business skills essential to the agriculture Industry.

FEE: Paid for by:OHP

602 MEAT SCIENCE AND TECHNOLOGY

CREDIT: 1.25

Subject Code: 011020

All Year

PRE: AFNR

Students will apply food chemistry and microbiology to processing, preservation, packaging, storage and marketing of meat products. Students will design and implement a quality assurance program that meets legal compliance and demonstrates knowledge of safe operation and maintenance of equipment and facilities. Students will evaluate carcass composition, assign quality grades and examine valued-added products. Throughout the course, students will demonstrate customer service and sales techniques while understanding the scope and importance of business and safety regulations.

FEE: Paid for by OHP

603 ANIMAL AND PLANT SCIENCE

CREDIT: 1.25

Subject Code: 010125

All Year

PRE: AFNR (may take concurrently with AFNR)

Industry Credential for Qualified Students: Earning a proficient Webxam score in this course fulfills part of the criteria to earn the Ohio Agribusiness Association – Agribusiness & Productions Systems Certification (12points) Students will apply knowledge of animal and plant science, including precision agriculture concepts, to the agriculture industry. They will be introduced to the value of production animals relative to the agricultural marketplace. Students will engage in animal classification and selection, body systems, along with animal welfare and behavior in relation to the production of animals. Students will learn principles of plant anatomy and physiology and the role of nutrition, deficiencies and growing environment on plant production. Throughout the course, business principles and professional skills will be examined.

FEE: Paid for by OHP

606 AGRONOMIC SYSTEMS**CREDIT: 1.25****Subject Code: 010620****All Year****PRE: AFNR**

Students will apply knowledge and skills, including precision agriculture concepts, required to research, develop, produce and market major agricultural and horticultural crops. Cultural and sustainable production practices will be examined while students apply scientific knowledge of plant development, nutrition and growth regulation. The knowledge and skills needed to manage water, soils and pests related to agronomic crops will be assessed. Students will employ technological advances, communication, business and management strategies appropriate for the industry.

FEE: Paid for by OHP**607 GREENHOUSE AND NURSERY MANAGEMENT****CREDIT: 1.25****Subject Code: 010610****All Year****PRE: AFNR**

College Credit for Qualified Students: CTAG credit at any state institution with a course match for CTAGP002 (Soil Fertility & Fertilizers, 3 sem hours)

Industry Credential for Qualified Students: Earning a proficient Webxam score in this course fulfills part of the criteria to earn the Ohio Agribusiness Association – Agribusiness & Productions Systems Certification (12points)

Students will learn the operational practices needed for the successful growth of nursery stock and /or greenhouse plants. They will learn essential greenhouse practices including water and fertilizer distribution, lighting, ventilation and temperature control. Students will learn pest and disease identification and control along with biosecurity practices. Students will demonstrate knowledge of propagations methods, plant health and nutrition and growth stimulation. Throughout this course, business and employability skills will be Emphasized.

FEE: Paid for by: OHP**608 LIVESTOCK SELECTION, NUTRITION AND MANAGEMENT****CREDIT: 1.25****PRE: AFNR****All Year**

Industry Credential for Qualified Students: Earning a proficient Webxam score in this course fulfills part of the criteria to earn the Ohio Agribusiness Association – Agribusiness & Productions Systems Certification (12points)

Students will identify and apply principles and routine husbandry practices to production animal populations, and precision agriculture. Topics will include principles of nutrition, feed utilization, animal welfare, selection and management of facilities and herd populations. Students will apply knowledge of production animal care to enhance animal growth, selection of breeding stock and management practices. Throughout the course, students will develop management plans reflecting practices for care and legal compliance.

FEE: Paid for by: OHP**611 BUSINESS MANAGEMENT FOR AGRICULTURAL ENV.****CREDIT: 1.25****Subject Code: 010115****All Year****PRE: AFNR**

College Credit for Qualified Students: CTAG credit at any state institution with a course match for CTAGP003 (Agribusiness Management, 3 sem hours) or Articulated credit at University of Northwestern Ohio (UNOH) for AG 106 (Agribusiness Fundamentals, 3 sem hours)

Industry Credential for Qualified Students: Earning a proficient Webxam score in this course is a required component of the Ohio Agribusiness Association – Agribusiness & Productions Systems Certification (12 points)

Students will examine elements of business, identify organizational structures and apply management skills while developing business plans, financial reports and strategic goals for new ventures or existing businesses. Learners will use marketing concepts to evaluate the marketing environment and develop a marketing plan with marketing channels, product approaches, promotion and pricing strategies. Throughout the course, students will apply concepts of ethics and professionalism while implications of business regulations will be identified.

FEE: Paid for by: OHP

612 ANIMAL ANATOMY AND PHYSIOLOGY**CREDIT: 1.25****Subject Code: 010945****All Year****PRE: AFNR**

Students will examine the structure and function of the major organ systems as well as the function and principle of blood flow in animals. Students will study internal and external anatomical parts, their functions, and will investigate the relationship among these parts and systems within the body of the animal. Throughout the course, students will apply the internal functions of anatomical structures to the business and industry principles of the animal industry.

FEE: Paid for by OHP**618 Wildlife and Fisheries****CREDIT: 1.25****PRE: Agriculture, Food and Natural Resources AND****ALL YEAR****Animal Science and Technology OR Plant and Horticulture Science**

Learners will apply the principles and practices of resource conservation and management to fish and wildlife populations. Students learn to properly handle wild animals, principles of wildlife nutrition, inventory practices, water quality parameters and testing, and natural and artificial propagation. Learners will apply principles of facility design and layout for managing fish populations. Learners will research and evaluate the impacts of various land practices, legislation, and human activities on habitats and populations.

FEE: Paid for by OHP**609 Mechanical Principles****CREDIT: 1.25****Subject Code: 010120****ALL YEAR****Prerequisite: AFNR or Animal & Plant Science,**

Industry Credential for Qualified Students: Earning a proficient Webxam score in this course fulfills part of the criteria to earn the Ohio Agribusiness Association – Agribusiness & Productions Systems Certification (12 points)

Students will engage in the mechanical principles utilized in animal and plant production systems. They will learn electrical theory, design, wiring, hydraulic and pneumatic theory, along with metallurgy in relation to hot and cold metals. Students will apply knowledge of sheet metal fabrication applicable to the agricultural industry along with identifying, diagnosing, and maintaining small air-cooled engines. Throughout the course, students will learn critical components of site and personal safety as well as communication and leadership skills.

FEE: Paid for by OHP**630 Science & Technology of Food****CREDIT: 1.25****Subject Code: 011010****All year****PRE: AFNR**

Students will examine the research, marketing, processing and packaging techniques applied to the development of food products. Learners will examine nutrient content and their chemical makeup, while applying principles of chemistry to the development of food products. They will examine and implement food safety, sanitation, and quality assurance protocols. Government regulations and food legislation will be examined and the implications to food science and technology will be identified. **FEE: Paid for by OHP**

617 Environmental Science for Agriculture and Natural Resources**CREDIT: 1.25****Subject Code: 010720****All Year****PRE: AFNR**

Students will study relationships between organisms and their environment. Principles of biogeochemical cycles, air-water-land relationships, non-point pollution, and wetlands will be applied. Students will examine fundamentals of resource development, agriculture sustainability, energy needs and pollution control. They will analyze and interpret data gathered from studies on the ecosystem. Throughout this course, students will develop responses to environmental problems and develop management strategies for responsible conservation and resource development.

FEE: Paid for by OHP

619 AGRICULTURAL & ENVIRONMENTAL SYS CAPSTONE

CREDIT: 1-4

Subject Code: 010190

All Year

PRE: Students must be enrolled in or have completed Business Management for Agricultural and Environmental Systems

College Credit for Qualified Students: College Credit Plus credit at Clark State Community College for AGR 1750 (Precision Agriculture, 3 sem hours)

This is an education option for juniors and seniors who have a desire to extend their learning in a specialized area of agriculture or related fields. This cooperative education program can be completed through working for an agricultural or related business, establishing and successfully operating an agricultural related small business, performing research or other projects decided upon by students, instructors and other parties. The student and the instructor will decide what type of project will be elected, the time requirements for the project and the method of evaluation. All students must have an approved Supervised Agricultural Experience (S.A.E.) for their capstone program. Job Placement and Agribusiness S.A.E. requirement can be fulfilled by required hours for early release, after school, on weekends or in the summer. Other program requirements will be agreed upon by instructor, student and other parties. Students will sign an agreement form that has specific rules and regulations that must be followed. Students must also maintain records of their capstone program. Students who do not comply with these rules and regulations will not be permitted to continue with their program. Total credits allowed will be determined by the type of project and agreements by student, instructor and other parties.

FEE: Paid for by:OHP

BUSINESS COURSES

Ideal path for students would be:

1. Foundations

2. Entrepreneurship

3. Professional and Technical Sales

4. Management Principles

5. Business Capstone

450 BUSINESS FOUNDATIONS

CREDIT: 1.00

PRE: Freshman

All Year

Subject Code: 141000

This is the first course for the Business and Administrative Services, Finance and Marketing career fields. It introduces students to specializations within the three career fields. Students will obtain knowledge and skills in fundamental business activities. They will acquire knowledge of business processes, economics and business relationships. Students will use technology to synthesize and share business information. Employability skills, leadership and communications and personal financial literacy will be addressed. Students will have the opportunity to be a part of a Career Technical Organization: DECA. *Be a part of a real business, by being involved in the new School Store.*

FEE: Paid for by Ohio Hi-Point Career Center

454 ENTREPRENEURSHIP

CREDIT: 1.0

Business Foundations

All Year

Subject Code: 141030

Students will use innovation skills to generate ideas for new products and services, evaluate the feasibility of ideas, and develop a strategy for commercialization. They will use technology to select target markets, profile target customers, define the venture's mission, and create business plans. Students will take initial steps to establish a business. Students will calculate and forecast costs, break-even, and sales. Establishing a brand, setting prices, promoting products, and managing customer relationships will be emphasized. The students will be in charge of running a student run coffee shop.

Students will have the opportunity to be a part of a Career Technical Organization: DECA. *Be a part of a real business, by being involved in the new School Store.*

FEE: Paid for by Ohio Hi-Point Career Center

PROFESSIONAL AND TECHNICAL SALES

CREDIT: 1.0

Business Foundations

All Year

Subject Code: 144030

Professional and Technical Sales will explore sales processes and techniques used in a business-to-business environment. Learners will develop knowledge and skills to develop and maintain positive business relationships, in addition to negotiating and adjusting prices and sales terms. This course also includes learning outcomes in marketing and business communications, including marketing research, information management and social media communications. The students will be in charge of running a student run coffee shop. Students will have the opportunity to be a part of a Career Technical Organization: DECA. *Be a part of a real business, by being involved in the new School Store.*

FEE: Paid for by Ohio Hi-Point Career Center

452 MANAGEMENT PRINCIPLES

CREDIT: 1.0

Pre-Requisite: Business Foundations

All Year

Subject Code: 141025

Students will learn management and motivation theories to plan, organize and direct staff toward goal achievement. They will learn to manage a workforce, lead change, and build relationships with employees and customers. Students will use technology to analyze the internal and external business environment, determine trends impacting business, and examine risks threatening organizational success. Ethical challenges, project management and strategic planning will also be addressed. Students will have the opportunity to be a part of a Career Technical Organization: DECA. *Be a part of a real business, by being involved in the new School Store.*

FEE: Paid for by Ohio Hi-Point Career Center

BUSINESS CAPSTONE

CREDIT: 1.0

Pre-Requisite: Senior

All Year

Subject Code: 142045

Students will apply knowledge, attitudes and skills that were learned in a Business and Administrative Services program in a more comprehensive and authentic way in this capstone course. Capstones often include project- /problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through community partnerships, students may combine classroom learning with work experience. This course can be delivered through a variety of delivery methods including cooperative education or apprenticeship. Students enrolled in the business capstone are typically responsible for assisting in running, organizing and marketing the coffee shop, The Nest. Students will have the opportunity to be a part of a Career Technical Organization: DECA. *Be a part of a real business, by being involved in the new School Store.*

FEE: Paid for by Ohio Hi-Point Career Center

FAMILY AND CONSUMER SCIENCES

Focus Area	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Career & Individual Development			Career & College Readiness - Career Gears (Semester)	Career & College Readiness - Career Gears (Semester)
	Leadership and Community Engagement (Year Long)	Leadership and Community Engagement (Year Long)	Leadership and Community Engagement/ Leadership II (Year Long)	Leadership and Community Engagement/ Leadership II (Year Long)
Food & Nutrition	Principles of Nutrition and Wellness (Semester, Odd Years)	Principles of Nutrition and Wellness (Semester, Odd Years)	Principles of Nutrition and Wellness (Semester, Odd Years)	Principles of Nutrition and Wellness (Semester, Odd Years)
	Global Foods (Semester, Even Years)	Global Foods (Semester, Even Years)	Global Foods (Semester, Even Years)	Global Foods (Semester, Even Years)
Environmental Design	Interior Design, Furnishings and Management (Semester)	Interior Design, Furnishings and Management (Semester)	Interior Design, Furnishings and Management (Semester)	Interior Design, Furnishings and Management (Semester)
Human Services	Child Development (Semester)	Child Development (Semester)	Child Development (Semester)	Child Development (Semester)

All Family and Consumer Sciences students utilize classroom sets of computers for curricular needs. Participation in the local chapter of Family, Career and Community Leaders of America is a part of every class with opportunities for Regional and State levels of competition involving leadership, service learning, and careers. All course fees are paid by Ohio Hi-Point Career Center.

516 GLOBAL FOODS (not offered 2024-2025)

Subject Code: 091210

PRE: Grades 9-12

Students will compare cuisines, ingredients and preferred cooking methods of various cultures. The influence of traditions and regional and cultural perspectives on food choices and culinary practices will be emphasized. Students will examine the issues and conditions that affect the availability and quality of food in the global market, and apply advanced cooking techniques, including the use of specialty and advanced equipment in the preparation of food dishes.

FEE: Paid for by OHP

**CREDIT: 0.50
Semester**

532 CHILD DEVELOPMENT

Subject Code: 091025

PRE: Grades 9-12

Credential for Qualified Students: CPR First Aid, 1 point

Students will study the principles of child growth, development and behavior. An emphasis will be placed on the cognitive development of a child and sensory and motor skills. Additional topics will include childhood diseases, immunizations, theories of development, learning styles and evaluating childcare services.

FEE: Paid for by OHP

**CREDIT: 0.5
Semester**

561 PRINCIPLES OF NUTRITION AND WELLNESS**CREDIT: 0.50****Subject Code: 091225****Semester****PRE: Grades 9-12****Credential for Qualified Students:** ServSafe- Food Handler, 1 point

Students will use principles of nutrition to ensure a healthy body throughout the lifecycle. An emphasis will be placed on planning and preparing meals with an understanding of nutrients and their benefits, portion control and dietary needs. Additional information will include steroid and supplemental use, body weight and management and the implementation of physical activity to maintain a healthy lifestyle.

FEE: Paid for by OHP**563 INTERIOR DESIGN, FURNISHINGS AND MANAGEMENT****CREDIT 0.50****Subject Code: 091500****Semester****PRE: Grades 9-12**

Students will examine design principles used in residential interiors. An emphasis will be placed on incorporating anthropometrics, ergonomics and psychological responses. Additional topics will include the selection and organization of furnishings, floors and wall coverings in living spaces, kitchens and baths.

FEE: Paid for by OHP**564 LEADERSHIP AND COMMUNITY ENGAGEMENT****CREDIT 1.0****Subject Code: 091403****Year Long****PRE: Grades 9-12****Credential for Qualified Students:** Leadership Excellence, 3 points

Students will learn how to become an active community member and citizen. An emphasis will be placed on in-service learning, leadership training and team-building opportunities. Additional topics will include public policy issues, community and global engagement. Service hour requirement could be accomplished as a part of this course.

FEE: Paid for by OHP**955 LEADERSHIP II****Credit 1.0****Subject Code: 091402****Year Long****Pre: Grades 11-12 and Leadership and Community Engagement****Credential for Qualified Students:** Ohio Means Jobs Readiness Seal

This course will build onto Leadership I competencies. Students will focus further on their career goals, service-learning opportunities and job shadows with a possible internship at the end of the course. Students will focus on skills needed to research, obtain and keep a career-related job aligned with their interests, skills and passions. Students will design and present a culminating project to a committee of peers, school staff and community volunteers. Students will be responsible for their own transportation for job shadowing and internship opportunities.

FEE: Paid for by OHP

				PLACE-BASED LEARNING OPTIONS	
TYPE OF EXPERIENCE	GRADE LEVEL	SCHEDULE OPTIONS	CREDIT	REQUIREMENTS	NOTES
APPRENTICE COHORT	GRADES 11,12	Regular school hours; Part of course/ Non-School Hours by agreement; Credit Flex with Admin approval	Work week= school week; work schedule adapted by sponsor employer based on need; paid program with qualified acceptance; Students may earn up to 2 credits with a max of 35 hours per week (travel, break times not included)	Students must be 17 years of age and meet employer application requirements. Students must be on track to graduate on time. Students must agree to district/employer policy and procedure waiver and produce their own liability coverage. Students are responsible for their own transportation to and from work sites and school.	Maintain “C” or better average and 90% attendance during place-based assignment. No major discipline record or issues reported during experience.
INTERNSHIP	GRADES 10, 11, 12	Regular school hours; Part of course; Non-School Hours by agreement; Credit Flex with Admin approval	Flexible based on student’s academic schedule needs; work schedule adapted by sponsor employer based on need; may be paid or unpaid; Students may earn up to 1 credit per semester with a maximum of 18 hours per week (travel, break times not included)	Students must be 17 years of age and agree to course requirements as part of academic schedule, or credit flex agreement with Admin approval. Students are responsible for their own transportation to and from work sites and school where an alternate program does not provide assistance.	Maintain a “C” or better average and 90% attendance during place-based assignments. No major discipline record or issues reported during experience
JOB SHADOW	GRADES 5-12	Regular school hours; Part of course; Non-School Hours by agreement	Observe adults in work settings to learn about career paths; non-relatives as mentors; Participate in job-related challenges or activity; Experience flow of typical work day on a short-term schedule	Students must be 10 years of age; Admin approval for place-based experience with parent permission form. Students are responsible for their own transportation to and from shadow sites where school transportation does not provide pre-arranged assistance	No major discipline record; on track with attendance. No previous issues reported during place-based experiences
CAREER DAY FIELD TRIP	GRADES 5-12	Regular school hours	Observe adults in work settings to learn about career paths; Participate in job-related challenges or activity; Experience flow of typical work day on a short-term schedule	Student must be 10 years of age; Admin approval for place-based experience with parent permission form. Students are responsible for their own transportation to and from shadow sites where school transportation does not provide pre-arranged assistance.	No major discipline record; on track with attendance. No previous issues reported during place-based experiences
Forms: See Guidance Counselor for Career Gears Forms required					

WORK STUDY PROGRAMS

952 JOB PLACEMENT

CREDIT: 0.5 – 3.0

Subject Code: 252525

All Year

PRE: Must have a job and Administrative Approval

This is an “on the job” training experience, rather than a traditional classroom setting. The student is evaluated by the employer and instructor each nine weeks with a Pass or Fail grade. The student is hired with an existing job description of the student’s work assignment that includes, at minimum, skills needed to perform the job duties as well as safety rules and regulations. The coordinator makes visits and emails regularly for communication with the job site. A minimum of 120 successful on-the-job-work hours is needed for each work 1/2 credit earned. Each student will have the opportunity to earn the Ohio Means Job Certification- Graduation Seal. **TRANSPORTATION IS A MUST FOR EVERY STUDENT IN THE PROGRAM. STUDENTS MUST BE EMPLOYED AT A W-2 WAGE EARNING JOB.** A student may earn up to 3 credits per year for the successful completion of the job training experience. This program falls under the supervision of the Ohio Hi-Point Career Center.

FEE: Paid for by Ohio Hi-Point

Career Center

919 JOB RELATED I

CREDIT: 1.0

PRE: Instructor permission only / Special Ed Status

All Year

This is an introductory course concerned with the basic development of work skills, work vocabulary, and planning for the future. Topics include: pride in work, safety rules, use of tools and equipment, and finding and keeping a job. Students will learn valuable on-the-job skills and training to prepare each for the real world and specific scenarios that will guide students to success in real world situations after high school. Students are also taught cursive writing skills. Students should consider attending the Work-Evaluation Center either their freshman or sophomore year.

FEE: None

929 JOB RELATED II

CREDIT: 1.0

Pre: Instructor permission only / Special Ed Status

All Year

This course is designed to extend upon the principles discussed in Job Orientation continuing to focus on the basic development of work skills, work vocabulary, and planning for the future. Topics include: pride in work, safety rules, use of tools and equipment, and finding and keeping a job. Students will learn valuable on-the-job skills and training to prepare each for the real world and specific scenarios that will guide students to success in real world situations after high school. Students are also taught cursive writing skills. Students should consider attending the Work-Evaluation Center either their freshman or sophomore year.

FEE: None

939 JOB RELATED III

CREDIT: 1.0

PRE: Transition Coordinator Approval/ Special Ed Status

All Year

This course is designed to prepare students for job placement. Various topics including job application process, job interviews, problems on the job, getting along with employers and co-workers, switching job sites, and evaluating performance will be discussed. Students are required to prepare pay period budgets and maintain records.

FEE: None

949 JOB RELATED IV**CREDIT: 1.00****PRE: Transition Coordinator Approval/ Special Ed Status****All Year**

This class discusses topics including problems on the job, getting along with employers and co-workers, evaluating performance, switching job sites, planning for the future, etc. Students are required to prepare pay period budgets and maintain records.

FEE: None**930/940 JOB PLACEMENT****CREDITS: 1.0 – 4.0****PRE: Transition Coordinator Approval/ Special Ed Status (Junior or Senior Status)****Semester or All****Year**

This course is to enable those students who are placed in jobs in the community or school for at least 15 hours per week to practice their job skills. Students are required to keep a budget and maintain work records and encouraged to save a percentage of their net pay. The employer and the Graham High School Transition/Work-Study Coordinator determine grades cooperatively.

FEE: None**903 ENCLAVE****CREDIT: 1.0****PRE: Transition Coordinator Approval/ Special Ed Status****All Year**

Students will participate in supported work experiences throughout the community in order to learn different skill sets, be exposed to a variety of careers, and have access to on site job training. This course will allow students to seek immediate feedback from job coaches and employers regarding job performance, expectations, and suggestions for growth and/or improvement.

FEE: None**958 PERSONAL FINANCE FOR DAILY LIVING****CREDIT: 0.50****PRE: Special Education Status/Teacher Recommendation****Semester**

Students will learn the various functional skills that will help prepare the student for financial independence in their community. Students will learn to make good economic decisions, how to produce income, budget finances, shop wisely and live independently. Students in this class will improve their understanding of banking, credit, lending, savings, investments, and planning for retirement. Students will be able to transfer skills learned in the classroom to the community and will participate in the Community Living enclave programs.

FEE: None

Satellite Air Transportation
Course Offerings at Grimes Field - Urbana

Aviation Airframe Systems – offered in even years, next offered 2025-26

Subject Code: 177016

Credit: 1.0

Students will learn the proper use of hand, power and shop tools. They will inspect, repair, and refinish aircraft airframes and external components. Students will rig rotary and fixed-wing aircraft, evaluate and repair sheet metal and nonmetallic structures. Students will form, lay out, bend and join metal airframe components using welding processes, rivets and fasteners. Students will inspect, repair and assemble wooden, metal, aluminum, fiberglass and composite components. Students will inspect and repair external finishes including surface preparation and refinishing.

Powerplant Theory & Maintenance – offered in even years, next offered 2025-26

Subject Code: 177017

Credit: 1.0

Students will learn the principles of theory, operation, and maintenance of powerplant mechanical and electrical systems including ignition, starting, and fire protection. Students will inspect, repair, and install aircraft powerplants. Students will examine and service systems that support each engine type including fuel, lubrication, and cooling. Additionally, students will perform powerplant conformity and airworthiness inspections, troubleshoot malfunctions and service aircraft to assure continued operation and reliability.

Aviation Pilot Training – offered in odd years, next offered 2024-25

Subject Code: 177021

Credit: 1.0

Students will learn the essentials of piloting an aircraft via classroom led Ground School, and if proficiency is obtained, they will have the opportunity to take the FAA Private Pilot Knowledge Test and earn that credential. They will learn principles of aircraft operations, air traffic control, meteorology, and navigation, as well as aircraft performance functions including spins, recovery, stalls, landings, and takeoffs. Students will apply skills to tie-off, transfer and defuel aircraft. An emphasis is given to Federal Aviation Administration regulations, and mitigation of personal and aviation hazards.

Aviation Maintenance General – offered in odd years, next offered 2024-25

Subject Code: 177014

Credit: 1.0

Students will apply knowledge of aircraft ground handling safety procedures to aviation maintenance. Students will start, ground operate, service, and secure aircraft. Students will perform aircraft maintenance including detecting, identifying, removal, and treating of various types of corrosion found on ferrous and non-ferrous metals. In addition, students will identify methods of cleaning aircraft and aircraft components. The course content also focuses on developing communication, leadership, human relations, and employability skills; and safe, efficient work practices.

Aviation Capstone – offered every year

Subject Code: 177023

Credit: 1.0-2.0

Internship opportunities are available at Grimes Field Airport with Champaign Aviation Museum and Mid America Flight Museum, where students are given a “Hands On” opportunity to help restore and build vintage military and civilian aircraft. The capstone course provides opportunities for students to apply knowledge, attitudes and skills that were learned in the Transportation program in a more comprehensive and authentic way. Capstones often include project/problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through community partnerships, students may combine classroom learning with work experience. Students may use the capstone course to earn a Ground School certificate or their Drone Part 107 certification, an industry recognized credential. This course can be delivered through a variety of delivery methods including cooperative education or apprenticeship.

GRAHAM WORKSHOP COURSES

415 Build It Workshop I

Subject Code: 175015

CREDIT: 0.50

Semester

PRE: None-(For Freshman/Sophomore)

Are you interested in a hands-on course learning about basic skills that can be used in everyday life? Students will be challenged to become a doer and a thinker by designing and building exciting hands on projects from wood and other materials. The six core areas of study that will be focused on in this class are safety, measuring, drawing, tools, woodworking and electrical circuits. Students will also have the opportunity to learn about various careers available that use the skills learned in this class. While completing projects, students will be encouraged to collaborate, think outside of the box and be innovative. Skills learned in this class can be applied immediately in everyday life. This course will provide an exciting and dynamic place to be creative and explorative while building things as well as developing life skills that a student can use everyday and for the rest of their life.

FEE: Paid for by OHP

416 Build It Workshop II

Subject Code: 17701

CREDIT: 0.50

Semester

PRE: Build It Workshop I or teacher recommendation

This course has two main areas of focus including welding and small engines. Students will be challenged with becoming a metal fabricator by learning new materials, tools and machines. Students will design, plan and fabricate metallic products from various types of metals. Some skills students will learn in this course include cutting, drilling, sawing and welding. Students will also tear down, inspect and rebuild a gasoline engine while learning the principles of operation. Safety will be embedded in every lesson and area in this course. Students will build their self-confidence while solving problems and working collaboratively. Skills learned in this class can be applied immediately in everyday life.

FEE: Paid for by OHP

417 Design and Innovation

Subject Code: 175001

CREDIT: 1.00

Semester

Pre: Build It Workshop I and Build It Workshop II or teacher recommendation

This course will be a continuation of the skills students have learned in the previous 2 courses with a computer design spin. Students will understand proper technical drafting techniques on paper and then be able to transfer their designs onto computer modeling software, Autodesk Inventor. Students will also use this software to help design solutions to proposed problems. Students may participate in "SkillsUSA", which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace (some fees apply).

FEE: Paid for by OHP

418 Welding Technologies

Subject Code: 176009

CREDIT: 1.00

Semester

PRE: Build It Workshop I and/or II

This course will build upon content learned in Build It Workshop I and Build It Workshop II.

Students will use fundamental welding principles involving shielded metal arc, oxyacetylene, gas tungsten and gas metal arc welding in the flat, horizontal and vertical positions. Students will learn equipment setup, operating procedures, welding inspection and testing. Students will also learn joint designs and layout and will be introduced to welding codes and standards. Additional topics include employability skills and an emphasis will be given to personal safety. Students may participate in "SkillsUSA", which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace (some fees apply).

FEE: Paid for by OHP

419 Workshop Capstone

Subject Code: 175009

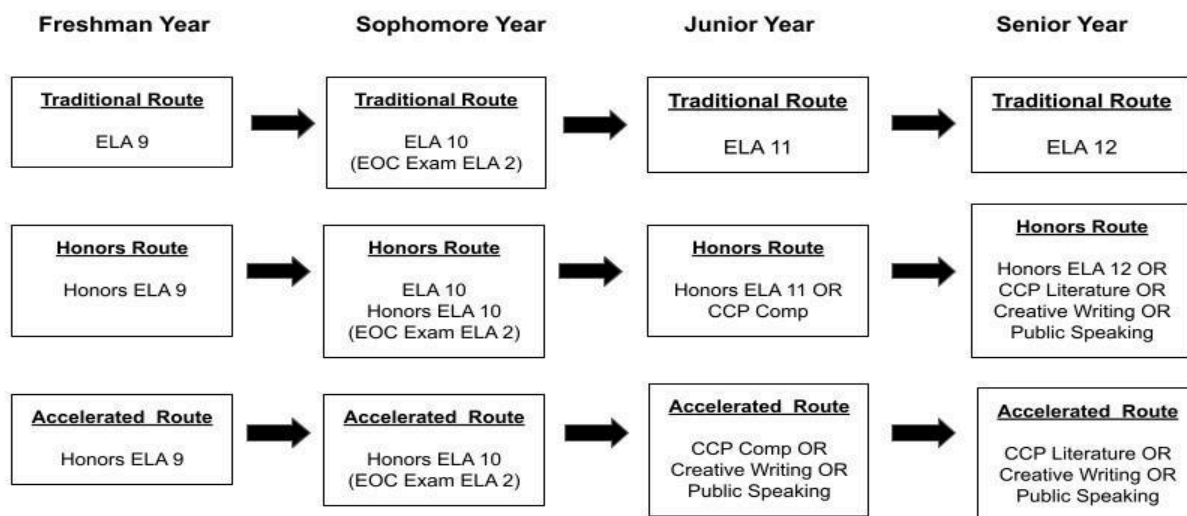
CREDIT: 1.00

Semester

Students will work on an independent project to complete. This course will allow students to showcase the skills they learned in the previous courses with a business development spin. Students will select a project where they will be in charge of designing it from start to finish. During this course, students will work from a paper and pencil sketch to a 3D design model to a completed product. Students will learn how to 'market' their product and showcase to an audience.

FEE: Paid for by OHP

ENGLISH



017 ENGLISH I

PRE: None

CREDIT: 1.0

All Year

This course is designed for the student who plans to attend college, technical school, or the workforce after graduation. Coursework is divided into four major areas: literature, vocabulary, grammar, and composition. In the area of literature, emphasis is placed on analyzing different forms of literature including novels, short stories, plays, and poems. Students will read and study works representing each of these forms. In the area of grammar/composition, emphasis is placed on writing effective paragraphs and essays. Vocabulary and effective communication skills will also be emphasized.

FEE: \$20.00 (Workbook)

HONORS ENGLISH I

PRE: Honors English 8 recommended, one other honors or accelerated course, A or B in previous ELA course, instructor recommendation

CREDIT: 1.0

All Year

This course is a continuation of 8th grade English and is designed for the advanced English student who is planning to continue his/her education after graduation. It is also preparatory for Honors English 10 and later CCP in the junior or senior year. Coursework is divided into four major areas: literature, vocabulary, grammar, and composition. In the area of literature, emphasis is placed on analyzing different forms of literature including novels, short stories, plays, and poems. Students will read and study works representing each of these forms. In the Honors class, additional independent and outside reading is an expectation. More advanced skills for academic writing will be taught. Students will learn to defend their fiction and nonfiction interpretations and inferences with textual support. The concept of a thesis idea and statement, development of writing into paragraphs and essays will be a part of the instruction. Mechanics and usage will be a part of the writing instruction. Students will engage in various listening, researching, and note-taking skills and deliver informational and analytical oral presentations. Increasing vocabulary is a large part of both the literature and writing instruction. Students should arrive with a good work ethic, basic curiosity, and willingness to learn.

FEE: \$20.00 (Workbook and Novel)

6017 ENGLISH I**CREDIT: 1.00****PRE: Special Education Status or 504 Plan****All Year**

This course is a co-taught class designed for the student who is planning to further his education after graduation, directly enter the workforce, or enlist in the military. The course will focus on World Literature through the use of a student textbook and additional novels and plays. The influence of history, society, and diverse viewpoints, development of literary elements, author's craft and structure, and recurring themes in literature and nonfiction are all a part of the course. Writing instruction will focus on narrative, persuasive, informative, literary analysis, business writing, and research with a focus on and further development of essay structure and incorporation of citations. Students will learn to defend their responses with textual evidence and expanded detail. Mechanics and usage will be a part of the writing instruction through a grammar workbook, IXL online assignments, and through writing. Vocabulary development will include a focus on decoding unfamiliar words (literary terminology and ACT/SAT words) using context clues, roots, and analogies, as well as studying vocabulary in literature and nonfiction. Communication skills will also be emphasized.

FEE: \$20.00 (Workbook/Novel/Supplies)**027 ENGLISH II****CREDIT: 1.0****PRE: 017 English****All Year**

This course is a continuation of 017 and is designed for the student who is planning to further his education after graduation, directly enter the workforce, or enlist in the military. Prerequisites for this course include 017, ELA 1. The course will focus on World literature through the use of a student textbook and additional novels. The influence of history, society, and diverse viewpoints, development of literary elements, author's craft and structure, and recurring themes in literature and nonfiction are all a part of the course. Writing instruction will focus on narrative, persuasive, informative, literary analysis, business writing, and research with a focus on and further development of essay structure, citations, and persuasive elements of counterclaim and rebuttal. Students will learn to defend their responses with textual evidence and expanded detail. Mechanics and usage will be a part of the writing instruction through a grammar workbook, IXL online assignments, and through writing. Vocabulary development will include a focus on decoding unfamiliar words using context clues and roots as well as studying vocabulary in literature and nonfiction. Reading comprehension, organizational planning, and test taking strategies will all be a part of this course in order to better prepare students for the End of Course Exam for ELA 2..

Fee: \$20.00 (Workbook and Novel)**6027 ENGLISH II (Inclusion)****CREDIT: 1.0****PRE: Special Education Status or 504 Plan****All Year**

This course is a co-taught class and a continuation of 017 and is designed for the student who is planning to further his education after graduation, directly enter the workforce, or enlist in the military. Additional support for students with IEP or 504 accommodations will be provided. Prerequisites for this course include 017, ELA 1. The course will focus on World literature through the use of a student textbook and additional novels. The influence of history, society, and diverse viewpoints, development of literary elements, author's craft and structure, and recurring themes in literature and nonfiction are all a part of the course. Writing instruction will focus on narrative, persuasive, informative, literary analysis, business writing, and research with a focus on and further development of essay structure, citations, and persuasive elements of counterclaim and rebuttal. Students will learn to defend their responses with textual evidence and expanded detail. Mechanics and usage will be a part of the writing instruction through a grammar workbook, IXL online assignments, and through writing. Vocabulary development will include a focus on decoding unfamiliar words using context clues and roots as well as studying vocabulary in literature and nonfiction. Reading comprehension, organizational planning, and test taking strategies will all be a part of this course in order to better prepare students for the End of Course Exam for ELA 2.

FEE: \$20.00 (Paperback Novel)

HONORS ENGLISH II

CREDIT: 1.0

PRE: Honors English I recommended, one other honors or accelerated course, A or B in previous ELA course, instructor recommendation

All Year

This course is a continuation of 018 or an upgrade from 017 and is designed for the student who is planning to further his education after graduation, enter the workforce, or enlist in the military. Prerequisites for this course include 017, ELA 1. The rigor, pace, and independent work expectations will be greater than that of 027. The course will focus on World literature through the use of a student textbook and additional novels. The influence of history, society, and diverse viewpoints, development of literary elements, author's craft and structure, and recurring themes in literature and nonfiction are all a part of the course. Writing instruction will focus on narrative, persuasive, informative, literary analysis, business writing, and research with a focus on and further development of essay structure, citations, and persuasive elements of counterclaim and rebuttal. Students will learn to defend their responses with textual evidence and expanded detail. Mechanics and usage will be a part of the writing instruction through a grammar workbook, IXL online assignments, and through writing. Vocabulary development will include a focus on decoding unfamiliar words using context clues and roots as well as studying vocabulary in literature and nonfiction. Reading comprehension, organizational planning, and test taking strategies will all be a part of this course in order to better prepare students for the End of Course Exam for ELA 2. Students taking Honors should come prepared with a strong work ethic and writing skills, good organizational and time management skills, an interest in communicating and actively participating, and willingness to think independently, critically and analytically.

FEE: \$20.00 (Workbook and Novel)

037 ENGLISH III

CREDIT: 1.0

PRE: 027 English

All Year

This course is a continuation of 027 or 028 and is designed for the student who is planning to further their education after graduation, enter the workforce, or enlist in the military. Prerequisites for this course include 027 or 028. The course will focus on a survey of American literature through the use of a student textbook, additional novels, and other materials. The influence of history, social culture, author's viewpoints, development of literary elements, author's craft and structure, and recurring themes in literature are all a part of the course. Writing instruction will focus on Expository and persuasive paragraphs of various content and longer essays will be written so that the student will develop the writing skills that are required in both college and the workforce. Students will learn to defend their responses with textual evidence and expanded detail. Effective use of grammar, syntax, diction, and mechanics will be emphasized so that the student is better prepared to perform on the ACT or the SAT. Vocabulary development continues with text specific vocabulary. Group activities and public speaking skills will also be utilized.

FEE: \$20.00 (Workbook and Novel)

6037 ENGLISH III (Inclusion)

CREDIT: 1.0

PRE: Special Education Status or 504 Plan

All Year

This course is a co-taught class and a continuation of 027 and is designed for the student who is planning to further their education after graduation, directly enter the workforce, or enlist in the military. Additional support for students with IEP or 504 accommodations will be provided. Prerequisites for this course include ELA 2. The course will focus on American literature through the use of a student textbook and additional novels. The influence of history, social culture, author's viewpoints, development of literary elements, author's craft and structure, and recurring themes in literature are all a part of the course. Writing instruction will focus on Expository and persuasive paragraphs of various content and longer essays will be written so that the student will develop the writing skills that are required in both college and the workforce. Students will learn to defend their responses with textual evidence and expanded detail. Effective use of grammar, syntax, diction, and mechanics will be emphasized so that the student is better prepared to perform on the ACT or the SAT. Vocabulary development continues with text specific vocabulary. Group activities and public speaking skills will also be utilized.

FEE: \$20.00 (Workbook and Novel)

038 HONORS ENGLISH III**CREDIT: 1:0****PRE: A grade of A or B in 028 English II or an A in 027 English II****All Year**

This course is a continuation of 028 or an upgrade from 027 and is designed for the student who is planning to further their education after graduation, enter the workforce, or enlist in the military. Prerequisites for this course include 027, ELA 2. The rigor, pace, and independent work expectations will be greater than that of 027. The course will focus on American literature through the use of a student textbook and additional novels. The influence of history, society, and diverse viewpoints, development of literary elements, author's craft and structure, and recurring themes in literature and nonfiction are all a part of the course. Writing instruction will focus on narrative, persuasive, informative, literary analysis, and research with a focus on and further development of analysis. Students will learn to defend their responses with textual evidence and expanded detail. Mechanics and usage will be a part of the writing instruction through a grammar workbook, IXL online assignments, and through writing. Vocabulary development will include a focus on decoding unfamiliar words using context clues and roots as well as studying vocabulary in literature and nonfiction. Reading comprehension, organizational planning, and test taking strategies will all be a part of this course in order to better prepare students for the ACT. Students taking Honors should come prepared with a strong work ethic and writing skills, good organizational and time management skills, an interest in communicating and actively participating, and willingness to think independently, critically and analytically.

FEE: \$20.00 (Workbook and Novel)**047 ENGLISH IV****CREDIT: 1.0****PRE: 038 English****All Year**

This course is a continuation of English III/English 037 and is designed for students to further their education after graduation, enter the workforce, or enlist in the military. Prerequisites for this course include English 038/English III. The course will focus on British literature through the use of a student textbook and additional novels. The influence of history, society, and diverse viewpoints, along with the development of literary elements, author's craft and structure, and recurring themes in literature, are all a part of the course. Writing instruction will focus on narrative, persuasive, literary analysis, business writing, and research. Students will refine their skills with defending their responses with textual evidence and expanded detail. Mechanics and usage will be a part of the writing instruction with a focus on and further development of phrases, clauses, and sentence structure. Vocabulary development will consist of words found within the texts that students are reading for the course. Participation in class discussion is an integral part of this course. Group activities and public speaking skills may be utilized. Students should arrive knowing that there will be work outside of class time. Students need a strong work ethic, time and organization skills, and willingness to learn and explore content outside of their norm.

FEE: \$27.00 (Workbook and Novel)**6047 ENGLISH IV (Inclusion)****CREDIT 1.0****PRE: Special Education Status or 504 Plan****All Year**

This course is a continuation of English III/English 6037 and is team-taught. It is designed for students to further their education after graduation, enter the workforce, or enlist in the military. Prerequisites for this course include English 6037/English III. The course will focus on British literature through the use of a student textbook and additional novels. The influence of history, society, and diverse viewpoints, along with the development of literary elements, author's craft and structure, and recurring themes in literature, are all a part of the course. Writing instruction will focus on narrative, persuasive, literary analysis, business writing, and research. Students will refine their skills with defending their responses with textual evidence and expanded detail. Mechanics and usage will be a part of the writing instruction with a focus on and further development of phrases, clauses, and sentence structure, for the purpose of communicating in writing clearly outside of the classroom context. Vocabulary development will consist of words found within the texts that students are reading for the course. Participation in class discussion is an integral part of this course. Group activities and public speaking skills may be utilized. Students should arrive knowing that there will be work outside of class time. Students should have a willingness to learn and explore content outside of their norm.

FEE: \$27.00 (Workbook and Novel)

048 COLLEGE PREP ENGLISH IV**CREDIT: 1:0****PRE: A grade of A or B in 038 English III or an A in 037 English III****All Year**

This course is a continuation of Honors English III/Honors English 038 and is designed for the student who is planning to attend a two or four-year college. The course will focus on British literature through the use of a student textbook and additional novels. The influence of history, society, and diverse viewpoints, along with the development of literary elements, author's craft and structure, and recurring themes in literature, are all a part of the course. Writing instruction will focus on persuasive, literary analysis, business writing, and research, with a higher analytical level than expected of students in regular English IV. Students will refine their skills with defending their responses with textual evidence and expanded detail. Mechanics and usage will be a part of the writing instruction with a focus on and further development of phrases, clauses, and sentence structure, focusing on how to improve coherence and style. Vocabulary development will consist of words found within the texts that students are reading for the course. Participation in class discussion is an integral part of this course. Group activities and public speaking skills may be utilized. Students should arrive knowing that there will be work outside of class time. Students need a strong work ethic, time and organization skills, and willingness to learn and explore content outside of their norm. **This is not a weighted class.**

FEE: \$27.00 (Workbook and Novel)**2201 & 2211 COLLEGE CREDIT PLUS ENGLISH****CREDIT: 1.00****PRE: A grade of A in 027 English or 037 English III****All Year****an A or B in 028 English II or 038 English III****Instructor's Approval and recommendation from 028 or 038 English teacher**

College Credit Plus English is an advanced program ideally offered to students who wish to experience two college-level English courses. Students may choose to earn 6 college credits through Edison Community College: English 121 (Composition) first semester and English 123 (Introduction to Literature) second semester. Credit for high school English will also be earned. The student's skills in writing and reading should be very well developed and the student must be open to extensive reading, writing and discussion. Students must read assigned novels, complete various writing assignments, and hone oral presentation skills. This course will require a strong work ethic, thoughtful inquiry, active participation, and the willingness to accept feedback so that each student will develop a better command of language through literature and writing. **You must be part of the College Credit Program and be accepted by Edison State Community College.**

2201 Composition I is a semester-long college course offered to students who wish to experience college-level reading and writing. Composition I is designed for students to receive feedback from the instructor and peers and will model the writing process of critical thinking, composing, revising, editing, and publishing. Final essays submitted for this course are expected to be at the college level and demonstrate critical thinking, knowledge of writing concepts such as audience, purpose, and context, and mastery over source citations and mechanics, usage, grammar, and spelling. Students will produce personal and academic writing fulfilling specific assignment requirements which will be based on observation, interviewing, analysis of readings, inductive reasoning, and primary and periodical research. Extension of these goals will be implemented through oral presentations and alternative assessments.

2211 Introduction to Literature is a semester-long course offered to students who wish to engage in careful reading and critical analysis of representative works in various genres of literature including novels, drama, short stories, essays, and poetry. Through extensive reading, writing, and alternative assessments, students will consider a work's structure, style, themes, characters, social and historical values, and such elements as an author's use of figurative language, imagery, mood, symbolism, and tone.

916 ENGLISH I**CREDIT: 1.0****PRE: Special Education Status or 504 Plan****All Year**

This course is a continuation of 8th grade English and is designed for the student who is planning to further his education after graduation, enter the workforce, or enlist in the military. This course will focus on the extended academic standards and daily living English skills. The course will focus on acquisition of vocabulary, comprehension strategies, reading applications, writing process, research process and oral/visual communication skills.

FEE: None**926 ENGLISH II****CREDIT: 1.0****PRE: 916 English and Special Education Status or 504 Plan****All Year**

This course is a continuation of 916 English I. Students will experience a variety of literature types, from novels to short stories. Paragraph and essay writing will be practiced. Creative writing will be introduced. Practical applications of English to the workplace will be emphasized.

FEE: None**936 ENGLISH III****CREDIT: 1.0****PRE: 926 English II and Special Education Status or 504 Plan****All Year**

This class is a continuation of 926 English II. Emphasis of the class is the English we use in written and oral communication. Students will practice building sentences, developing paragraphs, and improving their reading skills.

FEE: None**946 ENGLISH IV****CREDIT: 1.0****PRE: 936 English III and Special Education Status or 504 Plan****All Year**

Course content includes reading comprehension, written and oral communication, and reading and following directions. Topics covered in the class are paragraph writing, letter writing, reading for information, and communication.

FEE: None**ENGLISH ELECTIVES****030 PUBLIC SPEAKING****CREDIT: 0.50****PRE: None****Semester**

This is an introductory course to public speaking and communication. This course is meant to help students mainly through speeches and class participation. Students will learn about many different types of speeches and will be responsible for showing their understanding of these differences. Students will also work on listening skills, communication, and researching skills. College Credit can be obtained by taking course 029 "Fundamentals of Communication"

FEE: None**031 MYTHOLOGY****CREDIT: 0.50****PRE: Junior or Senior Status****Semester**

This course is an introductory elective to the world of mythology. The emphasis is on the pantheon of Greek mythology and its influence on the modern world. The coursework includes discussions of classic Greek literature, videos, group and individual research projects, and presentations. This elective will establish the basic foundations for a variety of categories in mythology: creation stories, hero myths, mythical creatures, and symbols. Additional mythical cultures, mythologies and parallel myths will be surveyed in this course. This is an elective course and does not count toward a core English requirement. Students will purchase texts for the course.

FEE: \$10.00 (Mythology Text)

034 FILM STUDY**CREDIT: 0.50****PRE: Junior or Senior Status****Semester**

This is an introductory course to the medium of film. Students will learn about the movie ratings code, as well as different genres of film and their influences and reflection on society. The literary elements of plot, character, setting and theme are also addressed throughout this course. Students will learn about objectively reviewing films and are required to respond to various film elements. A field trip to a film set of a movie that is part of the course curriculum is embedded within the class. This course fulfills one semester of the FINE ARTS requirements for graduation. It is an elective course only. **THIS COURSE IS NOT OPEN TO FRESHMEN OR SOPHOMORES.**

FEE: \$15.00 for the field trip.**036 CREATIVE WRITING****CREDIT: 0.50****PRE: None****Semester**

This course is an English elective that will focus on developing writing strategies and techniques for a wide variety of purposes and audiences. Daily writing will include a focus on reading and writing fiction and nonfiction: short stories, narratives, autobiographies/memoirs, poetry, children's books, and drama. Through creative activities, workshops, and journaling, students will develop their writer's voice as they expand their style regardless of entry level ability. A strong interest in writing is highly recommended. Open to grades 9th-12th.

FEE: None**739 YEARBOOK****CREDIT: 1.0****PRE: Must apply to the course and have the yearbook advisor's approval****All Year**

Students in this class will create the upcoming year's ECHO yearbook. Students will learn about desktop publishing and design as they develop artistic, journalistic, photographic and writing skills in creating designed yearbook pages. Students will also learn about the business aspects of yearbook publishing as they determine the budget and finance the book through advertising and subscription sales. All students will be expected to participate in ad sales. Grades are based on yearbook page design and completion, class attendance and participation and deadlines. Leadership, participation, initiative, and strong attendance are all attributes of a powerful Yearbook staff. The course may be repeated for credit with instructor permission. Students can be pulled from this course if they do not comply with requirements.

FEE: None

FINE ARTS

715 ART I – FUNDAMENTALS OF ART

CREDIT: 0.50

PRE: None

Semester

This course deals essentially with the elements of line, shape, color, texture, value and space with studio experiments in each of these elements. Perspective drawing, painting and a presentation of the fundamentals of color theory are covered thoroughly and serve as a foundation for further courses. Proper artist's terminology is included in class work. A basic fee is charged to cover the cost of supplies and materials for most projects.

Written tests are given every nine weeks and at the end of the semester.

FEE: \$18.00

725 ART II – APPLICATIONS OF ART

CREDIT: 1.0

PRE: Art I

All Year

This course deals with a further application of the fundamentals learned in Art I. Problems in two-dimension design and an introduction to art history, drawing techniques (contour and gesture), and additional work in 2 and 3 point perspective drawing are also presented. More emphasis is placed on design and color theory which will prepare students for concepts explored in Art III and beyond. Some other art supplies may be expected to be purchased throughout the course.

FEE: \$25.00

735 ART III – MAJOR STUDY

CREDIT: 1.0

PRE: Art II

All Year

This course is aimed at the serious art student who desires to understand and experience the aesthetic applications of the various media at the artist's disposal. **It is not recommended for the hobbyist or arts/crafts student.** Emphasis is placed on achieving a high level of technical skill in the major areas of art. Much time is devoted to pictorial composition and formal organization principles. A sketchbook is assigned and kept by each student throughout the year. There is also a portfolio of assigned work which is evaluated before allowing the student to enroll in a higher level art course. Tests are given over artist's terminology, reports are written about individual artists and art movements; videotaped historical lectures are used in the classroom throughout the year. **It is recommended that the student have avid and serious interest in art before.** Students will be expected to purchase much of their own materials for the projects. A list of these materials will be given by the instructor. The basic lab fee is used only for consumable supplies.

FEE: \$32.00

746 ART IV – MAJOR CONCENTRATION

CREDIT: 1.0

PRE: Art III

All Year

Each student is expected to select the media of their strongest interest from a list of projects and further investigate and develop the techniques and skills necessary for a more mature expression of their ideas. Students are expected to be self-motivated, have a serious interest in developing their abilities to the highest level, and be prepared to defend their approach to, and result of, their own ideas. Outside work is expected of the senior art student in the form of written papers on art history topics, hanging exhibits both in and outside the school, and assisting with or demonstrating individual skills when asked. A portfolio is required at the end of each semester as well as a "senior exhibit" of individual work. Students must purchase their own tools for their chosen media.

FEE: \$32.00

Note: The primary aim of the art courses at Graham High School is to introduce the students to a wide variety of visual and expressive media. Experience in painting, graphics, ceramics, sculpture, lettering and freehand drawing are designed to give the student a broad base of experience in all the fine arts. Demonstrations, movies, field trips and slide presentations are used to awaken the student to our vast, rich cultural past. Students who continue with art are encouraged to develop further in the area of their interest and are made aware of the vocational opportunities that their talents merit. Each student will keep a portfolio of his/her work in the class as a tool in evaluating progress and placement in future courses.

747 ART Independent Study

CREDIT: 0.5

PRE: Art IV

Per Semester

This course is for students who are highly motivated and have a desire to do college level work. Course work is designed around those students who are planning a career in the visual art field and/or students who have a strong desire to continue making art after high school. Students will concentrate their efforts on developing their art portfolio, which will include multiple works of art per semester in various media around a common theme. A slide portfolio of 15-20 slides showing the student's work is required for the final evaluation at the end of the course. Outside work may also be expected from the senior art student in the form of hanging exhibits both inside or outside of the school as well as adding help and support on community and/or school based projects. Students can expect to purchase some of their own tools for their chosen media.

Students may take one or two semesters of an Independent Study

FEE: Per Sem. \$16.00

BAND

703 BAND

CREDIT: 1.00

PRE: Middle School Band or Instructor's Permission

All Year

The band curriculum is divided into two areas of music, marching and concert. Band students will read, study and perform a wide variety of band literature. Required performances on weekends or evenings may include, but are not limited to: Holiday Concert, Winter Concert, Large Group Contest, Lions Club Pancake Day, Ice Cream Social and Commencement. Failure to attend will affect the nine week grade. Preparation for these performances will occur during the school class period as well as some after-school rehearsals. Missed rehearsals can affect grades. Marching band students must be enrolled in band class.

**FEE: \$50.00 Instrument Rental Fee for students without instruments
\$20.00 Fee for tuner for each student**

Note: Enrollment in the band course is required for participation in the Marching Band: exceptions are students enrolled in Career Connections (formerly CBI) and senior class conflict. There will be costs associated with marching band that are to be paid to the Band Parent Organization. These items are covered in the band handbook that each student will receive. Marching band participants will be expected to attend summer band practices, bandcamp and after-school rehearsals as well as marching band performances. They will be presented with extracurricular awards for their marching band participation. Marching Band is co-curricular and rehearses during and after school.

699 HISTORY OF MUSIC: THEORY AND PRACTICE**CREDIT: 0.50****PRE: None****1st Semester**

In this course you will examine the elements of different music created during the specific periods in music history. You start by looking at how and why music was created during the Medieval Period and will conclude the semester by examining music of the 20th and 21st centuries. This course is not all about classical music - jazz and modern popular music will also be examined. We will spend a great deal of time listening to different music and then looking at the structure and reasons for its composition. Students will be required to complete a semester project or paper on a related topic of their choice.

FEE: None**701 JAZZ BAND (Second Semester Class)****CREDIT: 0.50****PRE: Member of Concert Band or Equivalent Private Instruction; Teacher Approval. Semester**

This class focuses on the study of jazz from both a large and small ensemble perspective. Students will develop improvisation skills, study the form of jazz, create solos, and perform in many different settings including Rock, Latin and Swing. Concurrent enrollment in Concert Band is required for everyone except Piano, Guitar and Bass players. There will be minimal rehearsal and performance commitments outside of the school day.

Materials Required: Instrument/Supplies, Pencil, Jazz Method Book (Provided), Concert Dress Clothes.

FEE: None

CHOIR

728 CONCERT CHOIR**Credit: 1.00****PRE: None****All Year**

This choir is a mixed ensemble of Soprano, Alto, Tenor, and Bass singers. No audition or previous singing experience is required. Students will be required to participate in approximately 4 performances throughout the year. Fees include folder, shirt and dry cleaning of robes.

FEE: \$30.00**VARSITY CHOIR****Credit: 1.00****PRE: Signature from Instructor****All Year**

This is a select choir geared towards performance and competition. Any student grades 9 to 12 is welcome to audition. Previous singing experience is not necessary but helpful. The choir will sing a variety of musical styles with an emphasis on serious choral music. Some after-school rehearsals before performances will be required. Some evening performances and contests are required and failure to attend will affect the nine week grade. Required concert attire must be ordered by each student by October 1st. The same attire is typically used for multiple years. Fees include folder and shirt.

FEE: \$25.00

WORLD LANGUAGES

GERMAN

019 GERMAN I

CREDIT 1.0

PRE: Students must have passed English the previous year with a C or better as a final grade to be enrolled in German I.

All Year

Students in first-year German will learn to communicate in the German language in four ways: speaking, reading, understanding, and writing. Vocabulary study is emphasized and grammar study is used to help the student acquire a basic ability to communicate. Life in the German-speaking countries (Germany, Austria, Switzerland) will be emphasized. Teenage life, school life, eating habits, and holiday customs are topics covered.

FEE: None

029 GERMAN II

CREDIT: 1.0

PRE: German I with a grade of C or higher

All Year

German II builds upon the skills acquired in German I. Students learn to communicate in a variety of situations through speaking, reading, writing and listening activities. In German II students will continue the German language sequence with an increased emphasis upon reading comprehension and practicing accurate translations skills. Some topics covered are shopping, getting around a city and freetime activities.

FEE: None

039 GERMAN III

CREDIT: 1.0

PRE: German II with a grade of C or higher (class offered based on enrollment)

All Year

This course is designed for students who plan to study German in college. This course builds upon the skills acquired in German II. German III- students will continue the German language sequence with an increased emphasis upon reading comprehension and practicing accurate translations skills. Focus is put upon fluency in all four categories of learning a language.

FEE: None

049 GERMAN IV

CREDIT: 1.0

PRE: German III with a grade of C or higher (class offered based on enrollment)

All Year

The focus will be the expanded use of the fundamentals of all four language skills-speaking, writing, listening, and reading. All activities are contextualized so that the skills are applicable to the authentic language and cultural environment of the German speaking countries. German IV- students will continue the German language sequence with an increased emphasis upon reading comprehension and practicing accurate translations skills. Focus is put upon fluency in all four categories of learning a language.

FEE: None

AMERICAN SIGN LANGUAGE

015 ASL (Beginning American Sign Language, ASL 1215)

CREDIT: 1.0

PRE: An appropriate college placement test, ACT, or SAT score will satisfy the respective CPE requirement. (Must attend the CCP meeting. The college has the right

Semester

to deny admission if the accuplacer is not passed)(There is a needed class size in order to retain the professor)

Introduction to American Sign Language (ASL) and the Deaf. Basic vocabulary and grammatical elements necessary to communicate with individuals who are Deaf with emphasis on developing beginning-level receptive and expressive skills. History of ASL and its development within the United States. Introduction to the unique culture of the Deaf community. Contact Hours (Per week)-Lecture-3 hours.

Must be admitted to the Edison State Community College and pass the ACCUPLACER. Questions please see Mrs. Bechtel.

FEE: None

025 ASL (Beginning American Sign Language, ASL 1225)

CREDIT: 1.0

PRE: ASL 015 (ASL 015 or equivalent course with a C or higher or demonstrated

Semester

proficiency in indicated area of study) (Must attend the CCP meeting. The college has the right to deny admission if the accuplacer is not passed) (There is a needed class size in order to retain the professor)

Introduction to American Sign Language (ASL) and the Deaf building on the components of the first ASL course. Vocabulary for conversing with individuals who are Deaf. Complex grammatical elements with a greater understanding of application while signing. Emphasis on increasing expressive and receptive skills and Deaf culture with first-hand experience.

Must be admitted to the Edison State Community College and pass the ACCUPLACER. Questions please see Mrs. Bechtel.

FEE: None

035 ASL (Intermediate American Sign Language, ASL 2215)

CREDIT: 1.0

PRE: ASL 025 with a grade of C or higher or demonstrated proficiency in indicated area of study

Semester

Integration of learning outcomes across Interpersonal, Interpretive, and Presentational Modes of Communication. Accomplish real-world communicative tasks in culturally appropriate ways to gain familiarity with products, practices, and perspectives of American Deaf culture. Use of grammar, vocabulary, structures and spatial orientation to meet functional performance goals and build a foundation for continued language learning. Consistently perform in the novice range while more abilities emerge and develop in the intermediate range. College-level textbook and materials required

Must be admitted to the Edison State Community College and pass the ACCUPLACER. Questions please see Mrs. Bechtel.

FEE: None

045 ASL (Intermediate American Sign Language, ASL 2225)

CREDIT: 1.00

PRE: ASL 035 with a grade of C or higher or demonstrated proficiency in indicated area of study, instructor permission required

Semester

Integration of learning outcomes across Interpersonal, Interpretive, and Presentational Modes of Communication. Accomplish real-world communicative tasks in culturally appropriate ways to gain familiarity with products, practices, and perspectives of American Deaf culture. Use of grammar, vocabulary, structures, and spatial orientation to meet functional performance goals and build a foundation for continued language learning. Develop abilities in the intermediate range while abilities emerge in the advanced range. College-level textbook and materials required.

Must be admitted to the college and pass the ACCUPLACER. Questions please see Mrs. Bechtel.

FEE: None

HEALTH

911 HEALTH

PRE: None

CREDIT: 0.50

Semester

Health is a combination of your physical, social and mental/emotional well-being. This class will focus on obtaining accurate information and develop necessary skills and behaviors to positively impact one's health for lifelong wellness. Topics include (but are not limited to): Healthy communication and relationships, dating violence prevention, venereal diseases, mental and emotional health, healthy eating, alcohol, tobacco, other drugs (Rx) and first aid and CPR. There will be no homework given unless classwork was not completed in a timely manner. Grades are based on classwork, individual and small group projects and a few quizzes and tests

FEE: None

PHYSICAL EDUCATION

960 PHYSICAL EDUCATION I (Focus State Standards 1, 2, 3 & 5)

PRE: None

CREDIT: 0.25

Semester

The traditional class is an activity class. All students are expected to participate and meet the state standards for an activity program that teaches individual students how to maintain a healthy balance between academics, lifetime sports and recreational activities. Physical education courses at Graham High School will include individual activities, competitive sports, recreational and lifetime sports. A competitive spirit is encouraged along with a desire to both learn about and participate in physical activities, while demonstrating good sportsmanship. Activities may include the following: soccer, basketball, ultimate Frisbee, volleyball, speedball, line dancing, team building activities and many other recreational and lifetime sporting activities.

FEE: None

961 PHYSICAL EDUCATION II (Focus State Standards 2, 3, 4, & 5)

PRE: None

CREDIT: 0.25

Semester

This course is designed to give students the opportunity to learn weight training concepts and techniques used for obtaining optimal physical fitness. Students will benefit from comprehensive weight training and cardiorespiratory endurance activities. Students will learn the basic fundamentals of weight training, strength training, aerobic training and overall fitness training and conditioning. This course includes both lecture and activity sessions. Students will be empowered to make wise choices, meet challenges and develop positive behaviors in fitness, wellness and movement activity for a lifetime.

FEE: None

NOTE: The expectations of all the PE classes are for the students to achieve standards that have been set by the state of Ohio for physical education. The students are required to dress and participate for class each and every day. If they do not, their grade will be adjusted accordingly. If a student sustains an injury and must miss class for three (3) days or more in succession, a doctor's note is required.

MATHEMATICS

Pathways for Mathematics

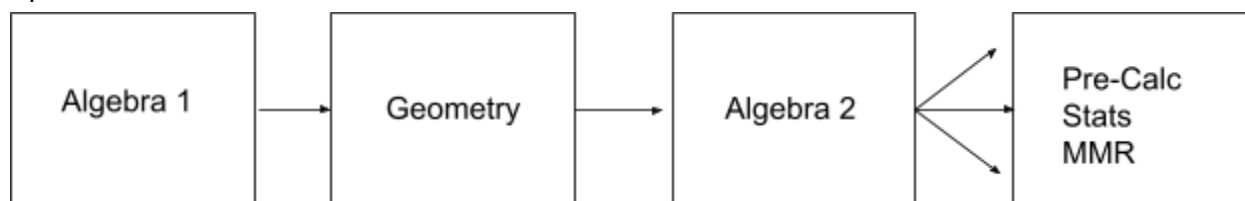
Freshman Year

Sophomore Year

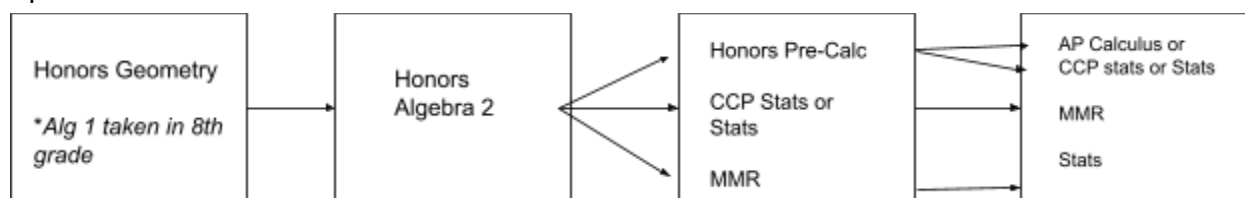
Junior Year

Senior Year

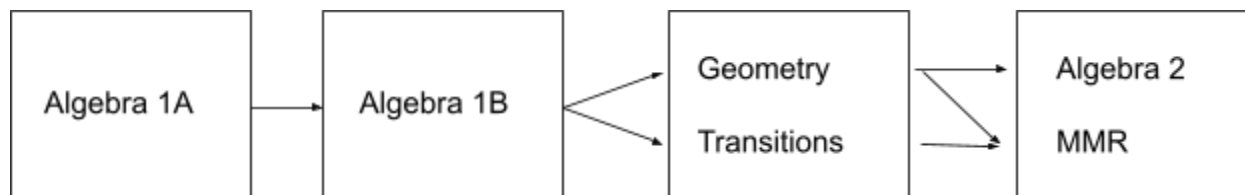
Option 1:



Option 2:



Option 3:



218 ALGEBRA I

PRE: 8th grade math

CREDIT: 1.00

All Year

This course will focus on different representations of functions including; linear, exponential, quadratic, and absolute value. Students will also solve one and two variable equations and inequalities using a variety of methods. Basic statistics over regression and lines of best fit will also be studied. Homework, tests, quizzes, and participation will determine the student's grade.

FEE: Workbook \$5 per semester (\$15/books for replacement)

219 PRINCIPLES OF ALGEBRA 1A

PRE: 8th grade math (recommended from 8th grade OR pre-test OR MAP score lower than 30th percentile)All Year

CREDIT: 1.00

This course will focus on the first half of Algebra 1. The focus areas are: writing expressions, solving equations, relations, functions, graphing and writing equations of linear functions, solving and graphing inequalities, scatterplots, and systems of equations. This course is set at a pace that helps students develop a deeper understanding of the material. It provides students more time to practice in class.

FEE: Workbooks \$5 per year (\$15/book for replacement per book)

220 ALGEBRA 1B**CREDIT: 1.00****PRE: MUST HAVE TAKEN Algebra 1A****All Year**

This course will focus on the second half of Algebra 1. The focus areas are: systems of equations and inequalities, exponents and roots, exponential functions, polynomials, quadratic functions, and statistics. This course is set at a pace that helps students develop a deeper understanding of the material. It provides students more time to practice in class.

FEE: Workbooks \$5 per year (\$15/book for replacement per book)**HONORS GEOMETRY****CREDIT: 1.00**

PRE: *B or higher in Algebra 1 OR Algebra I, EOC score of proficient or higher OR Algebra I and teacher recommendation.*

All Year

This course is intended for students who intend to pursue a math or science related degree in college. Students intending to pursue Honors Geometry will be given summer homework to complete for the following school year. With an emphasis on logical thinking and reasoning, this course covers all major concepts included on the Ohio State Geometry Test. Topics include, but are not limited to: angle relationships and measures, trigonometry, triangle proofs, segments in circles, constructions, and proving types of quadrilaterals. Algebra skills will be strengthened as they are applied using geometric rules. Grades will be determined by quizzes, homework, quarterly assessments, and enrichment opportunities.

FEE: Workbook \$5 per semester (\$15/book for replacement)**228 GEOMETRY****CREDIT: 1.00****PRE: Algebra I****All Year**

With an emphasis on logical thinking and reasoning, this course covers all major concepts included on the Ohio State Geometry Test. Topics include, but are not limited to: angle relationships and measures, trigonometry, triangle proofs, segments in circles, constructions, and proving types of quadrilaterals. Algebra skills will be strengthened as they are applied using geometric rules. Grades will be determined by quizzes, homework, quarterly assessments, and enrichment opportunities.

FEE: Workbook \$5 per semester (\$15/book for replacement)**225 TRANSITIONS****CREDIT: 1.00****PRE: Algebra 1****All Year**

With an emphasis on activity based learning, this course incorporates concepts including functions, Geometry, Statistics and Trigonometry. Algebra skills will be strengthened as they are applied using advanced mathematical rules. Grades will be determined by quizzes, homework, quarterly assessments, and enrichment opportunities.

FEE: \$5 per semester Materials fee**HONORS ALGEBRA II****CREDIT: 1.00**

PRE: *B or higher in Honors Geometry OR EOC score of proficient or higher OR teacher recommendation.*

All Year

This course consists of a quick review of the most important concepts of Algebra I and Geometry and this is a College Prep course. Advanced topics are an in-depth study of sequence and series, logarithms, powers, roots, exponent, and solution of linear and quadratic equations. The course builds on itself day by day, so student's daily attendance is extremely important. Assignments are made daily and all work missed must be made up. During the last part of the second semester, elementary trigonometry is studied as well as graphing, inequalities, and complex numbers. Daily homework, along with class discussions and teacher explanations are methods of instruction. Grades are determined by quizzes, tests, and other special projects assigned by the teacher.

FEE: Workbook \$5 per semester (\$15/book for replacement)

238 ALGEBRA II**CREDIT: 1.00****PRE: Geometry/Transitions and Algebra I****All Year**

This is a college prep course that is a requirement for graduation. For many it will be the hardest class they take. The class moves at a fast pace and builds on itself day by day, so a student's daily attendance is extremely important. Assignments are made each day and all work missed must be made up. The common core standards are followed closely, and the subject matter covered in this course can be found there. Grading will be very rigorous and will be determined by quizzes, tests, and other special projects assigned by the teacher.

FEE: Approved Calculator & Workbook \$5 per semester (\$15/book for replacement)

248 MATHEMATICAL MODELING AND REASONING (MA50905)**CREDIT: 1.00****PRE: Algebra I & Geometry****All Year**

Critical thinking and reasoning are the primary objectives and outcomes of this advanced quantitative reasoning course. It includes applying mathematical skills, including algebraic methods to analyze and interpret quantitative information (numbers in context) in real-world situations to make decisions relevant to daily life. Additionally, the course emphasizes interpretation, precision, representation, calculation, analysis/synthesis, assumptions and communication through student presentations and writing. Students combine problem-solving with modeling to analyze real-life situations and devise solution strategies. These habits and skills cut through disciplines, promote perseverance and provide a gateway into successful postsecondary education and a variety of careers. This course is an Algebra II equivalent.

FEE: \$5 per semester Materials fee

246 AP PRE-CALCULUS**CREDIT: 1.00****PRE: *B or higher in Honors Algebra 2*****All Year*****OR teacher recommendation.***

AP Precalculus prepares students for other higher-level mathematics and science courses. The framework delineates content and skills common to college precalculus courses that are foundational for careers in mathematics, physics, biology, health science, social science, and data science. Students study each function type through their graphical, numerical, verbal, and analytical representations and their applications in a variety of contexts. Additionally, students apply their understanding of functions by constructing and validating appropriate function models for scenarios, sets of conditions, and data sets, thereby gaining a deeper understanding of the nature and behavior of each function type.

Through the course, students strengthen their procedural and symbolic fluency skills needed for higher-level mathematics. While studying each function type, students solve equations and construct equivalent analytic representations in both contextual and purely mathematical settings.

Grades are determined by homework, classwork, quizzes, warm-ups and tests. A graphing calculator is mandatory for this class and the following list contains approved graphing calculators: TI-83, TI-84, TI-84 plus, TI-89, INSPIRE.

FEE: AP Exam Fee (\$86.00) and graphing calculator

247 PRE-CALCULUS**CREDIT: 1.00****PRE: *B or higher in Honors Algebra 2*****All Year*****OR teacher recommendation.*****Precalculus is one of the most powerful math courses in American high schools—taking it increases a student’s likelihood of completing a bachelor’s degree by 155%.**

This course is required for students planning to take AP Calculus or recommended for any student planning on taking a college level mathematics course. “A firm foundation in algebra is necessary for success in college-level mathematics courses.” This class “is designed to help students develop their proficiency in algebra, and so strengthen their understanding of the underlying concepts. Although the basic concepts of algebra are reviewed in the class, it is assumed that most students taking this course have completed two years of high school algebra.” The course “takes every opportunity to show how algebra is a modern modeling language for real-life problems. Examples, and exercises - many using real data - provide a real-life context to help students grasp mathematical concepts. As appropriate, graphing technology is utilized throughout the course to enhance student understanding of mathematical concepts.” Trigonometry concepts will be studied in detail. At the end of the course students will begin calculus concepts such as limits and derivatives. The following percentages will be used to determine the overall grade: 75% quizzes and tests, 15% daily homework assignments, 10% other assignment types. The following graphing calculators are approved and mandatory for this class: TI 83, TI 84, TI 84 Plus, TI 89, or INSPIRE. **FEE: approved graphing calculator.**

FEE: None**249 AP CALCULUS****CREDIT: 1.00****PRE: *B or higher in Honors Algebra 2*****All Year*****OR teacher recommendation.***

This course is designed for students who have a thorough knowledge of college preparatory mathematics including algebra, axiomatic geometry, trigonometry and analytic geometry (rectangular coordinates, equations and graphs, lines and conics). Areas of study will include functions, limits, derivatives of functions, applications, integration and applications of the definite integral. Grades are determined by homework, classwork, quizzes, warm-ups and tests. A graphing calculator is mandatory for this class and the following list contains approved graphing calculators: **TI-83, TI-84, TI-84 plus, TI-89, INSPIRE**

FEE: AP Exam Fee (\$86.00) and graphing calculator**250 STATISTICS****CREDIT: 1.00****PRE: *Algebra 2 or Pre-Calc*****All Year**

Introduction to statistics with an emphasis on probability distributions and hypothesis testing. Students will learn how to use the different functions on a graphing calculator to find different statistics of real world problems and scenarios. Great introductory course for those planning on attending college, interested in statistics, or a career in engineering, business management, physician’s assistant, mathematics, etc. Students can make quiz corrections for points back (only quizzes, not tests).

FEE: None**251 CCP STATISTICS****CREDIT: 1.00****PRE: *B or higher in Honors Algebra 2 OR B or higher in Pre-Calc*****All Year*****OR teacher recommendation.***

College level statistics course where a passing grade will grant students college credit. Students will learn about data collection methods, descriptive statistics, probability, discrete probability distributions, normal probability distributions, confidence intervals, hypothesis testing, and correlation and regression. Daily homework will be assigned. Tests and Quizzes will be weighted 70% of the grade and homework will be weighted 30% of the grade. Late work will not be accepted. There will be no quiz or test corrections for points back. Students must be a part of College Credit Plus and must have attended the mandatory CCP meeting. They also must apply to Edison and take the Accuplacer.

FEE: There is only if you do not pass it.

917 MATH I**CREDIT: 1.0****PRE: Teacher assigned & Special Education Status****All Year**

This is a course that is individualized for each student and includes basic math skills, number theory, fractions, decimals, percents and measurement. This class works on the basic fundamentals of Algebra

FEE: None**927 MATH II****CREDIT: 1.0****PRE: Special Education Status & Completion of Math I****All Year**

This course stresses life skills, math and the use of a calculator. The student will be using the basic skills to solve problems as they relate to real world applications with the emphasis on the fundamentals of Algebra. Each student will have the opportunity to develop his/her skills in fractions and decimals.

FEE: None**937 MATH III****CREDIT: 1.0****PRE: Special Education Status & Completion of Math II****All Year**

This math course is designed to put an individual's math skills to use in everyday life as a consumer. Students are given realistic situations involving earning money, food purchasing, managing a household, traveling, and budgeting as applications.

FEE: None**947 MATH IV****CREDIT: 1.0****PRE: Special Education Status & Completion of Math III****All Year**

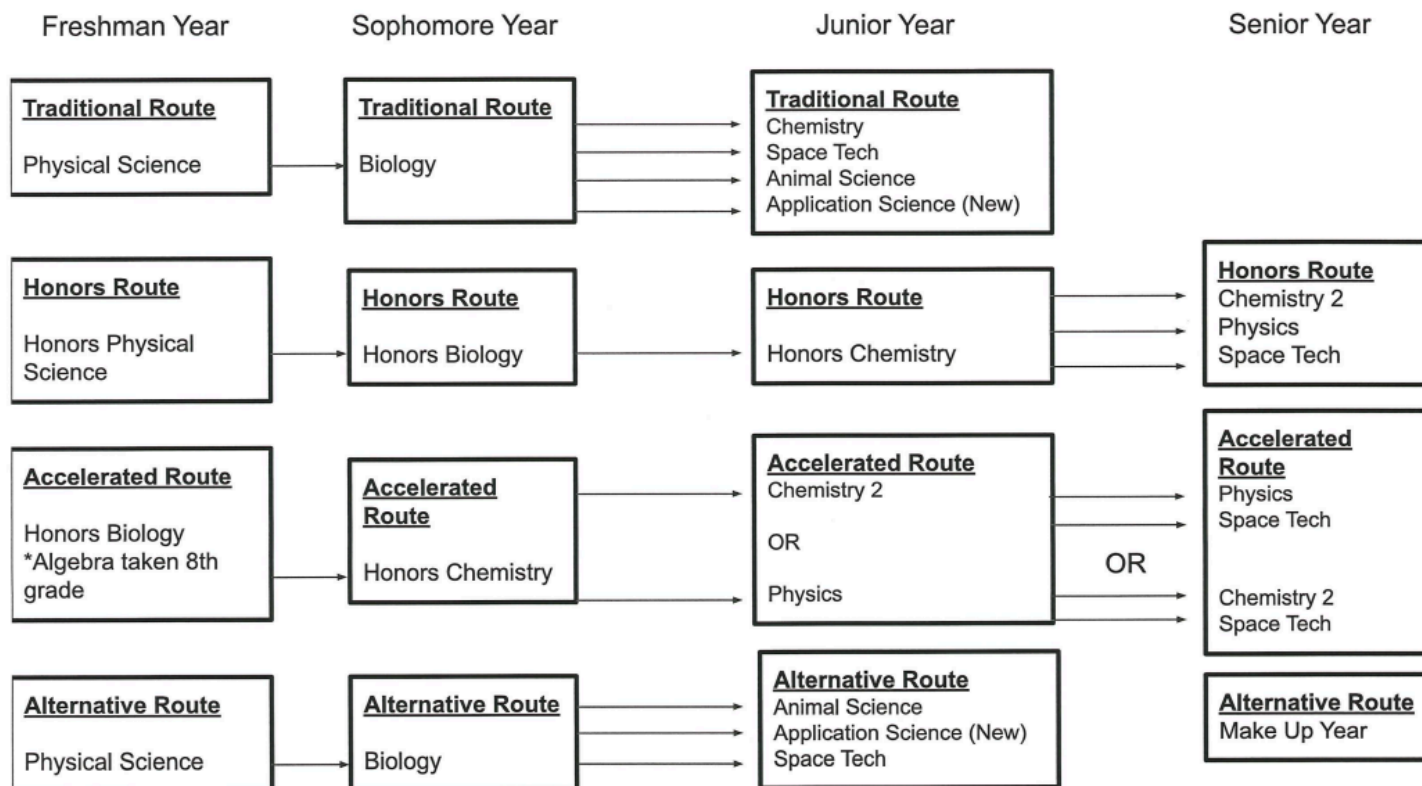
This math course is designed to further increase a student's skills in applying math to everyday situations. Topics include: income tax, sales and real estate taxes, insurance, investment, discounting and retail sales.

FEE: None**77217 ALGEBRA I****CREDIT: 1.0****PRE: Special Education Status****All Year**

This course will cover the rules of arithmetic, linear equations, polynomials and Geometry. Grades are determined from test scores, quizzes, homework and class work.

FEE: None

SCIENCE



315 PHYSICAL SCIENCE

PRE: Freshmen Status

CREDIT: 1.00

All Year

This course is designed to provide students with the fundamentals of chemistry and physics. Students will use inquiry, math and other problem solving skills to explore: the properties of matter, atomic structure, motion and force, conservation of mass and energy, chemical bonding, chemical reactions, and electricity. Students will come to understand how many of these topics are interrelated and how these topics relate to everyday life and the world around them.

FEE \$10.00

HONORS PHYSICAL SCIENCE

PRE: 8th grade science with a grade of A, or a B+ with teacher recommendation, And B or better in Algebra or A in Pre-Algebra

CREDIT: 1.0

All Year

This course will follow the standards and benchmarks set forth by the ODE for 9th grade science. However, the pacing of the course will be accelerated so there will be more homework assigned and less review/makeup time scheduled during the course of the year's class time. Class will take a strong focus on scientific writing as there will be more intensive and more frequent lab reports assigned than the standard Physical Science Course.

The math requirement is deemed necessary as the course requires a significant comfort level with many Algebra based skills such as solving for variables, equation manipulation, calculating slope, graphing, reading graphs, scientific notation, and higher level functions (squares, square roots, etc). In order to maintain proper pacing, significant teaching, or reteaching, of math concepts and skills will not be possible during class time.

FEE: 10.00

325 BIOLOGY**CREDIT: 1.0****Prerequisite or concurrent with Complete Physical Science****All Year**

Biology is a high school level course, which satisfies the Ohio Core Science graduation. This course will provide students with inquiry-based laboratory experiences that engage them in asking valid scientific questions, and gathering and analyzing information. This course investigates the composition, diversity, complexity and interconnectedness of life on Earth. Fundamental concepts of heredity, cellular structure and function, cellular processes and evolution provide a framework through inquiry-based instruction to explore the living world, the physical environment and the interactions within and between them. Students engage in investigations to understand and explain the behavior of living things in a variety of scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications. This course will also prepare students for the ODE Biology Assessment.

FEE: \$30.00**HONORS BIOLOGY****CREDIT: 1.0****PRE: Physical Science with a grade of B or better****All Year**

Biology is a high school level course, which satisfies the Ohio Core Science graduation. This course will provide students with inquiry-based laboratory experiences that engage them in asking valid scientific questions, and gathering and analyzing information. This course investigates the composition, diversity, complexity and interconnectedness of life on Earth. Fundamental concepts of heredity, cellular structure and function, cellular processes and evolution provide a framework through inquiry-based instruction to explore the living world, the physical environment and the interactions within and between them. Students engage in investigations to understand and explain the behavior of living things in a variety of scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications. This course will also prepare students for the ODE Biology Assessment. In addition to covering state standards for Biology, the Honors course will have a strong focus on scientific writing including more intensive and frequent lab reports, as well as independent research assignments. Additional topics discussed may include epidemiology, anatomy and physiology, as well as a deeper discussion on ecological concepts.

FEE: \$30.00**334 SPACE TECH****CREDIT: 1.0****PRE: Junior or Senior status****All Year**

Space Technology is a STEM-based course that combines the fields of astronomy, engineering, and technology. Astronomy topics covered include detailed investigations of the sun, the moon, the solar system, stars, star life cycles, and the possibility of life on other planets. Students will also learn scientific and engineering principles through hands-on lab work, statistical analysis, multimedia presentations, and group projects. Highlights of the class include model rocketry, planetary commercials, Battle Bots, and a stargazing night. The course concludes with a simulated NASA Mission titled Project Vesta. Students interested in astronomy, engineering, robotics, or hands-on learning should strongly consider taking the course. This course fulfills all of the requirements for 3rd year science and graduation

FEE: \$20.00**337 CHEMISTRY****CREDIT: 1.0****PRE: Algebra I with a grade of C or better****All Year**

Beginning with the topic of the chemical nature of matter and the role of electron structure in chemistry, these principles will be applied to chemical reactions, chemical bonding, molecular structure, kinetic theory and states of matter, reaction rates, acid/base and water chemistry, oxidation/reduction, and select other topics. The fundamentals of chemistry require adept mathematical skills and abstract reasoning. Laboratory encounters with the universe will be plentiful. Reading and writing skills will be important. The successful student will be prepared to master chemistry in technical or college settings.

FEE: \$25.00

HONORS CHEMISTRY II

CREDIT: 1.0

PRE: Algebra II with a grade of B or better &

All Year

Chemistry I with a grade of a C or better

Chemistry II is designed as a second-year high school chemistry course. The content expands upon that which was learned in general chemistry and includes new topics such as thermodynamics, hydrocarbons, and reaction rates and equilibrium through classroom and numerous laboratory practices. Strong math background/interest is recommended. This course is beneficial for students planning to study any science or medicine field in college.

FEE: \$25.00

HONORS CHEMISTRY

CREDIT: 1.0

PRE: Algebra I and Biology with a grade of B or better

All Year

This course covers the same chemical principles as Chemistry I in more extensive detail, at a faster pace and requiring additional mathematical application. It is designed for those students with a high ability in math and science who desire to learn additional topics in chemistry.

FEE: \$25.00

HONORS PHYSICS

CREDIT: 1.0

PRE: One credit of Algebra II with a grade of C or better

All Year

Physics introduces students to the use of theory and applied mathematics to predict and explain phenomena in the natural world. Students will use laboratory investigations to study motion, forces, energy and work, heat, sound, light, and electricity. In addition, students will apply their knowledge to practice problems and real-world scenarios. A student who is successful in physics will be better equipped to embark upon college level science in any field.

FEE: \$10.00

349 ANIMAL BIOLOGY

CREDIT: 1.0

PRE: Biology I with a grade of C or better

All Year

Senior Status only, Juniors with approval from instructor

This is a life science elective for students interested in the field of zoology or the Animal Kingdom. A major component of the course involves designing and carrying out scientific investigations and research-based projects. Students will examine both preserved specimens and living organisms. This course also includes topics in ecology, development, anatomy, evolutionary principles, and human impact on the 9 major phyla of the Animal Kingdom.

FEE: \$30.00

SOCIAL STUDIES

115 WORLD HISTORY

CREDIT: 1.0

PRE: Freshman

All Year

This is the required Social Studies course for all sophomores. The course is a survey of World History from the Renaissance to the present. Students will examine key historical events while also considering the economic implications and the role of government. In addition, students will continue to develop their command of social studies methods and skills. The course involves reading, essay writing, oral presentations, group work and research projects.

FEE: None

HONORS WORLD HISTORY

CREDIT: 1.0

PRE: Honors American History, Accelerated English, Instructor Approval

All Year

Freshman

Honors World History fulfills the requirement for a World History credit for sophomores for graduation. The course will examine the major events of modern World History including the Scientific Revolution and Enlightenment, the French Revolution, Industrial Revolution, Age of Imperialism, World War I, Great Depression, World War II, Cold War, decline of Imperialism, post-Cold War developments. The course will have students go in depth into historical topics with an emphasis on critical thinking skills and the development of writing skills. The course will involve the use of primary sources and source analysis to more deeply probe into historical topics. The course grade is weighted. For students planning to attend a four year college or university after high school this is the history course to take.

FEE: None

137 AP AMERICAN HISTORY

CREDIT: 1.0

(This does not count for American History Requirement)

All Year

PRE: Junior with Instructor's approval

This course is designed for the advanced student with a particular interest in American History. It is an in-depth study of the United States from the discovery through recent times. This course places special emphasis on individual and group research, outside readings and writing. At the end of the course, students **must** complete the Advanced Placement Exam. Enrollment will be limited: interested students should apply to the department through the World Studies or American History instructors. Advanced Placement History may be taken after the successful completion of 135 American History. **This course will only be offered based on the number of requests and room in the master schedule.**

FEE: AP Exam Fee (\$86.00)

149 FINANCIAL LITERACY

CREDIT: 0.50

Prerequisite: Senior status and have taken Economics

Semester

Will you control your money or will it control you? Understanding and managing personal finance is key to one's future success. A study of the financial problems encountered in managing family financial affairs. This course offers students practical skills they can put into practice immediately.

Topics include: money management, banking, investing, budgeting, wise spending, understanding credit, the dangers of debt, student loans, insurance, home ownership, renting, and identity theft protection. Using real world interactive simulations students will apply decision-making skills to achieve future personal financial well being.

FEE: None

144 CCP ECONOMICS**CREDIT:1.00****PRE: Senior Status****Semester**

Designed to acquaint the student with what Economics is all about-the basic problem of improving standards of living under the conditions of unlimited wants and the scarcity of resources. Attention is focused on aggregate (macro) relationships in the American economy. The nature and determination of GNP, analysis of business cycles, unemployment and inflation, and discussion of the use of fiscal policy and monetary policy in efforts to stabilize an economy are specific areas of major emphasis. This course also deals with topics associated with financial literacy, such as consumer law, consumer protection, income taxes, personal finance, financial planning, saving and investing, and other consumer-related topics.

FEE: \$2.00 plus cost**145 ECONOMICS****CREDIT: 0.50****PRE: Senior Status****Semester**

Designed to acquaint the student with what Economics is all about-the basic problem of improving standards of living under the conditions of unlimited wants and the scarcity of resources. Attention is focused on aggregate (macro) relationships in the American economy. The nature and determination of GNP, analysis of business cycles, unemployment and inflation, and discussion of the use of fiscal policy and of monetary policy in efforts to stabilize an economy are specific areas of major emphasis. This course also deals with topics associated with financial literacy, such as consumer law, consumer protection, income taxes, personal finance, financial planning, saving and investing, and other consumer-related topics.

FEE: \$2.00**146 AMERICAN GOVERNMENT****CREDIT: 0.50****PRE: Junior Status****Semester**

An overview of the structure and function of the United States Constitution, Federalism, the American Government system, including the roles of the President, Congress, the Supreme Court, the news media, public opinion, and public interest groups in the political system.

FEE: \$2.00**148 CCP AMERICAN GOVERNMENT****CREDIT:1.00****PRE: Junior Status****Semester**

An overview of the structure and function of the United States Constitution, Federalism, the American Government system, including the roles of the President, Congress, the Supreme Court, the news media, public opinion, and public interest groups in the political system.

FEE: \$2.00 Plus CCP Fees**CCP American History since 1865****CREDIT: 1.00****PRE: None****Semester**

American history from the end of the Civil War to the present day. Focus is on political, social, cultural, and economic events that shaped current United States history. Students must be a part of College Credit Plus and must have attended the mandatory CCP meeting. They also must apply to Edison and take the Accuplacer.

FEE: \$2.00 Plus cost of CCP only if you fail it.**CCP Western Civilization since 1600****CREDIT: 1.00****PRE: Sophomore Status****Semester**

The history of Western Civilization from 1600 to the present. Focus on the social, economic, political, religious, and cultural evolution of the Western world from the age of reason to the Twenty-First Century. Students must be a part of College Credit Plus and must have attended the mandatory CCP meeting. They also must apply to Edison and take the Accuplacer.

FEE: \$2.00 Plus cost of CCP only if you fail it.

SOCIAL STUDIES ELECTIVES

120 WORLD RELIGIONS

CREDIT: 0.50

PRE: Sophomore Status

Semester

This social studies elective will expose students to the world's five major religions. Students will discuss the rituals and doctrines of these religions. The history and impact of these religions will also be a focus for discussion and class work. Students will be expected to write essays and reports and actively participate in classroom discussions.

FEE: None

121 MILITARY HISTORY

CREDIT: 0.50

PRE: Sophomore Status

Semester

This social studies elective is a brief, intense study exploring the development of warfare from primitive tribes through modern, high-tech warfare used by modern civilizations. The social, political, and economical aspects of warfare will be discussed; and also the changes that occurred with technological breakthroughs (e.g. gunpowder, fortifications, mechanization, and mass production of iron). Students will be expected to write essays and reports.

FEE: None

122 CURRENT EVENTS/Modern America

CREDIT: 0.50

PRE: Junior Status

Semester

This course looks at the history of the United States from the end of World War II through the present. Emphasis will be placed on major events and movements (e.g. the Cold War, Korean War, Civil Rights Movement, Vietnam War, and Watergate). A major theme will be the geopolitical, economic, demographic, technological, and cultural changes that have shaped and changed America in the Post-World War II period. Current Events and Issues will pick up logically from American History with an attempt to better understand the current problems and challenges facing the United States and the global community. Emphasis will be placed on helping students to understand how historical events have shaped and will continue to shape current events. The course will rely heavily upon the use of newspapers, magazines, the Internet, and other library resources. Students will be required to complete supplemental readings and actively participate in class discussions.

FEE: None

123 GEOGRAPHY

CREDIT: 0.50

PRE: None

Semester

This course builds on the student's understanding of geography and spatial thinking. Contemporary issues are explored through the lens of geography. In addition to understanding where physical cultural features are located and why those features are located as they are, students will examine the implications of these spatial arrangements. Topics include spatial thinking, environment and society movement, regions, human settlement and globalization.

FEE: None

131 CCP+ PSYCHOLOGY

CREDIT: 1.00

PRE: Sophomore

Semester

Introduction to the scientific study of behavior and mental processes with an emphasis on personality, learning and memory, human sexuality, lifespan development, sensation and perception, health psychology, abnormal behavior and interventions, social psychology, stress, motivation, and states of consciousness. Emphasis on reading and class discussion. Research paper required. **Must be admitted to Edison State Community College to be able to take this class. To be admitted to Edison by filling out the application and take the ACCUPLACER.**

FEE: CCP only if you fail it.

132 SOCIAL PSYCHOLOGY**CREDIT: 0.50****PRE: Sophomore Status****Semester**

This course is designed to acquaint the student with the fundamentals of this behavioral science. The individual human mind, psychological problems, and adjustment to our environment are studies. Several topics of current interests are looked at from a psychological perspective. Emphasis is placed on reading and class discussions.

FEE: Paperback book (if desired)**133 SOCIOLOGY****CREDIT: 0.50****PRE: Sophomore Status****Semester**

This is the study of human efforts to understand itself, its relationship with others, and the basic social problems in our society. Subject matter includes socialization, social institutions such as religion, education, family, social class and its effect on people, and social change. Emphasis is placed on reading and class discussion.

FEE: Paperback book**AP EUROPEAN HISTORY****CREDIT: 1.00****PRE: Honors World/Honors American History & Teacher Approval****Semester**

The AP European History Course is a college level entry course that can earn the student college credit based on their AP Exam score. The course is excellent preparation for those students planning to attend college. It is an elective course for students who took the Honors World History and Honors American History courses. The course follows European history from the Renaissance to contemporary times. The course will address political, social, economic, and cultural developments. As a college level course, it involves intensive reading, essay writing and critical thinking skills.

Fee: 98.00 Cost of the Exam