

# COURSE CATALOG

## 2019-2020



**STOW-MUNROE FALLS HIGH SCHOOL**

3227 East Graham Road, Stow, Ohio 44224





# Stow-Munroe Falls High School

3227 E. Graham Road, Stow, Ohio 44224  
330-689-5300 330-689-5303 (fax)

## High School Website:

[Click here for high school website](#)

## District Website:

[www.smfschools.org](http://www.smfschools.org)

### STOW-MUNROE FALLS CITY SCHOOLS

4350 Allen Road  
Stow, OH 44224  
Phone: 330-689-5445  
Fax: 330-688-1629

Mr. Thomas Bratten     Superintendent  
Mr. Mark Manley     Assistant Superintendent

### BOARD OF EDUCATION MEMBERS

Gerry Bettio  
Lisa Johnson-Bowers  
David Licate  
Pat Matthews  
Kelly Toppin

### HIGH SCHOOL PHONE NUMBERS

Main Office	330-689-5300
Attendance 9, 11	Press 1
Attendance 10, 12	Press 2
Transcript Requests	Press 3
Counseling Office	Press 4
 Athletic Office	 330-689-5203
 Fax	 330-689-5303
Transportation Office	330-673-5234

### HIGH SCHOOL ADMINISTRATION

Dr. Jeffrey Hartmann	Principal
Mrs. Evelyn Haught	Assistant Principal
Mrs. Amanda Murray	Assistant Principal
Mr. Mark Treen	Assistant Principal
Mr. Cyle Feldman	Athletic Director

### HIGH SCHOOL COUNSELORS

Ms. Wendy Paul	(Last names A-E)
Mr. Tom Martinelli	(Last names F-K)
Mrs. Tina Burdette	(Last names L-Ri)
Mr. Jason LePard	(Last names Ro-Z)



# STOW-MUNROE FALLS CITY SCHOOLS



## MISSION STATEMENT

Our Mission is to provide a 21st Century Education empowering each learner to be a self-motivated, successful citizen in a global society.

## VISION

Providing inspiration to make a difference in the world.

## PART 1 – GENERAL

### COURSE LEVEL DESCRIPTIONS

- **College Preparatory** courses develop skills and knowledge required for college admission and success.
- **Honors** courses contain more challenging content and demand a higher standard of student achievement.
- **Advanced Placement** courses are college level courses that prepare student to take Advanced Placement Exams and earn college credit.
- **Career-Technical Programs/College Tech Prep Initiatives** develop skills and knowledge relevant to a field of concentration. Stow-Munroe Falls High School is proud to offer College Tech Prep offerings in our Aeronautics Program, Programming and Software Development, International Business Academy, Culinary Arts & Catering Program, Career-Based Intervention, and The Engineering Academy. In addition, programs covering a wide range of interests in a variety of areas are offered through the Six-District Educational Compact. Those program descriptions are included in this Program of Studies.

### USING THE COURSE CATALOG

The Course Catalog contains all the essential information needed for students to plan their educational program. The catalog should be read carefully by both students and parents/guardians prior to making course selections. The courses selected each spring will determine the student's schedule of classes for the next school year. Therefore, all schedule changes must be completed prior to the end of the school year.

## PART 2 – DEFINITION OF TERMS

Various words, expressions, or symbols will be used throughout this document. The following words or expressions are listed below for your reference.

- AP:** The AP indicates an Advanced Placement course.
- Application:** Course requires an application for appropriate prerequisite fulfillment.
- College Tech Prep:** Programs designed for high-skill, high-demand technical careers in a competitive global economy. [Application](#) is required.
- Credit:** One credit is awarded for each full year course which requires in-class and out-of-class participation and meets five days a week for a school year. Some subjects are awarded in fractional units of credit ( $\frac{1}{4}$  or  $\frac{1}{2}$ ) as determined by the number of minutes per year
- Credit Flexibility:** See under Credit Flexibility in this Program
- Elective:** Courses that are not required for graduation; these courses enhance a student's plan of study and help explore future interests for career, college, and beyond
- Honors/Advanced Placement Intent:** Course requires that a completed [intent form](#) be submitted. This form is available online at the School Counseling website.
- NSLP:** National School Lunch Program
- ODE:** Ohio Department of Education
- CCP (College Credit Plus):** College Credit Plus - Attendance of parent and student is required at the annual meeting for the following year.
- Prerequisite:** A course required prior to enrollment in the next level of the course.
- Physical Education Equivalency:** The Ohio Department of Education allows school districts to adopt a policy that would exempt students who participate in interscholastic athletics, band or cheerleading for two full seasons from the physical education requirement. Student must earn  $\frac{1}{2}$  credit in another course. Stow-Munroe Falls Board of Education has adopted this policy.
- Required:** Curriculum necessary to earn an Ohio Diploma
- Semester:** Two consecutive marking periods.
- STEM:** Science, Technology, Engineering and Math

## PART 3 – GRADUATION REQUIREMENTS

### DIPLOMA TYPES

#### DIPLOMA

A diploma will be granted if the student has passed all graduation course and testing requirements. Any student that has not met the criteria for receiving a high school diploma will not be permitted to participate in the graduation ceremony.

#### HONORS DIPLOMA (CONSISTENT FOR ALL GRADUATING CLASSES)

For the most up to date listing of Honor Diploma requirements, please visit [this link](#) or see go to [www.education.ohio.gov](http://www.education.ohio.gov) > Ohio Graduation Requirements > Honors Diploma

### GRADUATION CREDIT REQUIREMENTS

<u>Credits</u>	<u>Subject</u>
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4	English – English 9, 10, 11, 12
4	Mathematics – Algebra I, Geometry, Algebra II, and a fourth required math option
3	Social Studies – American history, world history, American government
3	Science – biology, chemistry, an advanced science
5 ½	Electives
½	Health (one semester)
½	Physical Education (two courses) or Physical Education Equivalency
½	Financial Literacy

Choice of:

Personal Finance (Business), Entrepreneurship (Business), Consumer Economics (Family & Consumer Science), Personal Financial Management (online course)

Fine Arts – Students must complete at least two semesters of fine arts taken any time in Grades 7-12  
Students following a career-technical pathway are exempted from the fine arts requirement.

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**21 Total Credits**

Students must also meet the following:

1. All students must take end of course state assessments in accordance with ODE guidelines.
2. Earn a cumulative passing score on the end of course state assessments. The scores will be set by ODE.
3. Earn a “remediation free” score on a nationally recognized college admission exam such as ACT or SAT. The State of Ohio will pay one exam free of charge on the designated school day for all 11th grade students.
4. Earn an ODE-approved, industry recognized credential in a career pathway and achieve a score that demonstrates workforce readiness and employability on the ACT Work Keys.

**COLLEGE PREP CORE CURRICULUM**

Recommendations for Ohio's State-Assisted Universities: College-bound students should be aware that the state universities in Ohio endorse the minimum core curriculum for college preparation, which consists of the following:

English	4 credits (English 9, 10, 11, 12)
Math	4 credits (Algebra I, Geometry, Algebra II and a 4 <sup>th</sup> required Math course)
Science	3 credits (Biology, Chemistry, an advanced science course)
Social Studies	3 credits (American History, World History, Government)
World Language	2 credits of the same Language
Visual/Performing Arts	1 credit (Fine Arts curriculum)

Private and out-of-state colleges and universities may require more extensive preparation in specific subject areas (e.g., three [3] credits of world language). Check with the college or university of your choice for additional information.

**COURSE REGISTRATION**

Toward the beginning of second semester, students begin to choose courses for the following year. Teachers give recommendations to students regarding appropriate courses and levels. A course selection sheet is sent home with the students for parents and students to review and finalize course selections. The signed course selection sheet serves as an agreement by the student to remain in the selected classes. Since course selection is used to determine class offerings, staffing, class sizes and the Master Schedule, any requests for changes in student schedules greatly impacts this planning. It is vital that students and parents choose carefully for next year and that all changes be made by the end of the current school year. Sufficient enrollment is required for any course to be scheduled. Only schedule corrections due to academic misplacement or error will be possible in the fall.

**ADVANCED COURSES**

Listed below are general criteria for students planning to take honors, Advanced Placement and upper-level CTE courses. Individual disciplines may have additional criteria.

- Students should be strong, independent learners.
- Students will be responsible for increased rigor in all areas of study relevant to the course.
- Students may be responsible for summer assignments.
- Students will be expected to conduct research, utilize technology, and demonstrate knowledge involving application, synthesis, reflection and evaluation.
- Interested students should complete an Honors/Advanced Placement Intent Form available from the School Counseling website.
- All Honors courses, AP courses, and select Career and Technical Education (CTE) courses with articulated agreements with postsecondary institutions will be awarded weighted grades for A's and B's only.
- Students are expected to complete any summer assignments prior to the first day of the course.

## LEVEL CHANGES

A student may move from one course to a more or less difficult one within a discipline through teacher recommendation only. The teacher may initiate a level change at any time during the first semester if the teacher determines the change is appropriate. After the change is made, the grades earned by the student will be transferred to the new teacher.

## PHYSICAL EDUCATION EQUIVALENCY

ODE permits a student who participates in interscholastic athletics, band, or cheerleading for two full seasons to be exempt from the physical education course requirements. Students must earn  $\frac{1}{2}$  credit in another course.

## SCHEDULING GUIDELINES

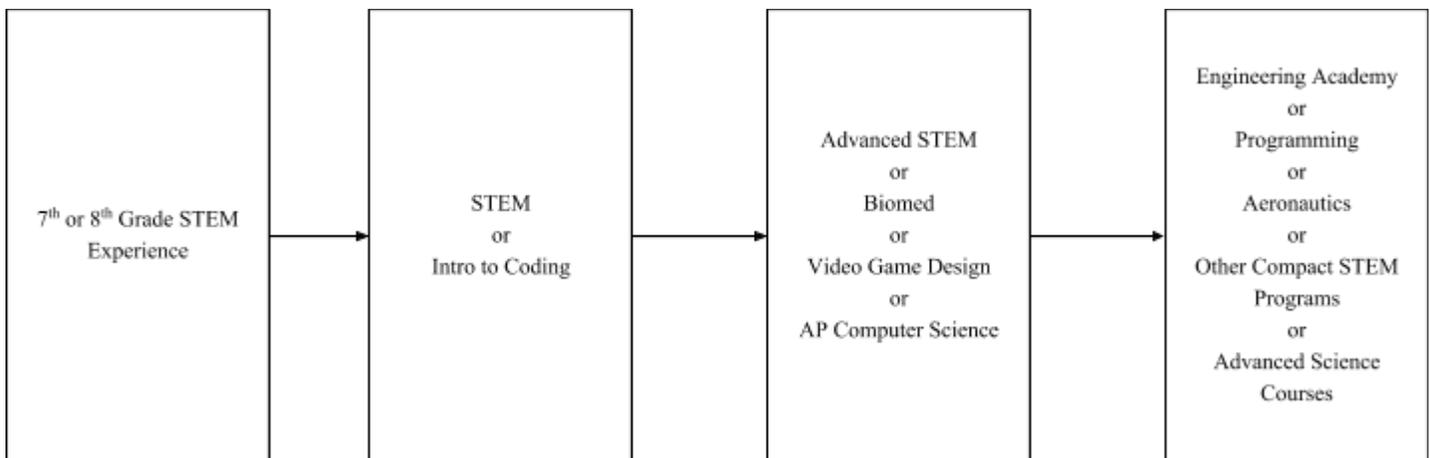
Students should carefully consider the courses they select when planning a schedule for the following year. Teachers, parents, and counselors are quite helpful in advising students on their course selections. All students must adhere to the following policies:

- Students in grades 9-11 must be enrolled in at least six (6) classes per term.
- All seniors must be enrolled in at least five (5) classes per term excluding PE.

Before the current school year ends, every student will receive an unofficial copy of his/her schedule. Students may request any necessary adjustments with written parental permission. Once the school year begins, no schedules will be adjusted, except for academic misplacement. All students will receive their official schedule in homeroom on the first day of school. When academic misplacement occurs, **THE TEACHER WILL INITIATE THE PROCESS TO WITHDRAW THE STUDENT FROM THE COURSE.**

## STEM PATHWAY

The following progression is ideal for students wishing to emphasize the areas of Science, Technology, Engineering and Mathematics (STEM) during their time in high school. Adding art courses is an important part of enhancing the STEM experience to a STEAM (Science, Technology, Engineering, Art, Mathematics) experience.



## ONLINE COURSE EXPECTATIONS

The following online course expectations will be in place for any student working in the virtual environment:

1. Students will be in a self-paced learning environment
2. Completion expectations are as follows:
  - a. Semester courses: Half (1/2) of the course must be completed by the end of the first or third quarter
  - b. Year courses:
  - c. Half (1/2) of the course must be completed by the end of the first semester
  - d. Online learning coordinator(s) have authority to adjust the completion expectations
3. Grading: Course grades will be entered using the average of the quarters to get the final grade
  - a. NOTE: The PLATO gradebook is separate from the official ProgressBook grade system used by the SMFHS.
  - b. 1<sup>st</sup> Quarters / 3<sup>rd</sup> Quarters: Students will receive a S (satisfactory) or U (unsatisfactory) depending on course progress for the quarter.
4. Performance in online courses will dictate future online learning opportunities

## ONLINE COURSES

Course	Credits
Personal Financial Management	½
African American Studies	½
Native American Studies	½
Economics	½
Astronomy	½
Intro to World Religions	½
Intro to Philosophy	½
Sociology	½
Anthropology	½
Archeology	½
Chinese 1A	½
Chinese 1B	½
Chinese 2A	½
Chinese 2B	½

## PART 5 – COURSE OFFERINGS

### BUSINESS

#### BUSINESS FOUNDATIONS

<b>Grade Level:</b>	9, 10	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
		<b>Fee:</b>	None

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.

#### ACCOUNTING I

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	None	<b>Length:</b>	Year
		<b>Fee:</b>	\$30.00 for working papers

Explore the growing field of accounting and examine the nature and purpose of accounting theory and procedures that are fundamental to all business operations. Topics include the accounting cycle, transaction analysis, journalizing, posting, trial balance, income statements, balance sheets, closing statements, accruals, deferrals, and internal controls. Receive hands-on experience in both manual and computerized accounting systems as well as real-world business simulations and personal banking, investments and taxes. This course lays the foundation for good business practices, prepares students planning to pursue college studies in business, and satisfies the graduation requirement for financial literacy.

#### ACCOUNTING II

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	Accounting 1 (now Financial Accounting)	<b>Length:</b>	Year
		<b>Fee:</b>	\$55.00 for working papers and simulation

Develop a more in-depth application of accounting principles and concepts by analyzing financial statements for a merchandising business organized as a corporation. Students will perform advanced operations involving cash and sales, uncollectible debts, plant assets, depreciation, merchandising inventory, and distribution of dividends. Students will develop strategic thinking, analysis, and communication skills while participating in an extensive financial market challenge and a team-focused virtual simulation, utilizing accounting and financial management concepts. Both personal and professional accounting procedures will be explored through hands-on experience with today's sophisticated accounting software.

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## PERSONAL FINANCE

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
<b>Notes:</b>	Course counts for financial literacy graduation credit	<b>Fee:</b>	None

This is an introductory course designed to help students understand various business and personal financial records that they will use as a productive citizen, taxpayer and consumer including managing money, budgeting, banking services, tax preparation, buying insurance, investing, saving, and credit on a personal as well as business level. Students will learn how investors, managers, and creditors use financial statements to make business decisions. This course satisfies the graduation requirement for financial literacy.

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## ENTREPRENEURSHIP

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
<b>Notes:</b>	Course counts for financial literacy graduation credit	<b>Fee:</b>	None

This introductory course provides students with an understanding of the role of entrepreneurs in our economic system, and teaches students the process involved in starting and running a small business enterprise through hands-on projects and activities, including determining a location, obtaining funding, advertising, marketing, finance, management, and other legal issues involved in preparing a business plan. Case studies of past and current business entrepreneurs will be researched and discussed. As a final project, students will define and write a complete business plan for a fictional or realistic, original business venture of their choice.

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## MARKETING PRINCIPLES

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
		<b>Fee:</b>	None

This engaging and innovative course is designed to educate students about the world of marketing and industry including types of retail stores, franchises, global advertising, channels of distribution, and merchandise/service businesses. Marketing strategies, the marketing mix, emerging trends in social media and career exploration will be emphasized. Students will become more knowledgeable consumers by learning how advertisers use their messages to manipulate demand among consumers. Students will participate in creative and stimulating marketing projects, providing knowledge, leadership, and team-building skills.

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**STREET LAW**

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
		<b>Fee:</b>	None

This elective class is designed to cover the organization of the United States legal system consisting of sources of law, civil and criminal laws, setting disputes, advocacy and the court system. Local legal and professional persons will be brought in to supplement classroom work and projects to become knowledgeable citizens. Educators and attorneys and law enforcement officers combine talents to educate and inform students about our legal system and how the law affects daily living. Students will be challenged to develop legal knowledge through strategies that promote critical thinking and problem-solving skills so that they can develop the ability to participate effectively in society.

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**SPORTS AND ENTERTAINMENT MARKETING**

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
		<b>Fee:</b>	None

Sports and Marketing Entertainment is an introductory course which will help students develop a thorough understanding of the marketing concepts and theories that apply to sports and other entertainment events. The areas this course will cover include basic marketing, target marketing and segmentation, sponsorship, pricing, event marketing, career opportunities, advertising and promotion, and legal aspects/contracts. Classroom instruction will be reinforced using class speakers, case studies, possible field trip experiences, current periodicals, computer simulations, projects, and lecture/discussions. Any student who loves a sport or the entertainment business should consider taking this course.

## COMPUTER & INFORMATION TECHNOLOGY

### INTRO TO CODING

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
		<b>Fee:</b>	None

Would you like to make your own games and write your own programs? Coding can help you do that! Learn the fundamentals of programming concepts hands-on using popular software development tools and languages - no previous coding experience required!

### AP COMPUTER SCIENCE PRINCIPLES

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Honors/Advanced Placement Intent Form -Intro to Programming is recommended	<b>Length:</b>	One year
<b>Notes:</b>	-Course provides service to gifted education students	<b>Fee:</b>	AP Exam Fee

Students will be introduced to various innovations in computing and digital media that have come to form the backbone of nearly all online and offline interactions. Using fun, interactive, user-friendly activities, students will explore the Six Computational Thinking Principles and the Seven Big Ideas as well as the advantages and societal impact of computational technology while developing programming and computational thinking skills. College Board Assessment for AP Computer Science Principles is divided into two parts, both an end-of-course exam as well as the creation and submission of artifacts throughout the course. If you've never taken an AP course before, this course is a great introduction! **Students are expected to complete any summer assignments prior to the first day of the course.**

### INTRO TO WEB DESIGN

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
		<b>Fee:</b>	None

This semester course introduces students to basic coding skills for Internet and mobile web pages using HTML5 (Hypertext Markup Language) and CSS3 (Cascading Style Sheets) as well as developing interactive, dynamic web pages using JavaScript. The course does not require any prior coding or web design knowledge.

## COLLEGE & TECH PREP OPPORTUNITIES

STEM (Science, Technology, Engineering and Mathematics) programs are part of a statewide collaborative venture to help Ohio stay competitive in today's global economy.

### INTERNATIONAL BUSINESS ACADEMY (LEVELS 1 & 2)

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	-Level 1: 4 -Level 2: 4
<b>Prerequisite:</b>	-Apply at <a href="http://www.sixdistrict.com">www.sixdistrict.com</a> -Two (2) years of any foreign language	<b>Length:</b>	Two (2) years; four (4) periods each year
		<b>Fee:</b>	\$35.00 for co-curricular dues each year
<b>Notes:</b>	-These courses take place at SMFHS -College credit available		

In this exciting College Tech Prep Initiative, students are exposed to business through a global lens with hands-on activities and real-world practices. This Academy has ties to the business community that allow for authentic interaction with business professionals so that students can acquire a global perspective of business and marketing practices. Student participate in activities such as leadership opportunities, community service, competitive business events, networking, mentoring, strategic business planning and much more. Completers of the program will have strong academic foundations in business and marketing preparing them for the highly competitive, continuously changing global environment. Students have access to four-year pathways in Accounting, Marketing, Finance or Management at various local universities. College credits available. For more information, see the Compact Career Catalog 2017-18.

### MARKETING CAPSTONE

<b>Grade Level:</b>	12	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Must be enrolled in Level 2 of International Business Academy	<b>Length:</b>	Year
		<b>Fee:</b>	None

Students will apply knowledge, attitudes and skills that were learned in a Marketing 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 projects, mentoring, cooperative education or apprenticeship.

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**PROGRAMMING AND SOFTWARE DEVELOPMENT (LEVELS 1 & 2) · STEM<sup>+</sup>**

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	-Level 1: 3 -Level 2: 3
<b>Prerequisite:</b>	-Apply at <a href="http://www.sixdistrict.com">www.sixdistrict.com</a> -Math/logic skills and attention to detail	<b>Length:</b>	Two (2) years; three (3) periods per year
		<b>Fee:</b>	\$35.00 for BPA dues each year
<b>Notes:</b>	-These courses take place at SMFHS -College credit available -Career pathway available		

This two-year Career-Tech STEM program consists of four courses: Computer Logic & IT Fundamentals, Object Oriented Programming, Web Development, and Database Applications Development. No prior computer programming experience necessary. College Credit and Career Pathway availability. For more information, see the Compact Career Catalog.

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**CULINARY ARTS**

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	-Level 1: 4 -Level 2: 4
<b>Prerequisite:</b>	-Apply at <a href="http://www.sixdistrict.com">www.sixdistrict.com</a>	<b>Length:</b>	Two (2) years; four (4) periods each year
		<b>Fee:</b>	\$135.00 each year
<b>Notes:</b>	-Courses take place at SMFHS -College credit available		

Culinary Arts prepares students in all areas of the demanding and competitive world of food service and the hospitality industry. In fact, the Culinary Arts career field is the second largest employer in the United States. Students learn to use commercial foodservice equipment, as well as advanced knife skills, cooking and baking techniques and advanced culinary skills. Students can earn a Servsafe certification in sanitation. They also operate Joshua's, a full-service restaurant at Stow-Munroe Falls High School, as well as event planning. Community-based partners offer job shadowing and worksite experiences. College credits available. For more information, see the Compact Career Catalog.

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**AERONAUTICS CAREERS ACADEMY – STEM<sup>+</sup>**

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	See Notes
<b>Prerequisite:</b>	Apply at <a href="http://www.sixdistrict.com">www.sixdistrict.com</a>	<b>Length:</b>	Two (2) years
		<b>Fee:</b>	\$75.00 each year
<b>Notes:</b>	-These courses take place at SMFHS and KSU -College credit available -Level 1 Credit: Intro to Aeronautics 1; Aviation Weather 1; CP English 1; Math 1 -Level 2 Credit: Elements of Flight Theory 1, Aero Physics 1; CP English 1; Math 1		

Students study Aviation Management, Flight Technology, Air Traffic Control and Aeronautical Systems Engineering Technology. In addition, students also study in Level II, Aero Physics. A partnership with Kent State University College of Applied Engineering, Sustainability and Technology Aeronautics Division allows students to participate in educational programs at the Aeronautics and Technology Building on campus, as well as at the Kent State University airport. The Aeronautics pathway leads directly to a bachelor's degree in Aeronautics a Kent State University, as well as other colleges and universities. For more information, see the Compact Career Catalog.

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**ENGINEERING ACADEMY – STEM<sup>+</sup>**

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	See Notes
<b>Prerequisite:</b>	Apply at <a href="http://www.sixdistrict.com">www.sixdistrict.com</a>	<b>Length:</b>	Two (2) years with third year option for those accepted in 10 <sup>th</sup> grade
		<b>Fee:</b>	None
<b>Notes:</b>	-These courses take place at SMFHS and Kent Roosevelt -College credit available -Advanced/Honors Math 1; CP Physics 1; CP English 1; Technology credits 3		

This two-year College Tech Prep Academy combines academically competitive, college prep courses with hands-on technical studies. Students rotate through four technology areas: Computer Aided Design (CAD); electronics, robotics and programming; manufacturing processes; and polymers. College prep courses in English 11 and 12, Mathematics (Algebra II, Pre-Calculus, Calculus, A.P. Calculus AB) and Physics I and II are linked with the technology curriculum. Various instructional approaches are used, including team teaching, work teams, self-directed studies, and project-based learning. University partners include Cleveland State University and The University of Akron. For more information visit [www.kentschools.net/engineeringacademy](http://www.kentschools.net/engineeringacademy) or see the Compact Career Catalog.

## CAREER BASED INTERVENTION

<b>Grade Level:</b>	9, 10	<b>Credit:</b>	See Notes
<b>Prerequisite:</b>	None	<b>Length:</b>	One year
		<b>Fee:</b>	None
<b>Notes:</b>	-9 <sup>th</sup> grade credit: American History 1; English 1; Math 2; Related 1 -10 <sup>th</sup> grade credit: World History 1; English 1; Math 2; Related 1		

This work-study program is designed for selected students who want to explore careers while getting first-hand experience in the world of work. CBI helps students develop financial skills to help students succeed in the workplace and ensure their success. Students will participate in career awareness and explore their personal work attitudes.

## CAREER BASED INTERVENTION

<b>Grade Level:</b>	11, 12	<b>Credit:</b>	See Notes
<b>Prerequisite:</b>	None	<b>Length:</b>	One or two years
		<b>Fee:</b>	None
<b>Notes:</b>	-11 <sup>th</sup> grade credit: English 1; American Government 1; Related 1; Lab 1 -12 <sup>th</sup> grade credit: English 1; Related 1; Lab 1		

This program is designed for selected students who want to explore careers while getting first-hand experience in the world of work. CBI helps students develop financial skills to help students succeed in the workplace and ensure their success. Students will participate in career awareness and explore their personal work attitudes. They may spend part of the day working either at the school or at service sites in the community.

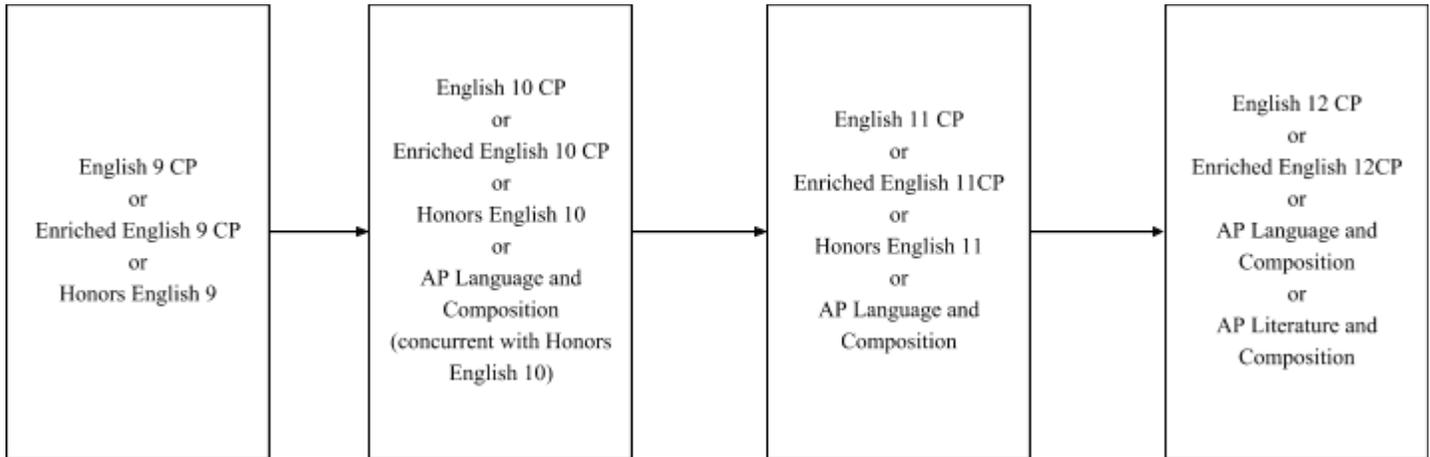
## OTHER COLLEGE TECH PREP & CAREER PROGRAMS

See [www.sixdistrict.com](http://www.sixdistrict.com) for more information on the below programs:

Program Title	Program Location	Program Title	Program Location
Athletic Health Care and Fitness	Roosevelt	Automotive Specialization	Hudson
Automotive Technologies	Cuyahoga Falls Hudson	Biomedical Science and Technology Academy	Woodridge
Business and Sports Management	Roosevelt	Business Pathways	Cuyahoga Falls
Collision Repair & Auto Refinishing	Woodridge	Computer-Aided Design and Engineering Technologies	Roosevelt
Construction Technologies	Roosevelt	Cosmetology	Cuyahoga Falls Roosevelt
Criminal Justice	Cuyahoga Falls	Early Childhood Professions	Tallmadge
Electronics, Robotics and Programming	Roosevelt	Forestry & Landscape Management	Roosevelt
Health Careers Technologies	Roosevelt	Interactive Marketing and Design	Cuyahoga Falls
IT Academy with CompTIA and CISCO	Cuyahoga Falls	Marketing Management	Roosevelt
Teaching Professions	Roosevelt	Theater Arts Career Academy	Tallmadge

## ENGLISH

Four (4) English credits are required for graduation. All students who take AP courses must take the AP test at the current fee.



### LITERACY FOUNDATIONS

<b>Grade Level:</b>	9 or teacher recommendation	<b>Credit:</b>	1
<b>Prerequisite:</b>	English 9 CP at the same time OR teacher recommendation	<b>Length:</b>	Year
		<b>Fee:</b>	None

Literacy Foundations is an elective credit pass/fail course that focuses on intervention strategies for students struggling in English/Language Arts components. All students enrolled in English lab are also enrolled in a one credit English course. Students will receive differentiated instruction based on their current level of English mastery. Students will utilize individual and small group teacher instruction, and online English programs, such as No Red Ink and Newsela, to assist in bringing students to grade level mastery.

### ENGLISH 9 CP

<b>Grade Level:</b>	9	<b>Credit:</b>	1
<b>Prerequisite:</b>	None	<b>Length:</b>	Year
		<b>Fee:</b>	None

This course is designed for college and career-ready students entering the high school. Students work to expand their ability to analyze the format and literary techniques found in poetry, short stories, novels, and dramatic plays. Students also refine their written and oral communication skills throughout the year. There is an emphasis on developing an academic writing voice to articulate and support analytical claims. Classes address research skills through information literacy lessons aimed at teaching students to locate, evaluate, and apply information from a variety of sources. Students are encouraged to make connections between literary texts, informational texts, and real world experiences.

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## ENRICHED ENGLISH 9 CP

<b>Grade Level:</b>	9	<b>Credit:</b>	1
<b>Prerequisite:</b>	None	<b>Length:</b>	Year
		<b>Fee:</b>	None

This course is a challenging academic experience for students who excel in writing composition and literary analysis. All components of the English 9 curriculum are addressed utilizing texts with a higher level of complexity and faster pacing throughout the year. Students work to expand their ability to analyze the format and literary techniques found in poetry, short stories, novels, and dramatic plays. Students also refine their written and oral communication skills throughout the year. There is an emphasis on developing an academic writing voice to articulate and support analytical claims. Students compose theme and character analysis papers. Classes address research skills through information literacy lessons aimed at teaching students to locate, evaluate, and apply information from a variety of sources. Students are encouraged to make connections between literary texts, informational texts, and real world experiences.

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## HONORS ENGLISH 9

<b>Grade Level:</b>	9	<b>Credit:</b>	1
<b>Prerequisite:</b>	Established recommendation process	<b>Length:</b>	Year
<b>Notes:</b>	Course provides service to gifted education students	<b>Fee:</b>	Required literary works to be obtained by the student and in possession the day the unit begins

This course is for ninth graders who have been identified as having exceptional English skills. It includes vocabulary study, composition, oral communication, visual literacy/listening, and in-depth studies and close readings of short stories, plays, and novels. Reading and writing assignments are designed to develop critical skills and an appreciation for the form and scope of various genres of literature. In addition to meeting the objectives of Honors English 9, students will seek to develop proficiency in literary analysis, thesis development, and formal writing. Major emphasis is placed on enhancing student ability to recognize how and why an author structures a text in the way he or she does.

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## ENGLISH 10 CP

<b>Grade Level:</b>	10	<b>Credit:</b>	1
<b>Prerequisite:</b>	English 9 CP	<b>Length:</b>	Year
		<b>Fee:</b>	None

English 10 CP is designed for college and career-ready students who successfully complete English 9 CP and who have developed the foundational skills of usage. Students will continue to improve and refine their writing, reading, and oral communication skills throughout this course. Its purpose is to teach students how to increase their reading comprehension and express their ideas more clearly in writing. Students can anticipate reading a variety of short stories and poetry based on the course's World Literature textbook. Students will be encouraged to develop an appreciation of other perspectives to better formulate and articulate their own viewpoints. Additionally, many outside materials will be used to further their reading and writing skills, including novels and the use of multimedia in the classroom.

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## ENRICHED ENGLISH 10 CP

<b>Grade Level:</b>	10	<b>Credit:</b>	1
<b>Prerequisite:</b>	Enriched English 9 CP	<b>Length:</b>	Year
		<b>Fee:</b>	None

English 10 CP is designed for those students who successfully complete Enriched English 9 CP and who are planning to attend college. This course will follow an accelerated pace for students looking for a challenging academic learning experience. Students should have a successful record of achievement. Its purpose is to teach the student how to express his ideas clearly in writing by applying the principles of usage. Writing techniques are taught through the study of model compositions; students apply these techniques through numerous writing experiences in the classroom. Reading, writing, oral communication, and visual literacy/listening skills are also stressed.

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## HONORS ENGLISH 10

<b>Grade Level:</b>	10	<b>Credit:</b>	1
<b>Prerequisite:</b>	Honors/Advanced Placement Intent Form	<b>Length:</b>	Year
<b>Notes:</b>	Course provides service to gifted education students	<b>Fee:</b>	Required literary works to be obtained by the student and in possession the day the unit begins

This course builds on the skills achieved in Honors English 9 with added emphasis on expository and analytical writing. All components of the state model will be stressed. Students continue to analyze a variety of literary genre including short stories, novels, and plays, as well as develop logical thinking skills.

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## ENGLISH 11 CP

<b>Grade Level:</b>	11	<b>Credit:</b>	1
<b>Prerequisite:</b>	English 10 CP	<b>Length:</b>	Year
		<b>Fee:</b>	None

This course is designed for college and career-ready students who wish to continue the sequential development of skills. Students will study and participate in speaking, listening, reading, and writing activities to increase communication abilities. Its purpose is to help students relate literature to their own lives. This goal is accomplished by reading and discussing American short stories, novels, poetry, drama, and biographies. In addition to the course textbook, many outside sources are used to further understand American literature, including paperback books and multimedia materials. Writing is also an essential part of this course, and students will learn various types of writing. Through these numerous writing assignments, students will learn more about words, grammar, and usage.

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## ENRICHED ENGLISH 11 CP

<b>Grade Level:</b>	11	<b>Credit:</b>	1
<b>Prerequisite:</b>	Enriched English 10 CP	<b>Length:</b>	Year
		<b>Fee:</b>	None

This course is required for college-bound students. It correlates American history to American literature through the study of novels, poetry, essays, short stories, drama, and biographies of famous American figures. The purpose of this course is to develop critical analysis and to evaluate major American authors using discussion and outside reading. Students learn to write book reviews and to analyze poetry and other types of literature. The students are expected to have a good background in writing and will have multiple major writing assignments in this course. This course is designed to provide knowledge about the structure, terminology, and use of the English language. Students will be expected to engage in the research and writing process.

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## HONORS ENGLISH 11

<b>Grade Level:</b>	11	<b>Credit:</b>	1
<b>Prerequisite:</b>	Honors/Advanced Placement Intent Form	<b>Length:</b>	Year
<b>Notes:</b>	Course provides service to gifted education students	<b>Fee:</b>	Required literary works to be obtained by the student and in possession the day the unit begins

This junior year course is part of a sequence of courses designated for the AP student. Included will be writing and grammar skills taught in conjunction with the study of American Literature. There will be special emphasis placed on critical and analytical writing. Students will explore American Literature from early Puritan writings to modern poetry, fiction, and nonfiction. Students will write a research paper and participate in a variety of speaking and listening skills. **Students are expected to complete any summer assignments prior to the first day of the course.**

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## ENGLISH 12 CP

<b>Grade Level:</b>	12	<b>Credit:</b>	1
<b>Prerequisite:</b>	English 11 CP	<b>Length:</b>	Year
		<b>Fee:</b>	None

This course is designed for college and career-ready students who meet the writing expectations and have acquired the necessary writing skills in reading with satisfactory achievement. The course will continue to work on vocabulary development as well as stressing sentence structure and paragraph development while building to theme composition and creative writing. Research skills, information literacy, and its incorporation into a research project will be addressed. Formal communications will be practiced. The students will study and analyze the works of historical and contemporary writers as well as non-fiction authors. Speaking and listening skills will also be incorporated into the comprehensive course.

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## ENRICHED ENGLISH 12 CP

<b>Grade Level:</b>	12	<b>Credit:</b>	1
<b>Prerequisite:</b>	Enriched English 11 CP	<b>Length:</b>	Year
		<b>Fee:</b>	None

This course acquaints college-bound students with outstanding literary works and authors of the British canon from Anglo-Saxon times to the present. It explores the correlation between history and literature and emphasizes the universal appeal of great literary works. Attention is given to relevant and contemporary application contained in works of the past. Outside reading is required. Students will write in a variety of modes including narrative, expository, descriptive, argumentative, and analytical. Speaking and listening skills will also be incorporated into the course.

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## AP ENGLISH LITERATURE & COMPOSITION

<b>Grade Level:</b>	12	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Pre-AP English 11 -Honors/Advanced Placement Intent Form	<b>Length:</b>	Year
<b>Notes:</b>	-Course provides service to gifted education students	<b>Fee:</b>	-AP Exam Fee -Literary works to be obtained by the student

This course is the final segment of the four-year Advanced Placement sequence. Students will take the Advanced Placement College Board test during the spring of this year of study. SMFHS's AP English Literature and Composition course has been approved by the College Board's official audit of syllabi and corresponds with the College Board's expectations for the course. Students are expected to come to this class with established skills in analysis and analytical writing, a strong technical vocabulary, and the ability to manage a significant workload. Students will study varying genre of world literature with a focus on the literature of Britain. Extensive writing, challenging exercises, out-of-class reading, memory work, and presentations are all required in this course. **Students are expected to complete any summer assignments prior to the first day of the course.**

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## AP LANGUAGE & COMPOSITION

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Honors/Advanced Placement Intent Form -Strong interest in writing	<b>Length:</b>	Year
<b>Notes:</b>	-Course provides service to gifted education students	<b>Fee:</b>	-AP Exam Fee -Textbook

This course is open to juniors and seniors whose career path leads to law, business, technical writing, journalism, advertising, marketing, publishing, and art or music critics for magazines, editorials, or newspapers. Students in this college level class learn to write various persuasive and analytic essays on non literary topics, view images, and read fiction and nonfiction analyzing rhetorical style. They will understand faulty argumentation, rhetorical vocabulary, tropes, styles, and terminology. Students will determine argumentative styles, purposes, strategies, and viewpoints from various time periods. AP practice preparation is included. Selections from writers, artists, photographers, poets, and cartoonists may vary. AP test is mandatory. AP Language and Composition course satisfies the English 11 or English 12 requirement and has been approved by the College Board's official audit of syllabi and corresponds with the College Board's expectations for the course. **Students are expected to complete any summer assignments prior to the first day of the course.**

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## CREATIVE WRITING 1

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
		<b>Fee:</b>	None

This class is for anyone who expresses (or wishes to express) him/herself in creative literature. Students will engage in many and varied creative writing exercises and activities as well as practice evaluating the work of others for the sake of growing and improving in the realm in creative written expression.

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## CREATIVE WRITING 2

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	Creative Writing 1	<b>Length:</b>	Semester
		<b>Fee:</b>	None

This class is for anyone who is interested in studying the art and craft of writing in addition to desiring to express him/herself in a creative literary venue. Students will explore various genre of writing (fiction, poetry, drama, for example), as well as more specific literary techniques, through both examination and application. Study will include reading examples selected from genre as well as texts on the craft of writing. Application will include writing creative assignments related to the genre and or techniques being studied.

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## JOURNALISM 1

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	None	<b>Length:</b>	Year
		<b>Fee:</b>	None

Students enrolled in Journalism I will have the opportunity of working with the school's official newspaper, The Stohion and/or publishing their work on The Stohion's official website, Stohion.com. Key principles and practices of media writings will be offered in this course. Students will study the following fields as they relate to media in present society: Historical Perspectives of a free and independent press in the United States. Law and Ethics and legal case studies as they relate to a free press. Media Analysis of the accuracy and effectiveness of published information. Journalistic Writing Processes (including analysis, application, structure, styles and format). Media Writing, Grammar, Web Design Elements, Public Relations, Photography, Graphic Design, Business Management, Broadcasting and more.

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## JOURNALISM 2

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	Journalism 1	<b>Length:</b>	Year
		<b>Fee:</b>	None

Students will understand the organization, economics, and management of media staffs as they become a member of the staff of the high school's official newspaper, The Stohion, as well the official website, Stohion.com. Students will manage, design, implement, and construct writing and design components in various formats including photography, graphic design, poll writing and analysis, online media writing, broadcasting, business management, etc. for The Stohion. Students will further enhance their writing and speaking skills. They will explore career paths and further educational opportunities related to the life skills they will gain throughout this course. Students will work within the course, community, and other local newspapers to build a portfolio which will be assessed at the end of the year and used as part of the application process for gaining an editor's position within the course. Portfolios may also be used to gain entrance into college.

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## POPULAR CULTURE & MEDIA

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
		<b>Fee:</b>	None

The goal of this course is to trace the history and study of media popular culture through the last century from the time mass communication and mass culture emerged in the United States. Students will examine their own conceptions and consumption of media through: exercises, projects and writing assignments that engage and challenge their perspective on the cultural landscape, and exams that allow them to demonstrate their understanding of how mass media has affected modern culture as well as develop the theoretical tools and critical perspective to interrogate the TV shows, commercials, films, books, songs, videos, and websites that saturate their lives.

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## INTRO TO SPEECH & DEBATE

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
		<b>Fee:</b>	None

This course is designed for the learning of effective use of communication and rhetoric skills through the instruction in the principles, practice and delivery of original speeches, the interpretation of literature and the beginning of argumentation skills.

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## ORAL COMMUNICATION

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	Introduction to Speech & Debate	<b>Length:</b>	Semester
		<b>Fee:</b>	None

This course is designed for advanced instruction and practice in the art of public speaking with focus on research, critical thinking, the use of evidence and reasoning with focus on real-world situations. Students will write persuasive speeches, legislation, proposals for group and panel discussions. Students will learn Robert's Rules of Order to conduct meetings, discussions and student congress.

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## PUBLIC SPEAKING

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	Argumentation	<b>Length:</b>	Semester
		<b>Fee:</b>	None

In this third course in the Speech and Debate sequence, students will analyze and apply specific formats for debate and processes of logic and critical thinking, develop affirmative and negative case construction and evaluate arguments. Study of historical speeches, the forensic of rhetoric and the application of civil discourse for a better understanding of effective communication skills will occur. Students enrolled in this course are encouraged to participate in competitive events. In-class preparation for those events will be provided.

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## CLASSICAL MYTHOLOGY 1

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
		<b>Fee:</b>	None

Course description: Students will learn to recognize basic themes and allusions in mythology and see how they apply to literature in general. By comparing classical myths to those of other cultures, students will develop skills at analyzing and appreciating the unique qualities of Roman and Greek art, literature, and vocabulary. The course features a detailed study of original sources such as Homer's Iliad and Odyssey. The course will also include precise writing and individual aid projects.

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## CLASSICAL MYTHOLOGY 2

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	Classical Mythology 1	<b>Length:</b>	Semester
		<b>Fee:</b>	None

This class is an extension of Classical Mythology 1 where students will continue to explore and analyze the many themes, motifs, allusions, and other literary elements found in various classical works. Students will have a chance to read, analyze, and compare classical myths from various cultures while appreciating the unique qualities of art, literature, and vocabulary within. This class used to be a popular class when it was offered before with Classical Mythology. Many students have inquired about it over the years and are eager to have it back in the program of studies. There has been a heavy interest from English, Classical Mythology, Greek, and Latin classes to have this class added once more.

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## YEARBOOK

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	Yearbook Application	<b>Length:</b>	Year
<b>Notes:</b>	Course may be repeated for credit	<b>Fee:</b>	None

This course has a dual purpose. It is designed to teach students journalistic skills, specifically yearbook skills, as well as to publish a quality yearbook. Students will write copy in journalistic style and demonstrate knowledge of graphic design. A publication plan including marketing of advertising opportunities in yearbooks, meeting time deadlines, and accuracy standards will be emphasized. Students should develop a sense of good taste and mature judgment through theme development and content selection.

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## MODERN LITERATURE FOR TEENS

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
		<b>Fee:</b>	None

*Modern Literature for Teens* is a course in which students read and discuss modern novels about contemporary teen issues. Students in this discussion-based course analyze a wide range of intriguing literature, including novellas and graphics novels. Students demonstrate and share their unique perspectives through the creation of book trailers, modern film adaptation critiques, and many more captivating activities.

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**FILM STUDIES AND SCRIPT WRITING**

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	None	<b>Length:</b>	Year
		<b>Fee:</b>	None

In this class the techniques and history of film will be studied. Students will learn about film concepts, the role of story and process and have discussions on the role of movies in our culture. While movies will be screened in class to underscore concepts being studied, the class will include reflective essays, critiques, and analysis papers regarding the films. Scriptwriting will be covered in the third quarter. Students will study scripts, learn script formatting and will apply film concepts and techniques studied into original scripts for movies, television and plays.

## FAMILY & CONSUMER SCIENCE

### PRINCIPLES OF FOOD

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
		<b>Fee:</b>	\$35.00

Do you want to learn how to cook healthy and delicious recipes? Would you also like to learn healthy eating habits and nutrition skills for life? This is the class for you! In this course, students will gain knowledge in food selection criteria and apply preparation methods to promote a healthy lifestyle. Students will apply cooking methods, ingredient selection and nutritional information in the context of selected food dishes. Throughout the course, basic food safety and sanitation techniques will be emphasized.

### CULINARY FUNDAMENTALS

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	Principles of Food, Global Foods, or Nutrition and Wellness	<b>Length:</b>	Semester
		<b>Fee:</b>	\$40.00

Are you interested in taking a more advanced culinary class that will prepare you to work in a restaurant or teach you more advanced culinary techniques and recipes? Have you already taken a foods class at SMFHS? If so, this is the class for you. For students interested in a potential career-tech pathway through Joshua's Restaurant. In this course, students will apply fundamental culinary techniques, such as knife handling skills and the recognition, selection and proper use of tools and equipment. An emphasis will be placed on the management of time, ingredients and equipment. Students will apply standard recipe conversions using proper scaling and measurement techniques.

### NUTRITION AND WELLNESS

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	Principles of Food	<b>Length:</b>	Semester
		<b>Fee:</b>	\$40.00

Do you want to learn how to prepare recipes that are healthy and nutritious, while focusing on overall nutrient content and physical activity at the same time? This is the class for you! In this course, 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.

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## GLOBAL FOODS

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	Principles of Food	<b>Length:</b>	Semester
		<b>Fee:</b>	\$35.00

This course teaches students to recognize the social and cultural factors that influence healthy lifestyle choices. Students will analyze the many cultural influences on food preparation techniques. Global Foods is a hands-on course focusing on international cuisine through preparation and presentation of foods. Students will prepare and sample various recipes from different countries, while learning about nutrition, food safety, and safe and adequate food supplies.

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## HUMAN GROWTH AND DEVELOPMENT

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
		<b>Fee:</b>	\$15.00

Have you ever wanted to learn how individuals develop over the course of a lifetime? Are you interested in a career path in the Human Services focus area? This course is for you! In this course, students will analyze human growth and development throughout the lifespan. An emphasis will be placed on physical, cognitive, social and emotional growth and development. Additional topics will include human characteristics and traits, genetic defects, parenting styles and responsibilities and cultural differences within a family unit and community.

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## CONSUMER ECONOMICS

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
<b>Notes:</b>	Course counts for financial literacy graduation credit	<b>Fee:</b>	\$5.00

In this course, students will study public policy and consumer behavior related to consumer economics. Throughout the course, students will examine laws and regulations that affect the consumer. Additional topics will include consumer expenditures, consumer fraud, global economy, large purchases, and contracts. This course satisfies your graduation requirement for financial literacy.

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**CAREER AND COLLEGE READINESS**

<b>Grade Level:</b>	11	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
		<b>Fee:</b>	\$10.00 for etiquette lunch & workbook

Interested in learning more about your future career and college path? This course will help you! Students in this course will also complete an internship in a career of their choice. In this course, students will develop effective learning strategies and skills to provide a strong foundation for successful lifelong learning. Throughout the course, students will research careers and occupations, review postsecondary admissions qualifications, develop interviewing skills and participate in internships. Additional topics will include principles and techniques of professionalism, networking, conflict-resolution, negotiation, leadership and entrepreneurship. Students in this course will have the option of mentoring or job shadowing someone in a career field of interest.

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**TEXTILES AND INTERIOR DESIGN**

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
		<b>Fee:</b>	\$25.00

Are you interested in learning about the study of Interior Design and Textiles? Want a future career as an Interior Designer or in fashion/textiles? This is a basic introduction course that can help you learn more about these areas! In this course, students will explore a broad range of topics relating to the various aspects and career opportunities available in the field of textiles and design. The emphasis will be given to textiles project development and developing strategies to maintain the home. Additional topics will include project collaboration, design techniques and environmental sustainability.

## FINE ARTS – VISUAL

### ART 1

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
		<b>Fee:</b>	\$20.00

Art 1 is a preliminary, basic course designed to introduce the high school student to the visual arts. A variety of media is explored, with focus on the art elements and principles.

### ART 2

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	Art 1	<b>Length:</b>	Semester
		<b>Fee:</b>	\$20.00

Art 2 builds upon basic concepts introduced in Art 1 as well as expanding upon new ideas and materials. A problem-solving approach expands and broadens students' artistic knowledge and basic skills. This class is recommended for students who want to continue to work in a wide range of media.

### DRAWING 1

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	Art 1	<b>Length:</b>	Semester
		<b>Fee:</b>	\$20.00

Drawing 1 students work primarily realistically, drawing from observation. A broad range of media is employed including pencil, chalk, and charcoal. Recommended for highly motivated art students.

### DRAWING 2

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	Drawing 1	<b>Length:</b>	Semester
		<b>Fee:</b>	\$20.00

Drawing 2 is a continuation of concepts, ideas, tools, and materials used in Drawing 1 as well as new experiences. Greater sophistication in all areas is stressed and additional media is incorporated.

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## FASHION DESIGN AND ILLUSTRATION 1

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	Art 1	<b>Length:</b>	Semester
		<b>Fee:</b>	\$20.00

This course will focus on Fashion as an art form. Students will learn figure drawing techniques, how to illustrate clothing on the human form and basic hand sewing techniques. Students will use a variety of media throughout the class and will experiment with accessory creation.

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## FASHION DESIGN AND ILLUSTRATION 2

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	Fashion Design 1	<b>Length:</b>	Semester
		<b>Fee:</b>	\$20.00

Fashion Design 2 is a continuation of concepts, ideas and techniques learned in Fashion Design 1, with more of a focus put on fashion creation. Greater sophistication in all areas will be stressed.

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## PAINTING 1

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	Art 1	<b>Length:</b>	Semester
		<b>Fee:</b>	\$25.00

A variety of paint media is explored with continued emphasis on design and composition. Special emphasis on color usage and manipulation of paint medium is developed. Students will paint realistically and abstractly. Recommended for above-average art students.

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## PAINTING 2

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	Painting 1	<b>Length:</b>	Semester
		<b>Fee:</b>	\$25.00

Painting 2 builds upon painting concepts and techniques explored in Painting 1, with emphasis on the art elements and principles. Greater sophistication in all areas is stressed and additional techniques are incorporated.

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## CERAMICS 1

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	Art 1	<b>Length:</b>	Semester
		<b>Fee:</b>	\$30.00

Ceramics will introduce the student to a full range of ceramic techniques, including pinch and coil building and slab construction. Students will also experiment with glazing techniques and learn the process of going from wet clay to a finished piece.

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## CERAMICS 2

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	Ceramics 1	<b>Length:</b>	Semester
		<b>Fee:</b>	\$30.00

Ceramics 2 builds upon the methods and concepts developed in Ceramics 1. Students will be introduced to advanced ceramic techniques, including throwing on the wheel.

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## ADVANCED CERAMICS

<b>Grade Level:</b>	11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	Ceramics 2	<b>Length:</b>	Semester
<b>Notes:</b>	Course may be repeated for credit with teacher approval	<b>Fee:</b>	\$30.00

Advanced Ceramics builds upon prior knowledge, while furthering creativity, craftsmanship, and design skills. This course will be a combination of teacher initiated projects and student directed investigations with the emphasis on building studio ceramic art. Students should expect weekly homework assignments. In this course each student develops an area of concentration in creating a portfolio to showcase their skills and strengths. This course may be repeated with teacher approval.

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## UPCYCLED ART

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	Art 1	<b>Length:</b>	Semester
<b>Notes:</b>	Course may be repeated for credit	<b>Fee:</b>	\$20.00

This art class will incorporate the use of recycled and/or previously used objects to create new or “upcycled” artworks. Students will be responsible for collecting and using materials of all sorts (plastic caps, bottle caps, Barbie parts, gift cards, aluminum cans, wood scraps, neckties, etc). Incorporating reused materials will force students to think outside of the box, beyond traditional methods and materials. We will focus on artists who work with recycled materials and projects which include sculptures, jewelry, collage, assemblage, etc.

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## 3-D DESIGN

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	Art 1	<b>Length:</b>	Semester
<b>Notes:</b>	Course may be repeated for credit	<b>Fee:</b>	\$25.00

If you are unsure what to take after Art 1 and need one more credit in the arts this is the class for you! 3-D Design is hands on course where we will explore the basics of 3-D Arts. This course is geared for the hands-on learner and is intended to address a very broad interpretation of sculptural issues in depth and space. Students are expected to become independent thinkers and to apply their knowledge of the elements and principles of design to their work in a variety of media (clay, wire, paper mache, fibers, found objects...).

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## GRAPHIC DESIGN

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	Art 1	<b>Length:</b>	Semester
<b>Notes:</b>	Course may be repeated for credit	<b>Fee:</b>	\$25.00

Students will receive an overview of how art and design communicate to the viewer and are used commercially. They will gain a working knowledge of the tools, equipment, materials, processes, and terminology pertaining to visual communication. Students will use a variety of media and techniques to express and communicate ideas, concepts, and feelings.

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## JEWELRY / METALS

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	Art 1	<b>Length:</b>	Semester
<b>Notes:</b>	Course may be repeated for credit	<b>Fee:</b>	\$40.00

Students will have the opportunity to employ a broad range of materials, including metal, in the design and fabrication of jewelry objects and art pieces. Stamps, rivets, and patinas are just a few of the techniques introduced and explored. Quality design, craftsmanship, good work habits and creative usage of materials will be stressed.

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## DIGITAL PHOTOGRAPHY

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
		<b>Fee:</b>	\$46.00

How to shoot a quality picture, using elements and principles of art and design are the focus of this course. Students will learn how to compose and shoot photos, learn how to import and export digital files, and how to manipulate them in Adobe Photoshop to achieve the best quality work. Photo history will also be investigated, as we learn best by exploring where we have come from as well as where we are headed. Outside work is required. A digital camera of at least 3 megapixels is required - cell phone cameras are not acceptable.

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## INTERMEDIATE PHOTOGRAPHY

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	Digital Photography	<b>Length:</b>	Semester
		<b>Fee:</b>	\$46.00

Working from the knowledge gained in Digital Photography, the Elements of Art and Principles of Design and basics of Adobe Photoshop, we will continue to explore other processes in the Photographic world. We will start with camera basics and film exposure then how to combine film and digital photography. Some basic video concepts will be explored and how to combine those into photographs, such as Stop-Frame animation, GIF animation, Cinemagraph construction, and historical construction of Zoetropes. Commercial Illustration will also be addressed, with some basic still life design and lighting. A 35mm film camera is not required but helpful.

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## AP STUDIO ART: 2D DESIGN/PHOTO

<b>Grade Level:</b>	12	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Honors/Advanced Placement Intent Form -Honors Digital Photography	<b>Length:</b>	Year
<b>Notes:</b>	-Course provides service to gifted education students	<b>Fee:</b>	-\$95.00 -AP Exam Fee

This class is designed for serious college-bound students in studio photography or photojournalism. Students will produce working portfolios using various techniques in digital photography and/or darkroom work. Students are required to produce work for the Scholastic Art Awards as well as the Ohio Governor's Show. Students are encouraged to be active with the school newspaper and yearbook staff. Students will be required to complete an AP portfolio and review. A digital single-lens reflex camera (DSLR) is required for this class. Students may be expected to complete projects during the summer prior to course entry. **Students are expected to complete any summer assignments prior to the first day of the course.**

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## HONORS 2D DIGITAL PHOTOGRAPHY

<b>Grade Level:</b>	11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Honors/Advanced Placement Intent Form -Photography 1 -Digital Photography	<b>Length:</b>	Year
<b>Notes:</b>	-Course provides service to gifted education students	<b>Fee:</b>	\$95.00

This course builds on Digital Photography, with emphasis not only on achieving a great photo, but advanced techniques in depth-of-field, light meter use, shutter speeds and focus. Emphasis is also placed on careers in studio or photojournalism through projects, visits, and speakers. Portfolio reviews occur weekly. A digital camera with some manual capability and at least 3 megapixels is required. Students may be expected to complete projects during the summer prior to course entry.

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## HONORS ART STUDIO

<b>Grade Level:</b>	11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Art 1 -Honors/Advanced Placement Intent Form	<b>Length:</b>	Year
<b>Notes:</b>	-Course provides service to gifted education students	<b>Fee:</b>	\$95.00

Honors Art Studio is designed for the accelerated art student considering college options in the field of art. Working independently and in groups, students will focus on the development of a personal style, including the beginning creation of a portfolio. Students may be expected to complete projects during the summer prior to course entry.

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## AP STUDIO ART: DRAWING

<b>Grade Level:</b>	12	<b>Credit:</b>	1
	-Honors/Advanced Placement Intent Form	<b>Length:</b>	Year
<b>Prerequisite:</b>	-Art 1 or teacher recommendation -Honors Art Studio or teacher recommendation	<b>Fee:</b>	-\$95.00 -AP Exam Fee
<b>Notes:</b>	-Course provides service to gifted education students		

AP Studio Art: Drawing is designed for the college-bound student interested in an art career. Working with the instructor, students will develop a portfolio with works in various mediums. Students are required to produce a portfolio for the AP Studio Art: Drawing Exam which demonstrates mastery in 3 categories: Quality, Breadth and Concentration. Students may be expected to complete projects during the summer prior to course entry. **Students are expected to complete any summer assignments prior to the first day of the course.**

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## AP ART HISTORY

<b>Grade Level:</b>	11, 12	<b>Credit:</b>	1
	-Honors/Advanced Placement Intent Form	<b>Length:</b>	Year
<b>Prerequisite:</b>	-Course provides service to gifted education students	<b>Fee:</b>	AP Exam Fee
<b>Notes:</b>			

AP Art History is an in depth look at history through the lens of Art. Students will learn about civilization, culture, politics, religion, and technology in relationship to the impact it had on the art that followed. Actual art creation is on an experimental level only. Students are required to take the AP Art History exam and may earn college credit. This course is a great option for AP level students who still need to earn an Art credit.

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## UNDERSTANDING ART AND ART HISTORY

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2
		<b>Length:</b>	Semester
<b>Prerequisite:</b>	None	<b>Fee:</b>	None
<b>Notes:</b>	None		

This class is for students who are more interested in learning about art, than creating it. This discussion based class will focus on the stories and reasons behind works of art and why they are culturally and historically important. Companion class to Appreciating Art but focuses on different themes and subject matter.

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**APPRECIATING ART AND ART HISTORY**

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
<b>Notes:</b>	None	<b>Fee:</b>	None

This class is for students who are more interested in learning about art, than creating it. This discussion based class will focus on the stories and reasons behind works of art and why they are culturally and historically important. Companion class to Appreciating Art but focuses on different themes and subject matter.

## FINE ARTS – PERFORMING

### ACTING

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	None	<b>Length:</b>	Year
<b>Notes:</b>	Course may be repeated for credit	<b>Fee:</b>	\$32.00

This course is designed to introduce and familiarize students with the theater and acting. The course is a mixture of performance, participation activities and script reading. Students will focus on characterization, movement and vocal interpretation to build a foundation for acting. In addition, an overview of theater history through dramatic literature, a study of the role of theater within society and theater appreciation and etiquette will be presented. A mandatory course requirement is the performance hours served outside the regular school day.

### ADVANCED ACTING (NEW)

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Acting -Application or teacher recommendation	<b>Length:</b>	Year
<b>Notes:</b>	Course may be repeated for credit	<b>Fee:</b>	\$32.00

Advanced Acting expands on the fundamentals accomplished in Acting, allowing the student to experience new genres as well as a deeper exploration into character development, disciplines of performance, and understanding of the historical, social and cultural impact that acting and performance has in society. Students will be encouraged to assume a leadership role through writing, producing, directing and mentoring.

### STAGECRAFT AND THEATER DESIGN

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Application or teacher recommendation	<b>Length:</b>	Year
<b>Notes:</b>	-Course may be repeated for credit	<b>Fee:</b>	\$35.00 for lab supplies and field trips

This course is designed for students who have an interest in the traditionally “backstage” areas of theatrical performance. Students will be able to explore a variety of theatrical technologies, including lighting, sound, and construction techniques. Students will be responsible for setup and tear-down of various in-school programs, as well as performing duties for evening programs, theatrical presentations, and activities. **Outside of class time work is mandatory and graded.** Field trips to major professional productions may also be included. Acceptance into this course will be through application or teacher recommendation. Students may enroll in this course for four years; one credit per year.

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**BAND**

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Previous instrument experience or audition	<b>Length:</b>	Year
<b>Notes:</b>	-Course may be repeated for credit	<b>Fee:</b>	None

Band is an integrated curriculum consisting of Marching Band and Concert Bands. Marching Band requires attendance at summer rehearsals and performances, band camp, Thursday evening practices, and performances at football games, band shows and competitions. Once the football season is finished, students will audition for placement in one of the concert bands. Each concert band is ability-based so students can progress at their individual achievement levels. As with marching band, the concert bands require performances at evening rehearsals, concerts, adjudicated performances. All Bands require attendance at concerts, competitions, and evening rehearsals.

Wind Ensemble:	The band's highest level performing ensemble. Students will often perform musical selections performed at the college level. The music department considers this an honors level class and can demand daily study outside of school.
Symphonic Band:	Upper-level performing ensembles: Gold/Maroon.
Freshmen Band:	A continuation of middle school concepts. Stress is placed on refining concepts of tone quality, intonation, rhythm and musicality on a high school level.

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**HONORS BAND**

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Previous instrument experience or audition	<b>Length:</b>	Year
<b>Notes:</b>	-Course provides service to gifted education students -Course may be repeated for credit	<b>Fee:</b>	None

The goal of band honor credit is to improve student musicianship. The directors have included a variety of activities which are weighted based on student time commitment and direct musical impact.. Students are committing to the honor program for the entire year. Band and Honors Band Credit are separate courses.

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### MEN'S CHORALE

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	None	<b>Length:</b>	Year
<b>Notes:</b>	Course may be repeated for credit	<b>Fee:</b>	None

An introductory course studying the fundamentals of choral music. The main focuses of the class are vocal tone production, sight-reading, studying diverse choral repertoire from varying time periods and cultures, as well as the changing male voice. No audition required.

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### WOMEN'S CHORALE

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	None	<b>Length:</b>	Year
<b>Notes:</b>	Course may be repeated for credit	<b>Fee:</b>	None

An introductory course studying the fundamentals of choral music. The main focuses of the class are vocal tone production, sight-reading, studying diverse choral repertoire from varying time periods and cultures, along with music written solely for female voices. No audition required.

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### CONCERT CHOIR

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	Audition	<b>Length:</b>	Year
<b>Notes:</b>	Course may be repeated for credit	<b>Fee:</b>	None

Concert Choir is an auditioned ensemble for the more advanced musician with a basic to advanced knowledge of reading music, fundamentals of musicianship, breath and expression. This chorus is designed for those students wishing to study and perform demanding literature. A minimum of three concerts, participation at OMEA Large Group contest, and a minimal number of after-school rehearsals are required.

## WOMEN'S CHORUS

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	Audition	<b>Length:</b>	Year
<b>Notes:</b>	Course may be repeated for credit	<b>Fee:</b>	None

This is an auditioned ensemble for advanced female students who do not have room in their schedule for Concert Choir, but are still interested in singing challenging repertoire. This course requires performance at a minimum of three concerts, participation at OMEA Large Group Adjudicated Events, and a minimal number of after-school rehearsals.

## ORCHESTRA

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	Previous instrument experience or audition	<b>Length:</b>	Year
<b>Notes:</b>	Course may be repeated for credit	<b>Fee:</b>	None

High school orchestra offers an opportunity for the high school student to study and perform full orchestra and chamber orchestra symphonic, classical, and pop literature, increase playing skills, and the music theory necessary for advanced musicianship. This class is open to violin, viola, cello, and upright bass string students and requires attendance at ALL evening concerts, adjudicated performances, and after school rehearsals. Students who take this class commit not only to participating in daytime school rehearsals but all after-school events as well. Students have extra performance opportunities such as community performances and OMEA Solo and Ensemble. Previous instrument experience encouraged but not required. New students who join are handled on a case-by-case basis. Brand new music students are encouraged to take the course alongside private lessons.

Woodwind, Brass, and Percussion	An opportunity to learn and perform traditional symphonic orchestra music as well as other types of music
Piano	An opportunity to perform music with a large group as well as develop solo and accompaniment rehearsal and performing skills. These students should be taking private lessons outside of class.
String	An opportunity to learn and perform more advanced orchestra literature as well as solo and chamber music.

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## HONORS ORCHESTRA

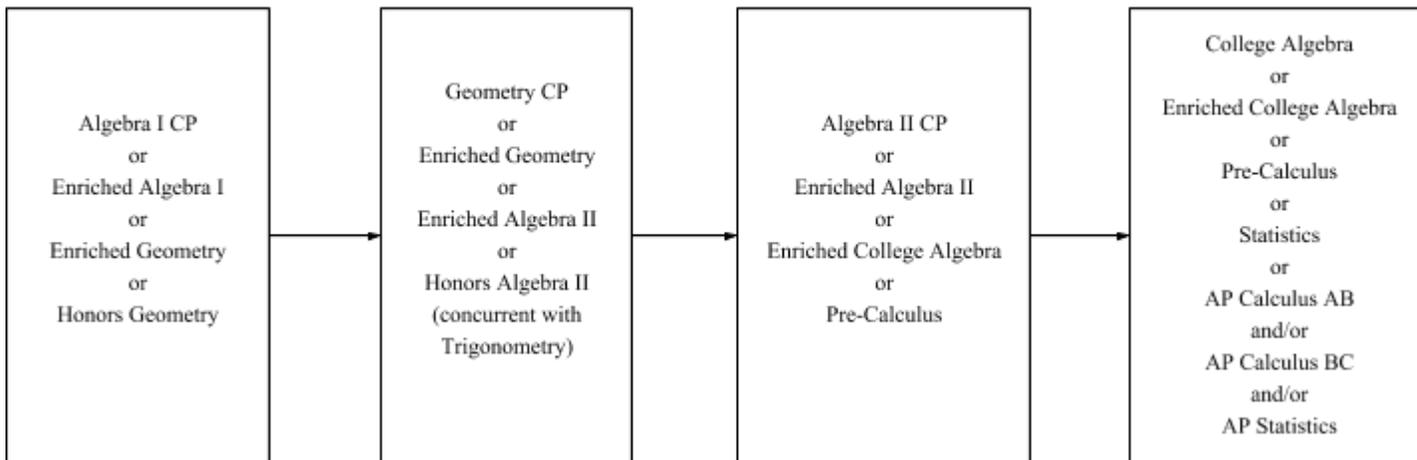
<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	Previous instrument experience or audition -Course provides service to gifted education students	<b>Length:</b>	Year
<b>Notes:</b>	-Course may be repeated for credit	<b>Fee:</b>	None

The goal of **Orchestra Honors** is to improve musicianship and to encourage students to go beyond what the student is exposed to daily during the orchestra period. We have developed a variety of activities from which you may choose to meet the criteria for the honors credit. Points awarded are weighted based on the time commitment and the musical impact. The goal of Orchestra Honors is to improve musicianship and to encourage students to go beyond what the student is exposed to daily during the orchestra period. We have developed a variety of activities from which students may choose to meet the criteria for the honors credit. Points awarded are weighted based on the time commitment and the musical impact.. Students are committing to the honor program for the entire year.

# MATH

Four credits of mathematics taken at the high school level (grades 9-12) are necessary for graduation in the State of Ohio.

Choose one class from each box below:



- AP = All students who take AP Courses must take the AP test at the current fee.
- Advancement through Program: Students who earn an A or B may advance to the next course. It is strongly recommended that students who earn a D repeat the course with improved competency before progressing to the next level.
- The eight Standards for Mathematical Practice apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.
- The honors sections especially emphasize the skills in the Standards for Mathematical Practice, which include independent problem solving, abstract and logical reasoning, representing and communicating ideas precisely, modeling real situations, and using structure and patterns to make broader connections among mathematical ideas.

## ALGEBRA I CP (FORMERLY MATH I)

<b>Grade Level:</b>	9	<b>Credit:</b>	2
<b>Prerequisite:</b>	None	<b>Length:</b>	Year
		<b>Fee:</b>	None

The purpose of Algebra I CP is to apply and extend the mathematics that students learned in the middle grades. The units deepen the students' understanding of linear relationships, in part by contrasting them with exponential relationships, and in part by applying linear models to data that exhibit a linear trend. Algebra I CP uses constructions, properties, and theorems involving congruent figures to deepen and extend the understanding of geometric knowledge from prior grades. The algebraic and geometric ideas studied are then connected later in the course. A TI 84 graphing calculator will be used.

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### ENRICHED ALGEBRA I (FORMERLY ENRICHED MATH I)

<b>Grade Level:</b>	9	<b>Credit:</b>	1
<b>Prerequisite:</b>	None	<b>Length:</b>	Year
		<b>Fee:</b>	None

The purpose of Enriched Algebra I is to formalize and extend the mathematics that students learned in the middle grades. The units deepen and extend understanding of linear relationships, in part by contrasting them with exponential relationships, and in part by applying linear models to data that exhibit a linear trend. Enriched Algebra I uses properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge from prior grades. The algebraic and geometric ideas studied are then tied together late in the course. A TI 84 graphing calculator is strongly recommended for this course.

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### GEOMETRY CP (FORMERLY MATH II)

<b>Grade Level:</b>	10	<b>Credit:</b>	2
<b>Prerequisite:</b>	Algebra I CP	<b>Length:</b>	Year
		<b>Fee:</b>	None

The intent of this course is to increase students' complete mathematical understanding as they work with geometric relationships, coordinate planes, trigonometric ratios, and quadratic functions. Quadratic expressions, equations, and functions will be investigated, comparing their characteristics and behavior to those of linear and exponential relationships from Algebra I CP. The need for extending the set of rational numbers becomes clear, and real and complex numbers are explored so that all quadratic equations can be solved. The link between probability and data is explored through conditional probability and counting methods, including their use in making and evaluating decisions. The study of similarity leads to an exploration of circles and quadrilaterals, and an understanding of right triangle trigonometry that connects to quadratics through Pythagorean relationships. A TI 83 or TI 84 graphing calculator will be used.

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### ENRICHED GEOMETRY (FORMERLY ENRICHED MATH II)

<b>Grade Level:</b>	9, 10	<b>Credit:</b>	1
<b>Prerequisite:</b>	Enriched Algebra I	<b>Length:</b>	Year
		<b>Fee:</b>	None

This course focuses on increasing students' complete mathematical understanding as they work with geometric relationships, coordinate planes, trigonometric ratios, and quadratic functions. Quadratic expressions, equations, and functions will be analyzed – comparing their characteristics and behavior to those of linear and exponential relationships from Enriched Algebra I. The need for extending the set of rational numbers arises, and real and complex numbers are introduced so that all quadratic equations can be solved. The link between probability and data is explored through conditional probability and counting methods, including their use in making and evaluating decisions. The study of similarity leads to an understanding of right triangle trigonometry and connects to quadratics through Pythagorean relationships. A TI 84 or TI 83 graphing calculator is strongly recommended for this course.

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## HONORS GEOMETRY (FORMERLY HONORS MATH II)

<b>Grade Level:</b>	9, 10	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Enriched Algebra I -Honors/AP Intent Form	<b>Length:</b>	Year
<b>Notes:</b>	-Course provides service to gifted education students	<b>Fee:</b>	None

This course focuses on increasing students' complete mathematical understanding as they work with geometric relationships, coordinate planes, trigonometric ratios, and quadratic functions. Quadratic expressions, equations, and functions will be analyzed – comparing their characteristics and behavior to those of linear and exponential relationships from Enriched Algebra I. The link between probability and data is explored through conditional probability and counting methods, including their use in making and evaluating decisions. The study of similarity leads to an understanding of right triangle trigonometry and connects to quadratics through Pythagorean relationships. The modified rigor and pacing will provide for extended time to develop a foundational base of geometric and algebraic concepts. The rigor and pacing will provide for a solid college preparatory foundation. This honors section will especially emphasize the skills in the Standards for Mathematical Practice, which include independent problem solving, abstract and logical reasoning, representing and communicating ideas precisely, modeling real situations, and using structure and patterns to make broader connections among mathematical ideas. A TI 84 graphing calculator is strongly recommended for this course.

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## ALGEBRA II CP (FORMERLY MATH II)

<b>Grade Level:</b>	10, 11	<b>Credit:</b>	1
<b>Prerequisite:</b>	Geometry CP	<b>Length:</b>	Year
		<b>Fee:</b>	None

In this math course, students will apply the knowledge that they have gained from their previous courses and expand upon it, with content grouped in four critical areas. Students will broaden their knowledge of functions to include polynomial, rational, radical, and logarithmic function families. They recall knowledge of quadratic functions and exponential functions they attained in Algebra I CP and use it as a base to deepen their understanding when those functions are revisited. They expand their study of trigonometry to include the unit circle and basic trigonometric functions. They also apply methods from probability and statistics to draw inferences and conclusions from data. Finally, students bring together all their experience with functions and geometry to create models to solve contextual problems. A TI 83 or TI 84 graphing calculator will be used.

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**ALGEBRA II CP - SELF PACED**

<b>Grade Level:</b>	10, 11	<b>Credit:</b>	1
<b>Prerequisite:</b>	Geometry CP	<b>Length:</b>	Year
		<b>Fee:</b>	None

In this math course, students will progress at their own pace while covering the same material that will be covered in the traditional Algebra 2 class. Content will be accessed through the textbook and various online resources that have been vetted by the instructors. Students will apply the knowledge that they have gained from previous courses and expand upon it, with content grouped into four critical areas. Students will broaden their knowledge of functions to include polynomial, rational, radical, and logarithmic function families. They will recall knowledge of exponential and quadratic functions they attained in Algebra I and use it as a base to deepen their understanding when those functions are revisited. They expand their study of trigonometry to include the unit circle and basic trigonometric functions. They will also apply methods from probability and statistics to draw inferences and conclusions from data. Finally, students bring together all their experience with functions and geometry to create models to solve contextual problems. A TI-83 or TI-84 graphing calculator will be used.

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**ENRICHED ALGEBRA II (FORMERLY ENRICHED MATH III)**

<b>Grade Level:</b>	10, 11	<b>Credit:</b>	1
<b>Prerequisite:</b>	Enriched Geometry	<b>Length:</b>	Year
		<b>Fee:</b>	None

In Enriched Algebra II, students pull together and apply the accumulation of learning that they have from their previous courses, with content grouped in four critical areas. Students expand their knowledge of functions to include polynomial, rational, radical, exponential, and logarithmic functions. They expand their study of trigonometry to include the unit circle and basic trigonometric functions. They will also apply methods from probability and statistics to draw inferences and conclusions from data. Finally, students bring together all their experience with functions and geometry to create models to solve contextual problems. A TI 84 graphing calculator is strongly recommended for this course.

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## HONORS ALGEBRA II (FORMERLY ENRICHED MATH III)

<b>Grade Level:</b>	10, 11	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Honors Geometry -Honors/AP Intent Form	<b>Length:</b>	Year
<b>Notes:</b>	-Course provides service to gifted education students -Trigonometry will be taken at the same time as this course	<b>Fee:</b>	None

In Honors Algebra II, students pull together and apply the accumulation of learning that they have from their previous courses, with content grouped in four critical areas. Students expand their knowledge of functions to include polynomial, rational, radical, exponential, and logarithmic functions. They expand their study of trigonometry to include the unit circle and basic trigonometric functions. They will also apply methods from probability and statistics to draw inferences and conclusions from data. Finally, students bring together all their experience with functions and geometry to create models to solve contextual problems. This honors section will especially emphasize the skills in the standards for mathematical practice, which include independent problem solving, abstract and logical reasoning, representing and communicating ideas precisely, modeling real situations, and using structure and patterns to make broader connections among mathematical ideas. A TI 84 graphing calculator is strongly recommended for this course. Trigonometry will be taken at the same time as this course.

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## TRIGONOMETRY

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	-Algebra II CP -Honors Algebra II at the same time	<b>Length:</b>	Semester
		<b>Fee:</b>	None

This course is designed for the college bound student who has demonstrated above average skills in Algebra II or is concurrently enrolled in Honors Algebra II. Due to the rigor and pace of this semester course, a strong foundation of algebraic concepts is necessary. Analyzing right triangle and circular relationships, the trigonometric functions and their inverses will be applied to graphs, identities, and trigonometric equations. A scientific calculator is required and a TI-84 graphing calculator is strongly recommended.

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## COLLEGE ALGEBRA

<b>Grade Level:</b>	11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	Algebra II CP	<b>Length:</b>	Year
		<b>Fee:</b>	None

This course is designed for the student who plans to further their education and may want improved competency in specific math concepts for Algebra. Specifically, proficiency in the concepts of Exponents, Polynomials, Linear functions, Quadratic functions, Cubic functions, Statistics, Matrices, Exponentials and Logarithms. A graphing calculator (TI-84) is strongly recommended.

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## ENRICHED COLLEGE ALGEBRA

<b>Grade Level:</b>	11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	Enriched Algebra II	<b>Length:</b>	Year
		<b>Fee:</b>	None

This course is designed for the college bound student who is not pursuing a field of study that involves the use of Calculus. Topics in this course require students to have mastered previous Algebra skills. Topics in this course include review of Linear, Quadratic, Cubic functions, analyzing Exponential and Logarithmic functions, Systems of equations, Inequalities, Statistics, Analytic Geometry, and various other functions. A graphing calculator (TI-84) is strongly recommended.

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## STATISTICS

<b>Grade Level:</b>	11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	Algebra II CP	<b>Length:</b>	Year
		<b>Fee:</b>	None

Statistics is a course that introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. The four broad conceptual themes are exploring data, planning a study, anticipating patterns and statistical inference. A graphing calculator is required for this course.

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## AP STATISTICS

<b>Grade Level:</b>	11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Honors Algebra II -Honors/Advanced Placement Intent Form	<b>Length:</b>	Year
<b>Notes:</b>	-Course provides service to gifted education students	<b>Fee:</b>	AP Exam Fee

AP Statistics is a high school equivalent of a one-semester, introductory college statistics course. The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students design, administer, and tabulate results from surveys and experiments. Probability and simulations aid students in constructing models for chance phenomena. Sampling distributions provide the logical structure for confidence intervals and hypothesis tests. Students use a TI-83/84/89 graphing calculator, statistical software, and web-based java applets to investigate statistical concepts. To develop effective statistical communication skills, students are required to prepare frequent written and oral analyses of real data. Students are exposed to four broad conceptual themes: 1) Exploring Data: Describing patterns and departures from patterns. 2) Sampling and Experimentation: Planning and conducting a study. 3) Anticipating Patterns: Exploring random phenomena using probability and simulation. 4) Statistical Inference: Estimating population parameters and testing hypotheses. Students who successfully complete the course and take the Advanced Placement exam may receive college credit for a one semester introductory college statistics course. **Students are expected to complete any summer assignments prior to the first day of the course.**

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## PRECALCULUS

<b>Grade Level:</b>	11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	Enriched Algebra II	<b>Length:</b>	Year
		<b>Fee:</b>	None

This course is designed for college intending students who wish to pursue a field that would require the study of Calculus. However, this is not a preparatory class for AP Calculus. Topics include advanced Algebra, Trigonometry, functions, polynomial and rational functions, complex numbers, exponential and logarithmic functions, systems of equations, sequences and series. A graphing calculator is necessary to complete course requirements.

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## HONORS PRECALCULUS (FORMERLY HONORS PRECALCULUS AB)

<b>Grade Level:</b>	11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Honors Algebra II -Trigonometry -Honors/Advanced Placement Intent Form	<b>Length:</b>	Year
		<b>Fee:</b>	None

This course is designed for college intending students who wish to pursue a field that would require the study of Calculus and intend to take AP Calculus AB. Topics include functions, polynomial and rational functions, complex numbers, exponential and logarithmic functions, trigonometric functions, systems of equations and analytic geometry, sequences and series. A good work ethic is expected, as coursework is rigorous. A graphing calculator is necessary to complete course requirements. This honors section will especially emphasize the skills in the Standards for Mathematical Practice, which include independent problem solving, abstract and logical reasoning, representing and communicating ideas precisely, modeling real situations, and using structure and patterns to make broader connections among mathematical ideas.

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## HONORS PRECALCULUS FOR AP CALCULUS BC (FORMERLY HONORS PRECALCULUS BC)

<b>Grade Level:</b>	11	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Honors Algebra II -Trigonometry -Honors/Advanced Placement Intent Form	<b>Length:</b>	Year
		<b>Fee:</b>	None

This course is designed for college intending students who wish to pursue a field that would require the study of Calculus and intend to take the AP Calculus BC course. Topics include the Pre-Calculus study of functions, polynomial and rational functions, complex numbers, exponential and logarithmic functions, trigonometric functions, systems of equations and analytic geometry, sequences and series, as well as the calculus topics of limits, basic differentiation, and introductory integration techniques. A good work ethic is expected, as course work is rigorous and the pace accelerated. A graphing calculator is necessary to complete course requirements. This honors section will especially emphasize the skills in the Standards for Mathematical Practice, which include independent problem solving, abstract and logical reasoning, representing and communicating ideas precisely, modeling real situations, and using structure and patterns to make broader connections among mathematical ideas.

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## FUNDAMENTALS OF CALCULUS

<b>Grade Level:</b>	12	<b>Credit:</b>	1
<b>Prerequisite:</b>	Precalculus	<b>Length:</b>	Year
		<b>Fee:</b>	None

This course is primarily designed to benefit the student who plans on taking Calculus at the college level. Emphasis is placed upon developing basic proficiencies in differentiation and integration as well as their applications. This course is rigorous and a strong work ethic is required to be successful. A graphing calculator is required for this course.

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## AP CALCULUS AB

<b>Grade Level:</b>	12	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Honors Precalculus -Trigonometry -Honors/Advanced Placement Intent Form	<b>Length:</b>	Year
<b>Notes:</b>	-Course provides service to gifted education students	<b>Fee:</b>	AP Exam Fee

This course is primarily designed to benefit the student who plans on further studies in Calculus at the college level. A secondary purpose is to prepare students to take the AP Calculus Advanced Placement Test. Emphasis is placed upon developing basic proficiencies in differentiation and integration and their applications. The course is rigorous and an exceptional work ethic is required to be successful. A graphing calculator is required for this course. **Students are expected to complete any summer assignments prior to the first day of the course.**

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## AP CALCULUS BC

<b>Grade Level:</b>	12	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Honors Precalculus for AP Calculus BC -Honors/Advanced Placement Intent Form	<b>Length:</b>	Year
<b>Notes:</b>	-Course provides service to gifted education students	<b>Fee:</b>	AP Exam Fee

This course covers additional material beyond AP Calculus AB and is primarily designed to benefit the student who plans on further studies in Calculus at the college level. A secondary purpose is to prepare students to take the AP Calculus BC Advanced Placement Test. Emphasis is placed upon developing basic proficiencies in differentiation and integration and their applications, the study of series, and polar and vector functions. The course is rigorous and an exceptional work ethic is required to be successful. A graphing calculator is required for this course. **Students are expected to complete any summer assignments prior to the first day of the course.**

## PHYSICAL EDUCATION & HEALTH

**Physical Education Equivalency:** This program may be accomplished through Marching Band, Interscholastic Sports, and/or Cheerleading for 2 seasons. Students must also complete 1/2 credit of Health.

### INTRODUCTION TO PHYSICAL EDUCATION

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/4
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
		<b>Fee:</b>	None

This course is designed to introduce students to the vast array of sporting activities. Students will be taught the skills and strategies, so that they can cognitively understand the activity and be successful during game play. Students will demonstrate fitness awareness through both individual and team activities.

### LIFETIME SPORTS

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1/4
<b>Prerequisite:</b>	Intro to Physical Education OR PE Equivalency	<b>Length:</b>	Semester
		<b>Fee:</b>	None

This course is designed for the student who enjoys participating in a wide variety of sporting activities with the emphasis on lifetime fitness. Students will be taught the importance of living an active life. Students will demonstrate fitness awareness through the development of their personal fitness plan and will explore the various options available to adults who desire to stay physically fit through sporting activity.

### BODY BUILDING 1

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1/4
<b>Prerequisite:</b>	Intro to Physical Education OR PE Equivalency	<b>Length:</b>	Semester
		<b>Fee:</b>	None

This course is designed for all students interested in developing and improving areas of physical fitness, physique, and muscle tone. The students will learn proper techniques of weight training as well as a variety of exercise regimens that will improve overall physical strength.

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## BODY BUILDING 2

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1/4
<b>Prerequisite:</b>	Body Building 1	<b>Length:</b>	Semester
		<b>Fee:</b>	None

This class is an extension of Body Building 1. The intermediate weight lifter will seek to expand the individual's knowledge of the muscular system. The student will use a variety of training methods to develop their body.

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## NET GAMES

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1/4
<b>Prerequisite:</b>	Intro to Physical Education OR PE Equivalency	<b>Length:</b>	Semester
		<b>Fee:</b>	None

This course is designed to enhance students' knowledge of rules, regulations, terms, and strategies of sports such as tennis, volleyball and badminton. Students will also increase their individual and team skills as well as techniques and strategies in actual games/situations. This class is designed to encourage lifetime recreation either as a participant or spectator.

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## WALKING AND BODY TONING (NEW)

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1/4
<b>Prerequisite:</b>	Intro to Physical Education OR PE Equivalency	<b>Length:</b>	Semester
		<b>Fee:</b>	None

This class is designed for the student who wants to exercise but does not enjoy competitive sporting activities. The class will learn the benefits of a walking/exercise program. Some of the body toning activities could include Yoga, Pilates, use of exercise bands, and light weightlifting and the like.

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## PERSONAL FITNESS

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1/4
<b>Prerequisite:</b>	Intro to Physical Education OR PE Equivalency	<b>Length:</b>	Semester
		<b>Fee:</b>	None

Perfect for everybody and everybody! Personal Fitness is a low to moderate intensity class that combines Zumba, kickboxing, yoga, Pilates, aerobics, and strength training. This class will be full of fun, energetic workouts, set to upbeat music!

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## PRIME TIME SPORTS

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1/4
<b>Prerequisite:</b>	Intro to Physical Education OR PE Equivalency	<b>Length:</b>	Semester
		<b>Fee:</b>	None

*Prime Time Sports* is a class developed for the competitive athlete that enjoys competing in traditional American sports. These include Baseball, Basketball, Football, and Soccer. Students will develop and learn skills and tactics for each sport to successfully engage in competitive play. Students will also learn the importance that competitive play can teach them such as, how to win/succeed with class, how to lose/fail with dignity, how to be a respectful leader/follower, goal setting, the importance of fair play, develop strengths, work on weaknesses etc.

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## HEALTH

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
		<b>Fee:</b>	None

Instruction and discussion is provided in this course to promote better personal health and wellness. Students will be given background information for subsequent study in social, economic, physiological, psychological and behavioral areas relating to the health field. Students will be taught to make responsible decisions and learn skills necessary to become autonomous adults. Students will be encouraged to assume responsibility now for their own health. The choices they make today will affect their health in the future. This course is a graduation requirement and does not satisfy physical education requirement.

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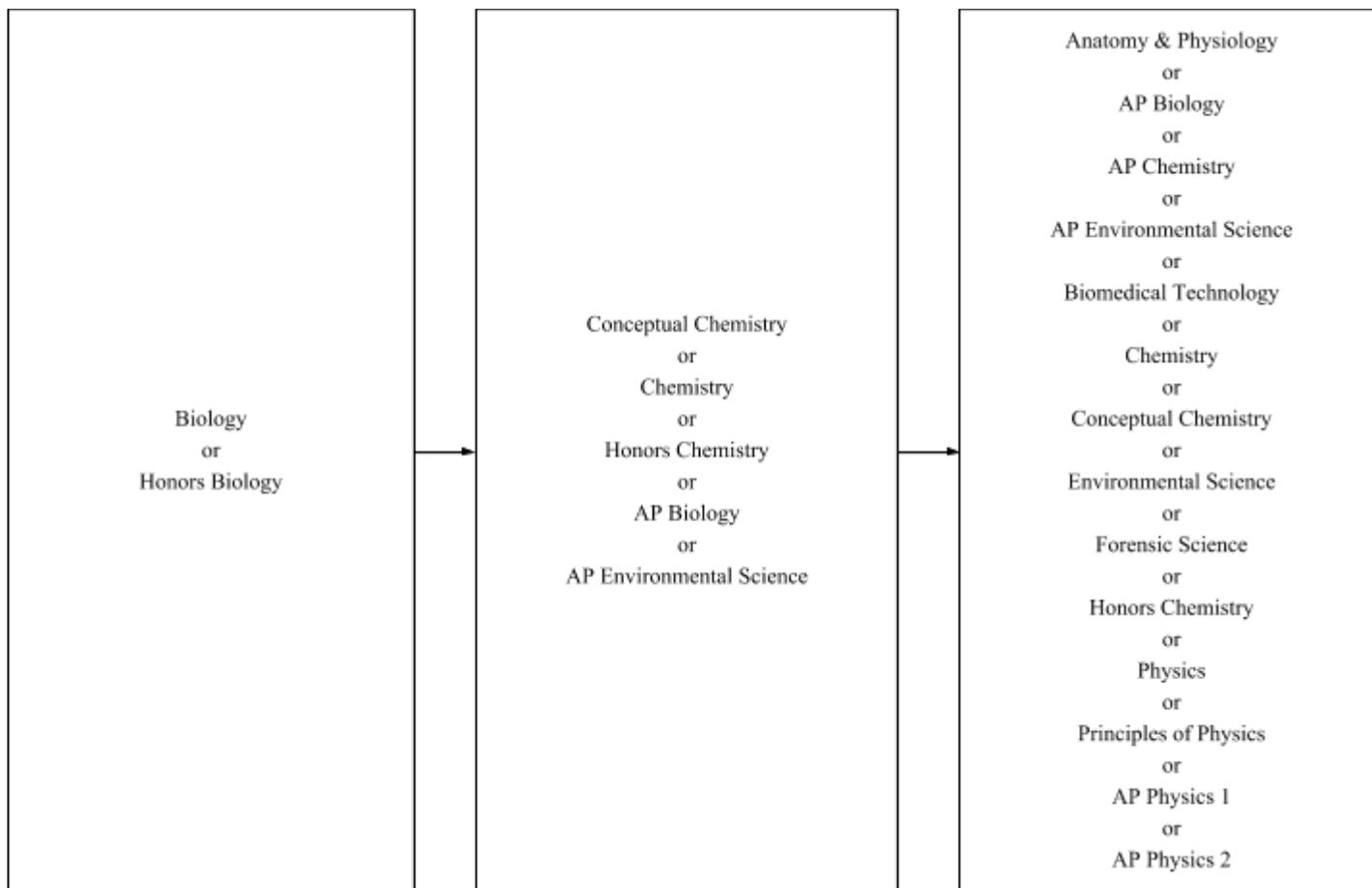
## ATHLETIC INJURY PREVENTION & TRAINING

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
		<b>Fee:</b>	None

This course is designed to enhance student athlete's knowledge and understanding of common injuries among high school athletes and provide them with strategies to help decrease those injuries. This class will explore a combination of diet, exercise, and at home rehabilitation for the everyday athlete.

## SCIENCE

Three (3) credits of science are required for graduation. (Must include one (1) unit of biological science, one (1) unit of chemistry, one (1) unit of an advanced science.)



- AP = All students who take AP Courses must take the AP test at the current fee.

## BIOLOGY

<b>Grade Level:</b>	9	<b>Credit:</b>	1
<b>Prerequisite:</b>	None	<b>Length:</b>	Year
		<b>Fee:</b>	None

This course explores the composition, diversity, complexity, and interrelatedness of life on earth. Heredity, evolution, and ecological relationships are central to these themes and are the major focus of the course. Studies include biotic and abiotic factors and their effects on populations and ecosystems, protein synthesis and molecular genetics, cell biology, genetic mechanisms, gene flow and natural selection. Laboratory investigations as well as current technological methods are applied.

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## HONORS BIOLOGY

<b>Grade Level:</b>	9	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Established recommendation process -Honors/Advanced Placement Intent Form	<b>Length:</b>	Year
<b>Notes:</b>	-Course provides service to gifted education students	<b>Fee:</b>	None

Honors Biology is intended for students who are interested in pursuing further studies in the sciences or who wish to gain a deeper understanding of the life sciences. Honors Biology explores the composition, diversity, complexity and interrelatedness of life on Earth as the General Biology course does and it has a very similar curricular content as General Biology but it does so in a much more in-depth manner. Some emphasis will be placed on independent learning assignments and projects and additional investigations in gene technology, statistics, and mathematical reasoning will be explored.

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## AP BIOLOGY

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Biology, Chemistry -Honors Chemistry at the same time -Honors/Advanced Placement Intent Form	<b>Length:</b>	Year
<b>Notes:</b>	-Course provides service to gifted education students	<b>Fee:</b>	AP Exam Fee

The AP Biology course is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their first year. After showing themselves to be qualified on the Advanced Placement Examination, some students, as college freshmen, are permitted to undertake upper-level courses in biology or register for courses for which biology is a prerequisite. Other students may have fulfilled a basic requirement for a laboratory science course, and will be able to undertake other courses to pursue their major. This information is from Advanced Placement Course Description; May 1990, the College Board. Topics covered in this course are divided into three general areas: molecules and cells (25%), genetics and evolution (25%), and organisms and populations (50%). Laboratory experiences are a substantial part of this course. **Students are expected to complete any summer assignments prior to the first day of the course.**

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## BIOMEDICAL TECHNOLOGY

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Biology/Honors Biology -Conceptual Chemistry at the same time -Chemistry at the same time	<b>Length:</b>	Year
		<b>Fee:</b>	None

This course offers students interested in medicine an introduction to laboratory techniques relevant to the medical field and medical research. In this course, students will study sterile technique, research procedures, polymerase chain reaction (PCR), gel electrophoresis in addition to other relevant techniques used in medical and research laboratories. This course design will have at its core hand-on weekly laboratory research activities.

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## CHEMISTRY

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	Biology	<b>Length:</b>	Year
		<b>Fee:</b>	None

This is a lab course that has been designed to prepare students for higher-level science courses at the secondary and post-secondary level. This is a general Chemistry course that requires strong math skills. It is a college preparatory requirement for students studying science-based curriculum at the postsecondary level. This course is intended for students who are interested in fields such as chemistry, physics, biological sciences, engineering, medicine, dentistry, veterinary medicine, and pharmacy. The areas of study include: metric measurement, theories and structure of the atom, chemical theories, chemical bonding, the periodic table, formula equation writing, acids/bases, nuclear changes, reactions, solutions, acids and bases, and mathematical relationships.

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## CONCEPTUAL CHEMISTRY

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	Biology	<b>Length:</b>	Year
		<b>Fee:</b>	None

This course is for college bound students who are not necessarily interested in a science related field. This class will focus on how and why matter is arranged, reacts, changes, and is quantified. Critical thinking and problem solving will be emphasized.

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## HONORS CHEMISTRY

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Honors/Advanced Placement Intent Form	<b>Length:</b>	Year
<b>Notes:</b>	-Course provides service to gifted education students	<b>Fee:</b>	None

This course is designed for students looking for a more rigorous Chemistry course and/or planning on taking AP Chemistry. This course goes into more depth of content and uses more math than the general chemistry course. Students pursuing careers such as engineering, medicine, or other science/math-related careers would take this course, as a strong math and science background is required. Also, would be the following topics: oxidation-reduction, equilibrium, solutions, ions in aqueous solutions and their properties, reaction energy, and kinetics.

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## AP CHEMISTRY

<b>Grade Level:</b>	11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Chemistry -Honors/Advanced Placement Intent Form	<b>Length:</b>	Year
<b>Notes:</b>	-Course provides service to gifted education students	<b>Fee:</b>	AP Exam Fee

The Chemistry AP course is designed to be the equivalent of a college introductory chemistry course usually taken by chemistry majors during their first year of college. After showing themselves to be qualified on the Advanced Placement Examination, some students, as college freshmen, are permitted to undertake upper-level courses in chemistry or register for courses for which chemistry is a prerequisite. **Students are expected to complete any summer assignments prior to the first day of the course.**

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## ANATOMY AND PHYSIOLOGY

<b>Grade Level:</b>	11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Biology -Chemistry or Conceptual Chemistry at the same time	<b>Length:</b>	Year
		<b>Fee:</b>	None

Students will build on knowledge learned in biology and focus specifically on the various parts of the body systems (anatomy) and their functions (physiology). Through lecture, labs, and activities, students will learn how different organ systems work in the human body. This course is recommended for students interested in pursuing a career in the health care professions. Some dissections will be performed.

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## ENVIRONMENTAL SCIENCE

<b>Grade Level:</b>	11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Biology -Chemistry or Conceptual Chemistry at the same time	<b>Length:</b>	Year
		<b>Fee:</b>	None

This is a course concerned with the development, understanding, and some practical applications in ecology. This is intended for students who want more science background without taking a more advanced class. Topics will include food webs and chains, ecosystems in the world, and problems of pollution and population, and the requirements for life and the limiting factors for organisms. **This course will require participation in outdoor investigations, activity, inquiry and project based learning.**

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## AP ENVIRONMENTAL SCIENCE

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Biology or chemistry -Honors/Advanced Placement Intent Form	<b>Length:</b>	Year
<b>Notes:</b>	-Course provides service to gifted education students	<b>Fee:</b>	AP Exam Fee

The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science that includes a laboratory and field investigation component. After showing themselves to be qualified on the Advanced Placement Examination, some students may qualify to receive college credit for a laboratory science course at selected universities. The goal of this AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and man-made, to evaluate the relative risks associated with these problems, and to examine potential solutions for resolving and/or preventing them. This course will require participation in outdoor field studies on and off-campus. Students may be asked to visit off-campus sites on their own time outside of normal school hours. **Students are expected to complete any summer assignments prior to the first day of the course.**

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## FORENSIC SCIENCE

<b>Grade Level:</b>	11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Biology -Chemistry or Conceptual Chemistry	<b>Length:</b>	Year
		<b>Fee:</b>	None

Forensic Science focuses on practices and analysis of physical evidence found at crime scenes. Students will learn the basic processes and principles of scientific thinking and apply this to solve problems. Topics include: forensic anthropology, DNA fingerprinting and analysis, toxicology, and hair and fiber analysis. The history of forensic services and their agencies, as well as how to process a crime scene and collect physical evidence will also be studied. Laboratory investigations and case studies will be included in this course.

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## PHYSICS

<b>Grade Level:</b>	11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Chemistry -Algebra II	<b>Length:</b>	Year
		<b>Fee:</b>	None

This course is designed primarily for college bound students who are not necessarily interested in a physics related field, but may be considering college majors in fields such as chemistry, biology, medicine, dentistry, veterinary medicine, pharmacy, health care, and nursing. Additionally, anyone interested in understanding natural phenomena through laboratory experimentation, reasoning, and mathematics will benefit. All of “Science” is encompassed by this conceptual physics course, and topics emphasized will be electricity, magnetism, light, sound, motion, force, energy, thermodynamics, and nuclear physics.

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## PRINCIPLES OF PHYSICS

<b>Grade Level:</b>	11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	Chemistry	<b>Length:</b>	Year
		<b>Fee:</b>	None

*Principles of Physics* is designed to lay the groundwork for the conceptual understanding of the main ideas in physics. This is done through hands on exploration of physics and student driven research. Topics include forces, energy, astronomy, relativity, quantum theory and historical perspective for those who made groundbreaking discoveries.

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## AP PHYSICS 1

<b>Grade Level:</b>	11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Chemistry/Honors Chemistry -Algebra II/Pre-calc at same time -Honors/AP Intent Form	<b>Length:</b>	Year
<b>Notes:</b>	-Course provides service to gifted education students	<b>Fee:</b>	● Scientific Calculator ● AP Exam Fee

This course is designed primarily for college-bound students who are not necessarily interested in a physics-related field, but may be considering college majors in fields such as chemistry, biology, medicine, dentistry, veterinary medicine, pharmacy, health care, and nursing. Additionally, anyone interested in understanding natural phenomena through laboratory experimentation, reasoning, and mathematics will benefit. *AP Physics 1* is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It will also introduce electric circuits. **Students are expected to complete any summer assignments prior to the first day of the course.**

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## AP PHYSICS 2

<b>Grade Level:</b>	11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	-AP Physics 1 -Honors/AP Intent Form	<b>Length:</b>	Year
<b>Notes:</b>	-Course provides service to gifted education students	<b>Fee:</b>	-Scientific Calculator -AP Exam Fee

The *AP Physics 2* course is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics. **Students are expected to complete any summer assignments prior to the first day of the course.**

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## ASTRONOMY

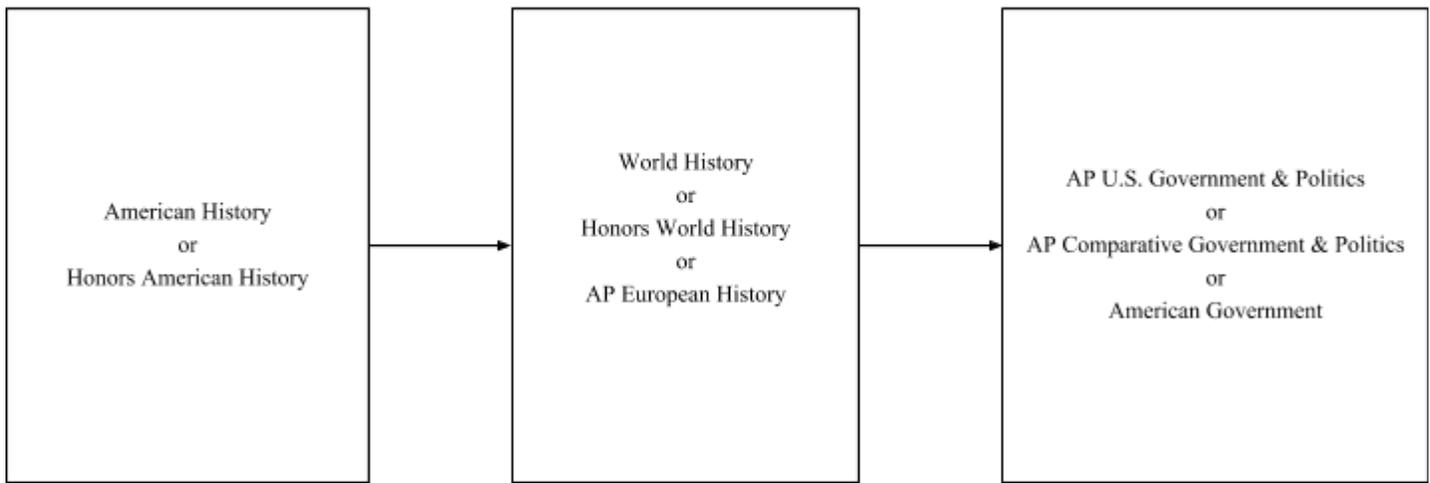
<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
		<b>Fee:</b>	None

This one-semester course is intended as a practical, hands-on guide to help you understand the formation of the solar system, unique features of planets, reasons for life on Earth, properties of stars and their evolution, characteristics of the Milky Way, types of galaxies, theories of cosmology, and advantages of space exploration.

## SOCIAL STUDIES

Three (3) credits of social studies are required for graduation.

Choose one class from each box below:



- AP = All students who take AP Courses must take the AP test.

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### AMERICAN HISTORY

<b>Grade Level:</b>	9	<b>Credit:</b>	1
<b>Prerequisite:</b>	None	<b>Length:</b>	Year
		<b>Fee:</b>	None

This course examines the history of the United States of America from 1877 to the present (as well as the original documents for the federation). The federal republic has withstood challenges to its national security and expanded the rights and roles of its citizens. The episodes of its past have shaped the nature of the country today and prepared it to attend to the challenges of tomorrow. Understanding how these events came to pass and their meaning for today's citizens is the purpose of this course. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions.

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## HONORS AMERICAN HISTORY

<b>Grade Level:</b>	9	<b>Credit:</b>	1
<b>Prerequisite:</b>	Established recommendation criteria	<b>Length:</b>	Year
<b>Notes:</b>	Course provides service to gifted education students	<b>Fee:</b>	None

This course is designed for ninth graders who have demonstrated exceptional reading and writing skills in the social sciences. It includes in-depth study of events that have impacted America in the post-Civil War years through the present. Emphasis will be placed on connections in history, appreciating divergent viewpoints and introducing the students to the discipline of historiography. The course will feature a multi-faceted approach, with careful examination of the political, economic and social effects of events in the United States. Students contemplating taking honors or Advanced Placement courses should consider taking this course.

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## WORLD HISTORY

<b>Grade Level:</b>	10	<b>Credit:</b>	1
<b>Prerequisite:</b>	American History	<b>Length:</b>	Year
		<b>Fee:</b>	None

This course examines world events from 1600 to the present. Students will explore the impact of the democratic and industrial revolutions, the forces that led to world domination by European powers, the wars that changed empires, the ideas that led to independence movements and the effects of global interdependence. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiples perspectives to draw conclusions.

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## HONORS WORLD HISTORY

<b>Grade Level:</b>	10	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Honors/Advanced Placement Intent Form	<b>Length:</b>	Year
<b>Notes:</b>	-Course provides service to gifted education students	<b>Fee:</b>	None

This course is designed for the advanced college prep student, and it uses a topical approach to the study of World History. It is challenging and thought-provoking, offers greater opportunity for individual achievement, goes into greater depth, and requires additional time and work than the regular World History course. Students seek to determine the major events and issues that have shaped the history of Western civilization from Renaissance through the modern world.

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**AMERICAN GOVERNMENT**

<b>Grade Level:</b>	11	<b>Credit:</b>	1
<b>Prerequisite:</b>	None	<b>Length:</b>	Year
		<b>Fee:</b>	None

In accordance with the Ohio Department of Education, this course is a requirement for graduation. How the American people govern themselves at the federal, state and local levels is the basis for this course. The students will analyze the Presidency, Congress, and the Supreme Court. A variety of classroom activities and discussion of current issues are utilized. Students can impact issues addressed by local governments through service learning and senior projects.

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**AP U.S. GOVERNMENT & POLITICS**

<b>Grade Level:</b>	11	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Honors/Advanced Placement Intent Form	<b>Length:</b>	Year
<b>Notes:</b>	-Course provides service to gifted education students	<b>Fee:</b>	-AP Exam Fee -AP Government Review Book

This is a comprehensive course that uses the perspective of political institutions to explore the history, organization, and functions of the United States Government. Students are encouraged to use their knowledge of the structures and processes of governing to develop their own views on current political issues and apply what they have learned with civic action. The course explores the relationship between individual Americans and our governing bodies. It takes a close look at the political culture of our country and gains insight into the challenges faced by presidents and members of Congress. It also covers the roles of political parties, interest groups, the media, and the Supreme Court, as well as contemporary study of civil rights and liberties. Students will learn analytical skills through careful study of current issues.

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## AP COMPARATIVE GOVERNMENT & POLITICS

<b>Grade Level:</b>	11	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Honors/Advanced Placement Intent Form	<b>Length:</b>	Year
<b>Notes:</b>	-Course provides service to gifted education students	<b>Fee:</b>	<ul style="list-style-type: none"><li>● AP Exam Fee for AP US Government</li><li>● AP Exam Fee for AP Comparative Government</li></ul>

This course introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics through in-depth study of China, Great Britain, Iran, Mexico, Nigeria, Russia as well as the United States. The course aims to illustrate the rich diversity of political life, to show available institutional alternatives and to explain differences in policy outcomes. Comparison assists both in identifying problems and analyzing policy making. Students will focus on the importance of global political and economic changes and their impact on United States policymaking. Students are required to take the *AP Comparative & Politics* Exam. For an additional exam fee, students have the option of also taking the *AP United States Government & Politics* exam, with the accompanying possibility of 6 college credits. **Students are expected to complete any summer assignments prior to the first day of the course.**

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## AP HUMAN GEOGRAPHY

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Honors/Advanced Placement Intent Form	<b>Length:</b>	Year
<b>Notes:</b>	-Course provides service to gifted education students	<b>Fee:</b>	AP Exam Fee

This reading intensive course is designed to study the historical and sociological, economical, and political forces, which shaped society. Students will learn about the methods and tools geographers use in their research and applications. Students will obtain a thorough understanding of the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. We will examine and discuss national and international policies, attitudes and their correlation to prevailing approaches of today global connectivity. The emphasis is on learning, discovering, and thinking critically. We will use scientific methods to explore any opposing views. All students enrolled in the course will be required to take the AP exam in May. **Students are expected to complete any summer assignments prior to the first day of the course.**

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## WORLD GEOGRAPHY

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	None	<b>Length:</b>	Year
		<b>Fee:</b>	None

Geography is the study of Earth's landscapes, peoples, places and environments. It is, quite simply, about the world in which we live. World Geography is unique in bridging the social sciences (human geography) with the natural sciences (physical geography). The World Geography course provides students with an introduction to both physical and cultural geography. After an introduction to geography, students study each major region of the world. For each region, students learn about the importance of the physical geography and its impact on the region's development. Students study cultural aspects of each region and examine the influence of geography on the cultural development of each region. In this course students will study world regions and apply the five themes of geography to each region. The regions we will study are: the US and Canada, Latin America, Europe, Russia and the Republics, Africa, Middle East and India, East Asia, and Southeast Asia.

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## GLOBAL ISSUES

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
		<b>Fee:</b>	None

This course provides a comprehensive understanding of contemporary social issues that are of concern in America and the world today. This course presents systematic and intriguing information about society and social issues. Topics that will be discussed in class range from marriage and family, divorce, poverty, population issues, aging, environmental issues, immigration, discrimination, addictions, cults, and genocide.

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## CENTURY OF CONFLICT

<b>Grade Level:</b>	11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
		<b>Fee:</b>	None

This course will cover the 20<sup>th</sup> Century conflicts focusing on World War I, World War II and the Cold War. This course will look at the causes, course, and consequences of the First and Second World War from a global perspective. In addition to the study of strategy, operations and tactics, we will also give extended attention to the war's impact on the societies that waged it; e.g., the mobilization of the home fronts to sustain the war effort, the experience of enemy occupation (including the Holocaust), and the strategic bombing offensives. This course will also examine the predicament of a Europe ruined by war, caught between the might of the United States and the Soviet Union during the Cold War period. This course will require students read a number of biographies and accounts of these events.

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## AP EUROPEAN HISTORY

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Honors/Advanced Placement Intent Form	<b>Length:</b>	Year
<b>Notes:</b>	-Course provides service to gifted education students	<b>Fee:</b>	AP Exam Fee

The study of European History in modern times (1300-present) introduces students to cultural, political and social developments that played a fundamental role in shaping the world in which we live today. The goals are to develop an understanding of the principal themes in modern history, an ability to analyze historical evidence, and an ability to express that understanding and analysis in writing. Students should have a strong background and ability in the areas of analytical writing and reading with the suggestion that students have taken and successfully completed at least an Honors History and/or Honors English course. Students will also be required to take the AP exam in the spring. **Students are expected to complete any summer assignments prior to the first day of the course.**

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## AP MICRO ECONOMICS

<b>Grade Level:</b>	11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	-Honors/Advanced Placement Intent Form	<b>Length:</b>	Semester
<b>Notes:</b>	-Course provides service to gifted education students	<b>Fee:</b>	AP Exam Fee

This course is designed to give students a thorough understanding of the principles of economics that apply to the economic system. It is designed to empower the student to use reasoning in their decision-making process. The course emphasizes economic reasoning, supply and demand, basic market structures and their impact on consumers and how government policies can improve market outcomes. The students will analyze principles and theories through logical deductive and inductive reasoning. **Students are expected to complete any summer assignments prior to the first day of the course.**

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## AP MACRO ECONOMICS

<b>Grade Level:</b>	11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	-Honors/Advanced Placement Intent Form	<b>Length:</b>	Semester
<b>Notes:</b>	-Course provides service to gifted education students	<b>Fee:</b>	AP Exam Fee

This course is designed to give students a thorough understanding of the principles of economics that apply to the economic system. It is designed to empower the student to use reasoning in their decision-making process. The course emphasizes supply and demand, the price system, fiscal and monetary policies, the study of national income, economic performance measures, and international and national economic trends. The students will analyze principles and theories through logical deductive and inductive reasoning. **Students are expected to complete any summer assignments prior to the first day of the course.**

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## AP U.S. HISTORY

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Honors World History -Honors/Advanced Placement Intent Form	<b>Length:</b>	Year
<b>Notes:</b>	-Course provides service to gifted education students	<b>Fee:</b>	AP Exam Fee

This is a course for the advanced college prep student which is reading intensive and requires a more analytical approach to the study of American History. The Advanced Placement student will participate in the AP Exam experience near the conclusion of the course. A major course objective is the preparation for student success in the venture. The AP course will include the study of the American experience from Colonial times through the Cold War era. **Students are expected to complete any summer assignments prior to the first day of the course.**

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## PSYCHOLOGY

<b>Grade Level:</b>	11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
		<b>Fee:</b>	None

This course provides the students with an inquiry into the subject of human behavior. The course includes learning about the factors that shape one's actions, emotions, and attitudes. Special emphasis is placed on the role of the adolescent in society and their search for personal identity in our increasingly depersonalized world.

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## ABNORMAL PSYCHOLOGY

<b>Grade Level:</b>	11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
		<b>Fee:</b>	None

This course will provide students with an introduction to the broad spectrum of psychopathological conditions, as defined and organized by the DSM-5. This course will use an integrative approach toward the study of abnormal psychology including the interaction of biological, psychological, and social factors. Emphasis will be placed on the clinical description, diagnoses and treatments of the major disorders. Case studies will be utilized to supplement understanding and provide examples of how psychological disorders are manifested in individual lives.

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## AP PSYCHOLOGY

<b>Grade Level:</b>	11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Honors/Advanced Placement Intent Form	<b>Length:</b>	Year
<b>Notes:</b>	-Course provides service to gifted education students	<b>Fee:</b>	AP Exam Fee

AP Psychology is a college-level introductory course designed to prepare students for the AP exams given in May. Students will identify and discuss the major psychological theories that are used to explain tendencies and behaviors in human populations. Areas of study include research and methods, historical perspectives, neuroscience, bio-psychosocial, and sociocultural perspectives. Through the study of psychology, students will demonstrate a greater awareness and appreciation of individual and group differences in the world society. **Students are expected to complete any summer assignments prior to the first day of the course.**

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## AFRICAN AMERICAN STUDIES

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2 (this is an online course)
<b>Prerequisite:</b>	-None	<b>Length:</b>	Semester
<b>Notes:</b>	-This course is not NCAA approved	<b>Fee:</b>	None

Throughout US history, African Americans have faced great adversity in the form of enslavement and institutional racism. They fought for their freedom and worked to right a broken system, but their struggle continues today. This course studies the treatment of enslaved Africans as they were brought to America, the prejudices African Americans have experienced, and their important role in the social, political, and economic development of the United States.

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## ECONOMICS

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2 (this is an online course)
<b>Prerequisite:</b>	-None	<b>Length:</b>	Semester
<b>Notes:</b>	-This course is not NCAA approved	<b>Fee:</b>	None

Economics is a social science that examines how goods and services are created, consumed, and exchanged. This course covers basic economic problems such as scarcity, choice, and effective use of resources. It also covers topics on a larger scale such as market structures and international trade. It particularly focuses on the US economy and analyzes the role of the government and the Federal Reserve System.

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## CONTEMPORARY NATIVE AMERICAN STUDIES

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2 (this is an online course)
<b>Prerequisite:</b>	-None	<b>Length:</b>	Semester
<b>Notes:</b>	-This course is not NCAA approved	<b>Fee:</b>	None

This course examines the social, economic, religious, and political issues that Native Americans face in today's world. It looks at several Native American professionals and their efforts to eradicate the negative stereotypes that still surround Native American cultures. The course also sheds light on the important contributions that Native Americans have made to art and spirituality. And it demonstrates how both Native American traditions and the fight for Native American civil rights have shaped the history and social fabric of the United States.

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## INTRO TO PHILOSOPHY

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2 (this is an online course)
<b>Prerequisite:</b>	-None	<b>Length:</b>	Semester
<b>Notes:</b>	-This course is not NCAA approved	<b>Fee:</b>	None

This one-semester course is intended as a practical guide to help you understand the subject matter of philosophy, its main branches, and the major ideas and issues discussed in each branch. Students will be able to understand the subject matter of philosophy and key contributions by major philosophers; explore the major branches of philosophy; learn about the beginnings of philosophical questioning; discuss the development of contemporary metaphysics; discuss the rationalist ideas and philosophers within epistemology; explore the fundamentals of logic; learn methods of argument; philosophy of art; theory of moral systems; discuss the fundamental concepts of social philosophy; discuss key concepts and issues in political philosophy; explore the field of bioethics; and finally, philosophy in the fields of finance and business.

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## INTRO TO WORLD RELIGIONS

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2 (this is an online course)
<b>Prerequisite:</b>	-None	<b>Length:</b>	Semester
<b>Notes:</b>	-This course is not NCAA approved	<b>Fee:</b>	None

This one-semester course is intended to help you understand the origin, beliefs, and practices related to various world religions. The lessons cover the following topics: concept of religion and different approaches to studying world religions; origins, beliefs, and practices related to some primal religions; origins, beliefs, and practices related to various world religions and the origins, beliefs, and practices related to some contemporary religious movements.

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## SOCIOLOGY

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2 (this is an online course)
<b>Prerequisite:</b>	-None	<b>Length:</b>	Semester
<b>Notes:</b>	-This course is not NCAA approved	<b>Fee:</b>	None

This one-semester elective course is intended as a practical, hands-on guide to introduce you to the field of sociology. You will explore the evolution of sociology as a distinct social science, learn about sociological concepts and processes, and discuss how the individual relates to society. You will also learn about the influence of culture, social structure, socialization, and social change today.

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## ANTHROPOLOGY

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2 (this is an online course)
<b>Prerequisite:</b>	-None	<b>Length:</b>	Semester
<b>Notes:</b>	-This course is not NCAA approved	<b>Fee:</b>	None

This one-semester elective course is intended as a practical guide to introduce you to the field of anthropology. You will explore the evolution of anthropology as a distinct discipline, learn about anthropological terms, concepts and theories, and discuss the evolution of humans and human society and culture. Students will also learn about social institutions, such as marriage, economy, religion, and polity.

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**ARCHEOLOGY**

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2 (this is an online course)
<b>Prerequisite:</b>	-None	<b>Length:</b>	Semester
<b>Notes:</b>	-This course is not NCAA approved	<b>Fee:</b>	None

This one-semester course is intended as an engaging and practical survey of the field of archeology. The course will cover: the history and evolution of modern archaeology, how modern archaeology differs from traditional archaeology; the techniques and methods used in archaeology; types of archaeological evidence; methods used for identifying and surveying archaeological sites; archaeological site excavation; methods of recovering artifacts; identifying age of artifacts with dating techniques; familiarize students with ways of preserving and storing archaeological finds; examine the methods archaeologists use to share archaeological findings with people; ethical and practical considerations in public archaeology; finally, looking at ways of protecting archaeological sites from vandalism and illegal trade.

## STUDENT SERVICES

### AFFECTIVE EDUCATION

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2 (this is a pass/fail course)
<b>Prerequisite:</b>	-Teacher recommendation	<b>Length:</b>	Year
<b>Notes:</b>	-Course may be repeated for credit	<b>Fee:</b>	\$5.00

Affective Education is a course to help students develop necessary skills for independent life. This course provides lifelong growth and knowledge in the areas of social, behavioral, and emotional skills. Through this class students will learn coping strategies, independent life skills, time management and study skills to succeed. Our goal is to provide a curriculum within a small group setting to enable students to be a successful contributing member of society.

### CAREER SKILLS AND READINESS

<b>Grade Level:</b>	11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	Teacher recommendation	<b>Length:</b>	Semester
		<b>Fee:</b>	\$10.00

To support students with individual skills for postsecondary and employment. Partnership with local communities and businesses to create work experiences for non-traditional students. With the goal of helping students acquire the skills to secure and maintain employment after they leave high school. Transition students learn to ride public transportation, budget earnings, behave appropriately in public, follow directions and more.

### ELL - ENGLISH LANGUAGE LEARNERS

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	-Established recommendation criteria	<b>Length:</b>	Semester
<b>Notes:</b>	-Course may be repeated for credit	<b>Fee:</b>	None

Students enrolled in this course must meet eligibility criteria.

### LEADERSHIP CONCEPTS

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2 (this is a pass/fail course)
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
		<b>Fee:</b>	None

Leadership Concepts is a semester course that helps students positively impact their family, school and community. Our world is increasing in complexity during ever increasing change. These factors call for effective leadership. Based in Bowen Systems Theory, Leadership Concepts will help students to be more effective leaders. This course will allow students to see differently, think differently, and ultimately lead differently. Students who are interested in leadership and personal growth are strongly encouraged to take this course.

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**STUDENT COUNCIL**

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1 (this is a pass/fail course)
<b>Prerequisite:</b>	Application	<b>Length:</b>	Year
<b>Notes:</b>	Course may be repeated for credit	<b>Fee:</b>	None

Student Council, a prominent student government organization, gives students a voice in determining school activities and environment. It helps promote activities for the entire student body and fosters a positive climate throughout the school. To be eligible, a student must apply and have recommendations recognizing leadership potential. Since Student Council is modeled on our representative form of government and is intended to promote leadership skills, members are encouraged to attend leadership-training activities in the district as well as state and national workshops and conventions. Members plan and organize activities and all homecoming events, including the dance, parade, assembly, and spirit week activities. This class will provide students with the knowledge and skills necessary to become well educated, literate individuals in real-world applications. Through participation in such activities, students will work to become critical thinkers, problem solvers, responsible and productive citizens, self-directed learners, and effective communicators.

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**TEAMMATES**

<b>Grade Level:</b>	11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
<b>Notes:</b>	Course may be repeated for credit	<b>Fee:</b>	None

Teammates is a class where students actively participate in physical learning experiences through various sports and activities. General education students serve as a support for students with disabilities in the physical education environment. Students deemed eligible by the IEP team can receive a PE credit and general education students receive an elective credit.

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## TRANSITIONS I

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
<b>Notes:</b>	Course may be repeated for credit	<b>Fee:</b>	None

The Transition I class is designed to help students with academic, study and life skills. We want students to have a smooth transition from middle school to high school. We will help students login to progressbook and create student accounts, this will help with grade checks and upcoming assignments. The database we will use in this class is Ohio Career Information System. Our students will begin their four year online portfolio which will help obtain jobs and guide life decisions for after high school. We will cover resume writing, mock interviews, job applications and career options. If our students do not already have a job and would like to seek employment, we will help them with applications and placement. We will also assist with how to go about obtaining their driver's permit. It is a half credit course each semester. The objective of the class is to help students prepare for life after high school, whether it is heading off to college, entering a technical program, or getting a job that will allow them to earn a living wage.

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## TRANSITIONS II

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
<b>Notes:</b>	Course may be repeated for credit	<b>Fee:</b>	None

The Transition II class is designed to help students with academic, study and life skills. We will cover resume writing, budgeting, mock interviews, career options, Career Program options through the Six District Compact Program, CVS Learning Center, apprenticeships/internships and more. There will be field trips to the CVS Regional Learning Center. The CVS field trip allows students to earn a cash register certification that is transferable to other job opportunities. Students who applied for a Six District Compact program MUST attend the field trip to desired program. For our juniors and seniors, if they do not already have a job and would like to seek employment, we will help them with applications and placement. It is a half credit course each semester. The objective of the class is to help students prepare for life after high school, whether it is heading off to college, entering a technical program, or getting a job that will allow them to earn a living wage.

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### TRANSITIONS III

<b>Grade Level:</b>	11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
<b>Notes:</b>	Course may be repeated for credit	<b>Fee:</b>	None

For our juniors and seniors, if they do not already have a job and would like to seek employment, we will help them with applications and placement. The class will hold employability workshops including; mock interviews, exploration of career fields, resume writing, soft skills for employment, etc. The objective of the class is to help students prepare for life after high school, whether it is heading off to college, entering a technical program, or getting a job that will allow them to earn a living wage.

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### JOBS FOR OHIO GRADUATES - JOG (NEW)

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	Must meet JOG entry criteria	<b>Length:</b>	Year
		<b>Fee:</b>	None

JOG is an in-school, classroom-based program for high school students concentrating on career development, employability, life and leadership skills. JOGS helps students pursue postsecondary education and secure quality entry-level jobs leading to career advancement opportunities.

## TECHNOLOGY EDUCATION

SMF's Technology Education Program promotes the information and application of the necessary skills in areas such as AutoCAD and Woodworking and STEM. The program is designed to prepare the student with the skills necessary for employment or the student may use the program as a step to obtaining a post-secondary degree in a technology field. All classes focus on the importance of teamwork, problem solving, and application of skills learned.

### WOODWORKING

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
		<b>Fee:</b>	\$50.00

This course is designed to offer students an introduction into the use and safe practices of hand tools and power equipment in the woodworking subject. Students will safely use appropriate materials, tools, equipment and procedures to carry out work on their own project. Students will have an appreciation of the woodworking subject through textbook assignments and hands-on projects.

### ADVANCED WOODWORKING

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	Woodworking	<b>Length:</b>	Semester
<b>Notes:</b>	Course may be repeated for credit	<b>Fee:</b>	\$50.00

Students will choose their own projects using books, magazines and the Internet. The student may also have the option to design their project using an appropriate drafting program. The student will also be responsible for calculating their material needs and cost. The student will choose approved project(s) that will challenge their knowledge in the woodworking subject.

### DRAFTING & COMPUTER DRAWING

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
		<b>Fee:</b>	\$25.00

This class is designed to provide basic learning of Manual Drafting and provides the learner with an understanding of a current drafting design program. The learner will develop the skills necessary to draw 3-view drawings, 2-dimensional drawings, and the basics of 3D modeling.

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## ADVANCED COMPUTER DRAWING & DESIGN

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	Drafting & Computer Drawing/AutoCAD Design	<b>Length:</b>	Semester
		<b>Fee:</b>	\$33.00

This course is designed to provide the learner with the knowledge to create drawing to be used for Architecture, Engineering and Construction while using and building on the skills learned in Drafting and Computer Design. This class is designed to prepare the student for employment as an Engineer Drawing Technician, employment in building construction, or the student may use it to obtain a post-secondary degree in a technology subject.

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## INTRODUCTION TO STEM

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
		<b>Fee:</b>	\$25.00

This course is a fundamental introduction to the STEM subjects for students in 9th-12th grade. Students who complete this course will learn the concepts needed to develop their ideas into solutions with a high emphasis on problem solving. Students will be given the opportunity to create 3-D printed models, learn the basics of video game design and develop an understanding of coding. Stimulating hands-on learning activities will apply Science, Technology, Engineering and Math content from other courses in a STEM experience.

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## STEM

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	Introduction to STEM	<b>Length:</b>	Semester
		<b>Fee:</b>	\$25.00

This course is an extension of the STEM/STEM 1 experience. The groundwork of engineering in STEM 1 has been implemented. Now the emphasis of Science and Technology will be the focus. Time will be utilized between 2 different teachers to maximize the learning experience.

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## VIDEO GAME DESIGN

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2
<b>Prerequisite:</b>	Introduction to STEM	<b>Length:</b>	Semester
		<b>Fee:</b>	None

This class will focus on Video Game Design. We will be focusing on learning to render in 3D, landscapes, characters/figures, and moveable objects to create gaming worlds. We will also learn to create real 3D objects from the computer designed models as part of a marketing campaign for your game.

## WORLD LANGUAGES

It is strongly recommended that the student maintain at least a “C” average or better to progress from Level 1 to Level 2 and from Level 2 to Level 3.

### FRENCH 1

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	None	<b>Length:</b>	Year
		<b>Fee:</b>	Workbook fee each year

Students will learn basic vocabulary and grammar elements of the French language focusing on the Parisian dialect. Students will build a knowledge base to function fundamentally in school, family and personal venues. They will explore regions and cultures of France and francophone countries while comparing the later to those of the U.S. By the close of the course, instruction will be conducted 70% in the target language.

### FRENCH 2

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	French 1	<b>Length:</b>	Year
		<b>Fee:</b>	Workbook fee each year

The course is a continuation of level I and conducted 80% in the target language. Students will reinforce and increase their vocabulary and learn more complex grammar structures focusing on the past tense and imperative of verbs. Stress will be placed on honing skills in reading, writing, listening, and speaking. Students will be presented with the importance of French in academics and in today’s global environment.

### FRENCH 3

<b>Grade Level:</b>	11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	French 2	<b>Length:</b>	Year
		<b>Fee:</b>	Workbook fee each year

Emphasis is placed on instruction and student dialogue in the target language at this level. Students will expand their vocabulary base to a higher register of idioms and expressions and include the subjunctive mood and the use of various verb tenses together. Students will demonstrate their abilities in more advanced levels of reading, writing, listening and speaking. They can communicate with native speakers in France and become exposed to authentic materials.

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## FRENCH 4

<b>Grade Level:</b>	12	<b>Credit:</b>	1
<b>Prerequisite:</b>	-French 3 -Credit Flex Application Process	<b>Length:</b>	Year
		<b>Fee:</b>	Workbook fee each year

French IV is offered as a credit flex only course (3 days per week). It is conducted entirely in French by the teacher and students. The course covers advanced grammar, vocabulary, literature and culture at a faster pace to prepare the students for college entrance exams. A stronger emphasis is placed on reading, writing, listening, speaking in the target language.

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## JAPANESE 1

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	None	<b>Length:</b>	Year
		<b>Fee:</b>	None

Japanese 1 is a basic introductory course in the study of the Japanese language and culture with primary emphasis on listening and speaking skills. Additional time is spent on reading and writing exercises, which focus on mastering the Hiragana writing system. A brief introduction to the Kanji character will also be included. Japanese geography, customs, and food will also be studied.

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## JAPANESE 2

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	Japanese 1	<b>Length:</b>	Year
		<b>Fee:</b>	None

This course builds on the grammar and vocabulary skills of Japanese 1 with a continued emphasis on listening, reading, speaking, and writing exercises utilizing the Katakana writing system. The Kanji characters will be taught. Japanese way of life, pop culture, and holidays will also be studied.

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## JAPANESE 3

<b>Grade Level:</b>	11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	Japanese 2	<b>Length:</b>	Year
		<b>Fee:</b>	None

Japanese 3 is an upper-level language course in which grammar skills will be refined. An emphasis will be placed on using these skills together with idiomatic expressions and useful cultural information to enable the student to use the language as a native speaker would in a variety of real situations. Time will be devoted to perfecting the skills of reading and writing of the Hiragana, Katakana, and Kanji characters. Japanese festivals, technology, and pop culture will be studied.

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## JAPANESE 4

<b>Grade Level:</b>	12	<b>Credit:</b>	1
<b>Prerequisite:</b>	Japanese 3	<b>Length:</b>	Year
		<b>Fee:</b>	None

An advanced-level course designed to perfect the language skills acquired during the previous years of study. An emphasis will be placed on speaking as well as the reading and writing of Kanji. A study of tourist attractions, holiday preparations, free time activities, and pop culture will also be studied. Time will be devoted to reading selected texts, which utilize the Hiragana, Katakana, and Kanji writing systems. Level 3 workbook will be used in this class.

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## SPANISH 1

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	None	<b>Length:</b>	Year
		<b>Fee:</b>	\$15.00 for novels

Spanish 1 is the foundation course for the study of the Spanish language and culture. The students will learn the basic structures for written and spoken communication. The study of various cultures of the Spanish-speaking world as well as Hispanic communities in the United States is also part of the curriculum. Students will make comparisons to their own language and culture and will make connections to other disciplines.

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## SPANISH 2

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	Spanish 1	<b>Length:</b>	Year
		<b>Fee:</b>	\$15.00 for novels

Spanish 2 continues the study of language and culture; students will increase their listening and reading comprehension of Spanish as well as advance their writing and speaking skills in personal communication. They will expand their vocabulary, the use of verb tenses, and continue the study of the cultures of the Spanish-speaking world.

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### SPANISH 3

<b>Grade Level:</b>	10, 11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	Spanish 2	<b>Length:</b>	Year
		<b>Fee:</b>	\$15.00 for novels

Spanish 3 is an upper-level course that requires students to study grammar and vocabulary independently. Students will devote an average of 20 minutes a night to independent study in addition to homework. Students will build upon skills mastered in lower levels and learn additional verb tenses and vocabulary for use in spoken and written communication. Students will also work to improve their reading comprehension through analysis of novels, short stories and authentic articles from the Spanish speaking world. Students will explore the attitudes and culture of Spanish-speaking countries by studying the traditions, cuisine, art, and artists of various Spanish-speaking countries. Students will develop listening and speaking skills for real-life situations.

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### SPANISH 4

<b>Grade Level:</b>	11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	Spanish 3	<b>Length:</b>	Year
		<b>Fee:</b>	\$20.00 for novels

Spanish IV is an upper-level course that includes advanced work in all aspects of language study as the students work towards refining listening, speaking, reading and writing skills. Students will devote an average of 20 minutes a night to independent study in addition to homework. Students will build upon skills mastered in lower levels and learn additional verb tenses and vocabulary for use in spoken and written communication. They will study the traditions, culture and literature of various Spanish-speaking countries. Students will polish their speaking and writing skills. They will read and analyze authentic literature and articles. Spanish IV provides students with a foundation for AP Spanish and college level courses. It also prepares students for college placement exams.

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### AP SPANISH

<b>Grade Level:</b>	11, 12	<b>Credit:</b>	1
<b>Prerequisite:</b>	-Spanish 3 (A average) -Spanish 4 -Honors/Advanced Placement Intent Form	<b>Length:</b>	Year
<b>Notes:</b>	-Course provides service to gifted education students	<b>Fee:</b>	-AP Exam Fee each year -Workbook fee each year

This advanced course is designed for students who wish to develop proficiency and integrate their language skills using authentic materials and sources. The AP Spanish Language course is conducted completely in Spanish and it is designed to prepare students for the AP Spanish Language Exam and advanced college-level courses. The course will include an in-depth grammar review, study of Hispanic culture and extensive practice in listening comprehension, speaking, reading and advanced writing skills. The course will incorporate authentic literature from Spain, Latin America and the United States. **Students are expected to complete any summer assignments prior to the first day of the course.**

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**CHINESE 1A – SEMESTER 1**

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2 (this is an online course)
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
		<b>Fee:</b>	None

Students begin their introduction to Chinese with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. The course represents an ideal blend of language learning pedagogy and online learning. As students begin the course, they construct their own Avatar that accumulates “Avatar bucks”—by performing well on course tasks—to use to purchase materials (clothing, gadgets, scenery, etc.) at the “Avatar store”. Each week consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Chinese-speaking countries.

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**CHINESE 1B – SEMESTER 2**

<b>Grade Level:</b>	9, 10, 11, 12	<b>Credit:</b>	1/2 (this is an online course)
<b>Prerequisite:</b>	None	<b>Length:</b>	Semester
		<b>Fee:</b>	None

A continuation of Chinese 1A from first semester: Students begin their introduction to Chinese with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. The course represents an ideal blend of language learning pedagogy and online learning. As students begin the course, they construct their own Avatar that accumulates “Avatar bucks”—by performing well on course tasks—to use to purchase materials (clothing, gadgets, scenery, etc.) at the “Avatar store”. Each week consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Chinese-speaking countries.

## GRADUATION CREDIT WORKSHEET

This worksheet may be helpful in course/schedule planning.

Name:				Student ID:					
Required Credits		Grade 9	Credit	Grade 10	Credit	Grade 11	Credit	Grade 12	Credit
English	4	English 9	1	English 10	1	English 11	1	English 12	1
Social Studies	3	American History	1	World History	1	American Govt	1		
Math	4	Math	1	Math	1	Math	1	Math	1
Science	3	Science	1	Science	1	Science	1		
Physical Education or Equivalent*	1/2	Physical Education or Equivalent*	1/4	Physical Education or Equivalent*	1/4				
Health	1/2	Health may be taken at any grade level (9-12)							
Financial Literacy	1/2	Financial Literacy may be taken at any grade level (9-12)							
Electives	5 ½								
<b>TOTAL REQUIRED</b>	<b>21</b>	<b>TOTAL CREDITS</b>		<b>TOTAL CREDITS</b>		<b>TOTAL CREDITS</b>		<b>TOTAL CREDITS</b>	
<p>* Ohio Department of Education permits a student who participates in interscholastic athletics, band, or cheerleading for two full seasons to be exempt from the physical education course requirements. Students must earn ½ credit in another course.</p> <p>** Students must complete at least two semesters of fine arts taken any time in Grades 7-12. Students following a career-technical pathway are exempted from the fine arts requirement.</p>								21 credits to graduate	