

COURSE CATALOG

2022-2023

Stow-Munroe Falls High School

3227 E. Graham Road, Stow, Ohio 44224

330-689-5300 (main) 330-689-5303 (fax)

High School Website:

[Click here for the high school website](http://smfschools.org/2/home)
(<http://smfschools.org/2/home>)

District Website:

[Click here for the school district website](http://www.smfschools.org)
(www.smfschools.org)

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STOW-MUNROE FALLS CITY SCHOOLS

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Mrs. Kristie Prough	Assistant Superintendent

HIGH SCHOOL ADMINISTRATION

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

BOARD OF EDUCATION MEMBERS

Mrs. Nancy Brown
 Ms. Lisa Johnson-Bowers
 Mr. John Leissler
 Dr. Pamela Wind
 Mrs. Jessica Wright

HIGH SCHOOL COUNSELORS

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

HIGH SCHOOL PHONE NUMBERS

Main Office	330-689-5300
Counseling Office	Press 4
Athletic Office	330-689-5203
Fax	330-689-5303
Transportation Office	330-673-5234

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 students for 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, Modern Manufacturing for Employment, Culinary Arts & Catering Program, Career-Based Intervention, and The Engineering Academy. These programs cover a wide range of interests through the Six-District Educational Compact. The Course Catalog have descriptions of these programs.

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 before 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 before the end of the school year.

PART 2 – DEFINITION OF TERMS

This document uses different words, expressions, or symbols. The following terms or phrases are listed below for your reference.

AP:	AP indicates an Advanced Placement course.
Application:	The course requires an application for appropriate prerequisite fulfillment.
College Tech Prep:	These programs focus on high-skill, high-demand technical careers in a competitive global economy. An application is required.
Credit:	Students receive one (1) credit for a full-year course that requires in-class and out-of-class participation and meets five days a week for a school year. In addition, some subjects are awarded in fractional credits ($\frac{1}{4}$ or $\frac{1}{2}$) as determined by the number of minutes per year.
Credit Flexibility:	See the Credit Flexibility guidelines listed in the application located under the school counseling homepage.
Elective:	Courses that enhance a student’s plan of study and help explore future interests for career, college, and beyond
Honors/Advanced Placement Intent:	The 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 is required for parents and students at the annual meeting for the following year.
Prerequisite:	Requirements needed before 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. Students must earn $\frac{1}{2}$ credit in another course. Stow-Munroe Falls Board of Education has adopted this policy.
Required:	Curriculum necessary to achieve 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 courses and testing requirements. Any student who has not met the criteria for receiving a high school diploma will not 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 > Ohio Graduation Requirements > Honors Diploma

GRADUATION REQUIREMENTS

CREDIT REQUIREMENTS

<u>Credits</u>	<u>Subject</u>
----------------	----------------

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
	<u>Choice of:</u> Consumer Economics (Family & Consumer Science), Personal Financial Management (online course), Personal Economics

NOTES:

-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).

-Freshmen support course: Beginning with the Class of 2023, all Freshmen students who attend Stow-Munroe Falls High School are required to have a freshmen support class.

21	Total Credits
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STATE REQUIREMENTS

Students will also need to fulfill the latest state-related graduation requirements for their graduating class. These requirements can be found at www.education.ohio.gov > Graduation Requirements or by speaking with the student's counselor or grade-level administrator.

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 th required Math course)
Science	3 credits (Biology, Chemistry, an advanced science course)
Social Studies	3 credits (American History, World History, American 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] world language credits). 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.

SCHEDULE CHANGES

Type:	Dropping a Course	Changing a Level
Definition:	-Removing the course entirely	-Moving from one level to another level within the same course
Example:	-AP Lit to an art course	-AP Spanish to Spanish 4
Deadline:	-Have until the end of 1st week of school -After week 1, will remain in class until the end of Q1	-Have until the end of semester 1
Grades:	-Will receive a current grade for Q1 -Will receive a "W" for the final cumulative	-The grade transfers from sending course
Credits:	-Will not receive credit but will not be counted against (a W is not calculated as an F)	-Credit will be granted

PHYSICAL EDUCATION EQUIVALENCY

ODE permits students who participate 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.

SCHEDULING GUIDELINES

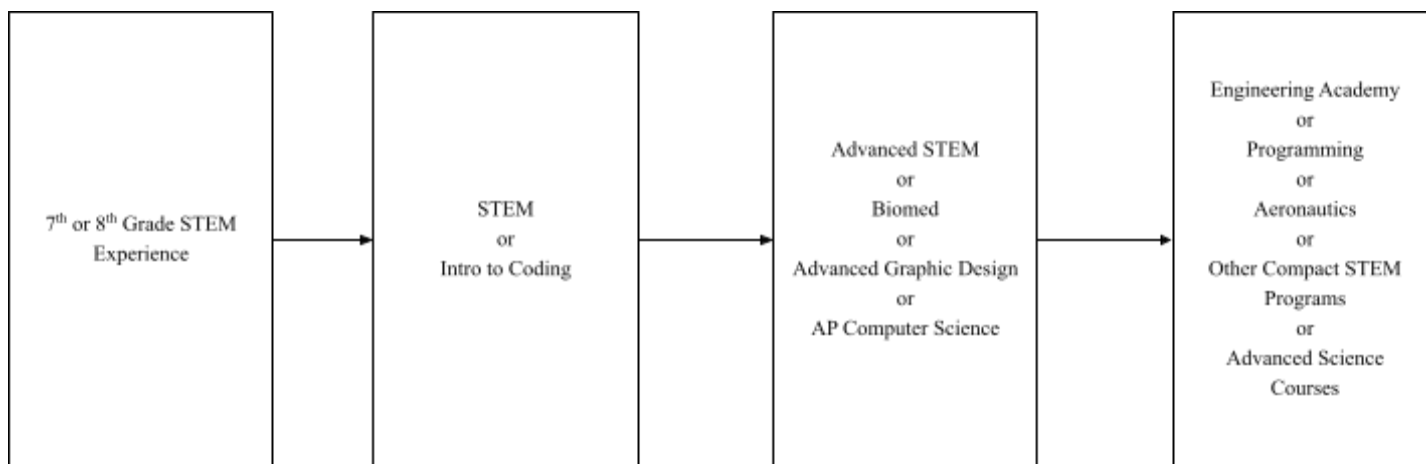
Students should carefully consider the courses they select when planning a schedule for the following year. Teachers, parents, and counselors help advise students on their course selections. In addition, all students must adhere to the following policies:

- 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 their 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. In addition, adding art courses is essential for 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:
 - Half (1/2) of the course must be completed by the end of the first semester
 - Online learning coordinator(s) have the authority to adjust the completion expectations
3. Grading:
 - a. Course grades will be entered using the quarters' average to get the final grade.
 - NOTE: The APEX grade book is separate from the official ProgressBook grade system used by the SMFHS.
 - 1st Quarters / 3rd Quarters: Students will receive an 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

[See the Apex Course Catalog for a complete listing of courses.](#)

PART 5 – COURSE OFFERINGS

COMPUTER & INFORMATION TECHNOLOGY

INTRO TO CODING

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

Grade Level:	10, 11, 12	Credit:	1
Prerequisite:	-Honors/Advanced Placement Intent Form -Intro to Programming is recommended	Length:	One year
Notes:	-Course provides service to gifted education students	Fee:	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. Students must take the AP Exam for this course.**

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.

PROGRAMMING AND SOFTWARE DEVELOPMENT (LEVELS 1 & 2) · STEM⁺

Grade Level:	10, 11, 12	Credit:	-Level 1: 3 -Level 2: 3
Prerequisite:	-Apply at www.sixdistrict.com -Math/logic skills and attention to detail	Length:	Two (2) years; three (3) periods per year
		Fee:	\$35.00 for BPA dues each year
Notes:	-These courses take place at SMFHS -College credit is 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 is necessary. College Credit and Career Pathway availability. For more information, see the Compact Career Catalog.

CULINARY ARTS

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

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

AERONAUTICS CAREERS ACADEMY – STEM⁺

Grade Level:	10, 11, 12	Credit:	See Notes
Prerequisite:	Apply at www.sixdistrict.com	Length:	Two (2) years
		Fee:	\$75.00 for books, uniforms, admission fees
Notes:	-These courses take place at SMFHS and KSU -College credit is 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 and other colleges and universities. For more information, see the Compact Career Catalog.

ENGINEERING ACADEMY – STEM⁺

Grade Level:	10, 11, 12	Credit:	See Notes
Prerequisite:	Apply at www.sixdistrict.com	Length:	Two (2) years with a third-year option for those accepted in 10 th grade
		Fee:	None
Notes:	-These courses take place at SMFHS and Kent Roosevelt -College credit is 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. In addition, 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, including team teaching, work teams, self-directed studies, and project-based learning, are used. University partners include Cleveland State University and The University of Akron. For more information, visit www.kentschools.net/engineeringacademy or see the Compact Career Catalog.

CAREER BASED INTERVENTION

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

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 skills to help students succeed in the workplace and ensure their success. In addition, students will participate in career awareness and explore their work attitudes. They may spend part of the day working either at the school or service sites in the community.

MODERN MANUFACTURING FOR EMPLOYMENT (MME) (NEW)

Grade Level:	11, 12	Credit:	See Notes
Prerequisite:	None	Length:	One or two years
		Fee:	None
Notes:	-11th-grade credit: English 1; Principles of Mechanical Systems Physics 1; MME Lab 3. -12th-grade credit: English 1; MME Lab 3.		

This two-year program allows students to start a pre-apprenticeship and leave school their senior year to begin work with a partnering manufacturing company upon meeting all requirements. MME has a partnership with Stark State College, and upon graduation, students may enroll in a full-time apprenticeship program. Content will focus on hands-on, work-based learning covering industrial safety, precision measurement, reading & creating mechanical drawings. As well as machine tools: cutting, drilling, and grinding of materials. Students also study mechanisms and drives such as electric motors, hydraulic pumps, and machine components such as gears, belts, & bearings, among others, and how they function together to accomplish the desired outcome. Employability skills are a focal point of English, Physics, and Lab content. All courses will work together to help students learn financial responsibility, interview, and communication skills, among others.

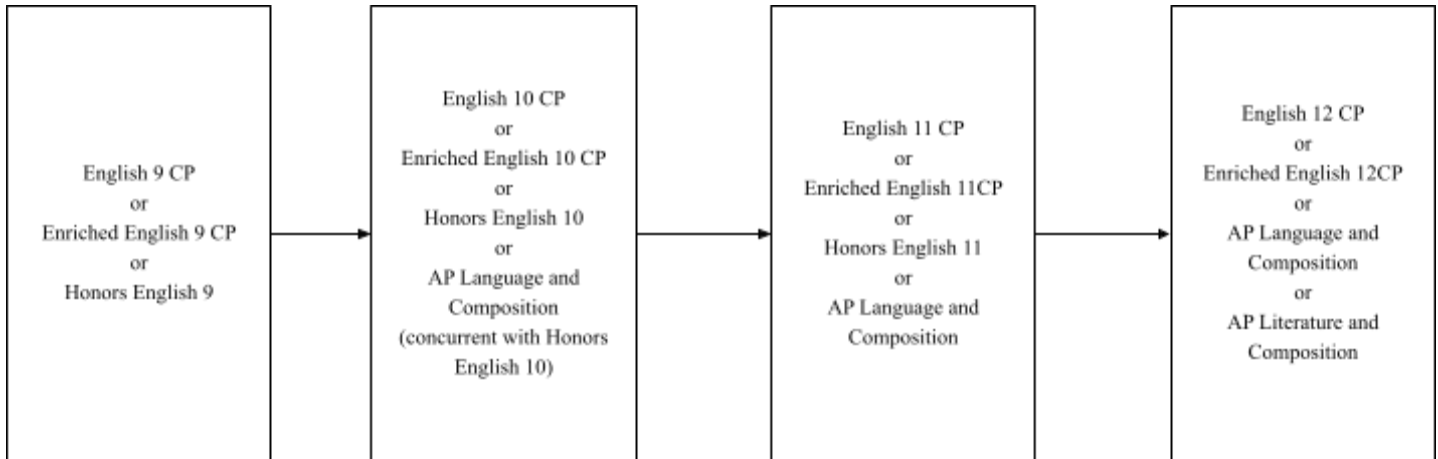
OTHER COLLEGE TECH PREP & CAREER PROGRAMS

See 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	Tallmadge
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 CISCO Security	Cuyahoga Falls	Marketing Management	Roosevelt
Teaching Professions	Roosevelt	Theater Arts Career Academy	Tallmadge
EntrepreNew Academy	Woodridge	Modern Communications	Cuyahoga Falls & Hudson
Modern Manufacturing for Employment (MME)	Stow-Munroe Falls	Medical Office & Business Management	Cuyahoga Falls
Aeronautics Career	Stow-Munroe Falls & Roosevelt	Culinary Arts	Stow-Munroe Falls
Programming & Software Development	Stow-Munroe Falls	Engineering Academy	Stow-Munroe Falls

ENGLISH

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



LITERACY FOUNDATIONS

Grade Level:	9 or teacher recommendation	Credit:	1
Prerequisite:	English 9 CP at the same time OR teacher recommendation	Length:	Year
		Fee:	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 the 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 bring students to grade-level mastery.

ENGLISH 9 CP

Grade Level:	9	Credit:	1
Prerequisite:	None	Length:	Year
		Fee:	None

This course is designed for college and career-ready students entering high school. Students 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 to teach students to locate, evaluate, and apply information from various sources. Students are encouraged to connect literary texts, informational texts, and real-world experiences.

ENRICHED ENGLISH 9 CP

Grade Level:	9	Credit:	1
Prerequisite:	None	Length:	Year
		Fee:	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 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 to teach students to locate, evaluate, and apply information from various sources. Students are encouraged to connect literary texts, informational texts, and real-world experiences.

HONORS ENGLISH 9

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

This course is for ninth graders identified as having exceptional English skills. It includes vocabulary study, composition, oral communication, visual literacy/listening, 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. Primary emphasis is placed on enhancing student ability to recognize how and why an author structures a text in the way they do.

ENGLISH 10 CP

Grade Level:	10	Credit:	1
Prerequisite:	English 9 CP	Length:	Year
		Fee:	None

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

ENRICHED ENGLISH 10 CP

Grade Level:	10	Credit:	1
Prerequisite:	Enriched English 9 CP	Length:	Year
		Fee:	None

English 10 CP 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 by applying usage principles. Writing techniques are taught by studying model compositions; students use these techniques through numerous writing experiences in the classroom. Reading, writing, oral communication, and visual literacy/listening skills are also stressed.

HONORS ENGLISH 10

Grade Level:	10	Credit:	1
Prerequisite:	Honors/Advanced Placement Intent Form	Length:	Year
Notes:	The course provides service to gifted education students	Fee:	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, emphasizing expository and analytical writing. All components of the state model will be stressed. Students continue to analyze a variety of literary genres, including short stories, novels, and plays and develop logical thinking skills.

ENGLISH 11 CP

Grade Level:	11	Credit:	1
Prerequisite:	English 10 CP	Length:	Year
		Fee:	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 understand further 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. In addition, students will learn more about words, grammar, and usage through these numerous writing assignments.

ENRICHED ENGLISH 11 CP

Grade Level:	11	Credit:	1
Prerequisite:	Enriched English 10 CP	Length:	Year
		Fee:	None

This course is required for college-bound students. The course correlates American history to American literature by studying famous American figures' novels, poetry, essays, short stories, drama, and biographies. This course develops a critical analysis and evaluation of prominent American authors using discussion and outside reading. Students learn to write book reviews and 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 provides knowledge about the structure, terminology, and use of the English language. In addition, students will engage in the research and writing process.

HONORS ENGLISH 11

Grade Level:	11	Credit:	1
Prerequisite:	Honors/Advanced Placement Intent Form	Length:	Year
Notes:	The course provides service to gifted education students	Fee:	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 American Literature. There will be a particular emphasis placed on critical and analytical writing. Students will explore American Literature from early Puritan writings to modern poetry, fiction, and nonfiction. In addition, students will write a research paper and participate in various speaking and listening skills.

ENGLISH 12 CP

Grade Level:	12	Credit:	1
Prerequisite:	English 11 CP	Length:	Year
		Fee:	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 and 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 and non-fiction authors. Speaking and listening skills will also be incorporated into the comprehensive course.

ENRICHED ENGLISH 12 CP

Grade Level:	12	Credit:	1
Prerequisite:	Enriched English 11 CP	Length:	Year
		Fee:	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 applications in the past. Outside reading is required. Students will write in various modes, including narrative, expository, descriptive, argumentative, and analytical. Speaking and listening skills will also be incorporated into the course.

AP ENGLISH LITERATURE & COMPOSITION

Grade Level:	12	Credit:	1
Prerequisite:	-Pre-AP English 11 -Honors/Advanced Placement Intent Form	Length:	Year
Notes:	-Course provides service to gifted education students	Fee:	-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 will come to this class with established skills in analysis and analytical writing, a solid technical vocabulary, and the ability to manage a significant workload. Students will study varying genres 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 will complete any summer assignments before the first day of the course. Students must take the AP Exam for this course.**

AP LANGUAGE & COMPOSITION

Grade Level:	10, 11, 12	Credit:	1
Prerequisite:	-Honors/Advanced Placement Intent Form -Strong interest in writing	Length:	Year
Notes:	-Course provides service to gifted education students	Fee:	-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 various periods' argumentative styles, purposes, strategies, and viewpoints. AP practice preparation is included. Selections from writers, artists, photographers, poets, and cartoonists may vary. AP test is mandatory. The 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. **Students will complete any summer assignments before the first day of the course. Students must take the AP Exam for this course.**

CREATIVE WRITING 1

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

This class is for anyone who expresses (or wishes to express) themselves 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 of creative written expression.

CREATIVE WRITING 2

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

This class is for anyone interested in studying the art and craft of writing and desiring to express themselves in a creative literary venue. Students will explore various writing genres (fiction, poetry, drama, for example) and more specific literary techniques through examination and application. The study will include reading examples selected from the genre and texts on the craft of writing. The application will consist of writing creative assignments related to the genre and or studied techniques.

JOURNALISM 1

Grade Level:	9, 10, 11, 12	Credit:	1
Prerequisite:	None	Length:	Year
		Fee:	None

Students enrolled in Journalism I will have the opportunity to work with the school's official newspaper, The Stohion, and publish their work on The Stohion's official website, Stohion.com. Fundamental principles and practices of media writings will be offered in this course. In addition, students will study the following fields related to media in present society: Historical Perspectives of a free and independent press in the United States. Law and Ethics and legal case studies 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.

JOURNALISM 2

Grade Level:	10, 11, 12	Credit:	1
Prerequisite:	Journalism 1	Length:	Year
		Fee:	None

Students will understand the organization, economics, and management of media staff as they become a member of the team of the high school's official newspaper, The Stohion, and 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. Throughout this course, they will explore career paths and further educational opportunities related to life skills. Students will work within the class, community, and other local newspapers to build a portfolio assessed at the end of the year and used as part of the application process for gaining an editor's position. Portfolios may also be used to gain entrance into college.

VIDEO JOURNALISM (NEW)

Grade Level:	9, 10, 11, 12	Credit:	1
Prerequisite:	None	Length:	Year
		Fee:	None

Students enrolled in Video Journalism will have the opportunity to work as members of The Bulldog Brief staff and develop and publish their passion projects about digital media. Students will have the chance to explore and develop critical 21st-century learning skills and learn fundamental principles of shooting, editing, and producing video. Students will also gain employability skills throughout the course, such as collaborating with others, adhering to strict deadlines, and developing and maintaining professional relationships. Students will work within the class, community, and other local media outlets to build a portfolio assessed at the end of the year and used as part of the application process for gaining an editor's position. Portfolios may also be used to gain entrance into college.

POPULAR CULTURE & MEDIA

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

This course traces the history and study of media popular culture through the last century from when mass communication and mass culture emerged in the United States. Students will examine their 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.

SPEECH & DEBATE

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

This course is designed to learn effective 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.

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

In this third course in the Speech and Debate sequence, students will analyze and apply specific formats for debate and logic and critical thinking processes, develop affirmative and negative case construction, and evaluate arguments. In addition, the study of historical speeches, the forensic of rhetoric, and the application of civil discourse for a better understanding of practical 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.

CLASSICAL MYTHOLOGY 1

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

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 Homer's Iliad and Odyssey sources. The course will also include precise writing and individual aid projects.

CLASSICAL MYTHOLOGY 2

Grade Level:	9, 10, 11, 12	Credit:	1/2
Prerequisite:	Classical Mythology 1	Length:	Semester
		Fee:	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. In addition, students will have a chance to read, research, and compare classical myths from multiple cultures while appreciating the unique qualities of art, literature, and vocabulary within. This class used to be a popular class when offered before with Classical Mythology.

YEARBOOK

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

This course has a dual purpose. First, teach students journalistic skills, precisely yearbook skills, and publish a quality yearbook. Second, to write in journalistic style and demonstrate knowledge of graphic design. The class emphasizes a publication plan, including marketing advertising opportunities in yearbooks, meeting time deadlines, and accurate content. In addition, students should develop a sense of good taste and mature judgment through theme development and content selection.

FILM STUDIES AND SCRIPT WRITING

Grade Level:	10, 11, 12	Credit:	1
Prerequisite:	None	Length:	Year
		Fee:	None

This class studies the techniques and history of film. Students will learn about film concepts, the role of story and process, and discuss the role of movies in our culture. While the film will be screened in class to underscore concepts, the course will include reflective essays, critiques, and analysis papers regarding the movie. The third quarter will cover scriptwriting. Students will study scripts, learn script formatting, and apply film concepts and techniques into original writings for film, television, and plays.

DIVERSE VOICES LITERATURE

Grade Level:	10, 11, 12	Credit:	1
Prerequisite:	None	Length:	Year
		Fee:	None

This class provides a view of the depth and breadth of life experience in the world today by reading stories, poems, and novels that reflect experiences and perspectives outside of the European/American/hetero-normative sphere. Readings will represent life viewed through the eyes of people of color, from the LGBTQ+ spectrum, and other diverse viewpoints. The class will involve significant reading, mature subject matter, and open-minded discussion.

FAMILY & CONSUMER SCIENCE

PRINCIPLES OF FOOD

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

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? Then, this is the class for you! Students will learn food selection criteria and apply preparation methods to promote a healthy lifestyle in this course. In addition, students will use 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

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

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 food class at SMFHS? If so, this is the class for you. This class is 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. The class places emphasis on managing time, ingredients, and equipment. In addition, students will apply standard recipe conversions using proper scaling and measurement techniques.

NUTRITION AND WELLNESS

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

Do you want to learn how to prepare healthy and nutritious recipes while simultaneously focusing on overall nutrient content and physical activity? Then, this is the class for you! Students will use nutrition principles to ensure a healthy body throughout the lifecycle in this course. An emphasis will be placed on planning and preparing meals to understand 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.

GLOBAL FOODS

Grade Level:	9, 10, 11, 12	Credit:	1/2
Prerequisite:	Principles of Food	Length:	Semester
		Fee:	\$40.00 for supplies

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

HUMAN GROWTH AND DEVELOPMENT

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

Have you ever wanted to learn how individuals develop throughout a lifetime? Are you interested in a career path in the Human Services focus area? Then, this course is for you! Students will analyze human growth and development throughout their lifespan in this course. The class emphasizes 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 between family and community.

CONSUMER ECONOMICS

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

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

CAREER AND COLLEGE READINESS

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

Are you 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. Students will develop effective learning strategies and skills to provide a strong foundation for lifelong learning in this course. Students will research jobs and occupations throughout the course, 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.

TEXTILES AND INTERIOR DESIGN

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

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 introductory introduction course 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 textiles and design. The emphasis will be on 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

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

Art 1 is an introductory course designed to introduce high school students to the visual arts. The class explores various media, focusing on the art elements and principles.

ART 2

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

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

DRAWING 1

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

Drawing 1 student's work primarily realistically, drawing from observation. Highly motivated art students will explore a wide variety of media.

DRAWING 2

Grade Level:	10, 11, 12	Credit:	1/2
Prerequisite:	Drawing 1	Length:	Semester
		Fee:	\$20.00 for supplies

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

FASHION DESIGN AND ILLUSTRATION 1

Grade Level:	10, 11, 12	Credit:	1/2
Prerequisite:	Art 1	Length:	Semester
		Fee:	\$20.00 for supplies

This course will focus on Fashion as an art form. Students will learn figure drawing techniques, illustrating clothing on the human form, and basic hand sewing techniques. In addition, students will use various media throughout the class and experiment with accessory creation.

FASHION DESIGN AND ILLUSTRATION 2

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

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

PAINTING 1

Grade Level:	9, 10, 11, 12	Credit:	1/2
Prerequisite:	Art 1	Length:	Semester
		Fee:	\$25.00 for supplies

The class explores various print media with continued emphasis on design and composition. Particular focus on color usage and manipulation of paint medium. Students will paint realistically and abstractly. Above-average art students should take this course.

PAINTING 2

Grade Level:	10, 11, 12	Credit:	1/2
Prerequisite:	Painting 1	Length:	Semester
		Fee:	\$25.00 for supplies

Painting 2 builds upon painting concepts and techniques explored in Painting 1, emphasizing the art elements and principles. In addition, the class incorporates greater sophistication and additional methods.

CERAMICS 1

Grade Level:	10, 11, 12	Credit:	1/2
Prerequisite:	Art 1	Length:	Semester
		Fee:	\$30.00 for supplies

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 from wet clay to a finished piece.

CERAMICS 2

Grade Level:	10, 11, 12	Credit:	1/2
Prerequisite:	Ceramics 1	Length:	Semester
		Fee:	\$30.00 for supplies

Ceramics 2 builds upon the methods and concepts developed in Ceramics 1. In addition, students will have an introduction to advanced ceramic techniques, including throwing on the wheel.

ADVANCED CERAMICS

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

Advanced Ceramics builds upon prior knowledge while furthering creativity, craftsmanship, and design skills. The course combines teacher-initiated projects and student-directed investigations emphasizing building studio ceramic art. Students should expect weekly homework assignments. In addition, each student develops concentration in creating a portfolio to showcase their skills and strengths in this course. This course may be repeated with teacher approval.

UPCYCLED ART

Grade Level:	9, 10, 11, 12	Credit:	1/2
Prerequisite:	Art 1	Length:	Semester
Notes:	Course may be repeated for credit	Fee:	\$20.00 for supplies

This art class will incorporate recycled and previously used objects to create new or “upcycled” artworks. 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, including sculptures, jewelry, collage, assemblage, etc. Students will be required to scavenge for some of their materials.

3-D DESIGN

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

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

GRAPHIC DESIGN

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

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

JEWELRY / METALS

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

Students will have the opportunity to employ a broad range of materials, including metal, to design and fabricate jewelry objects and art pieces. This class stresses quality design, craftsmanship, good work habits, and creative materials.

PHOTOGRAPHY 1

Grade Level:	9, 10, 11, 12	Credit:	1/2
Prerequisite:	None	Length:	Semester
		Fee:	\$30.00 for supplies

This course focuses on shooting a quality photograph and using the elements and principles of art and design. Students will learn how to compose and shoot pictures, import and export digital files, and manipulate them in Adobe Photoshop to achieve quality work. Photo history investigation will occur as we learn best by exploring the past and future. Outside work is required. The course requires a digital camera which may be a dedicated camera or a smartphone camera.

PHOTOGRAPHY 2

Grade Level:	10, 11, 12	Credit:	1/2
Prerequisite:	Photography 1	Length:	Semester
		Fee:	\$30.00 for supplies

Working from the knowledge gained in Photography 1, the Elements of Art and Principles of Design, and the basics of Adobe Photoshop, we will continue to explore other processes in the Photographic world. We will start with camera basics and film exposure and then combine film and digital photography. Some basic video concepts will be explored and incorporated into photographs, such as Stop-Frame animation, GIF animation, Cinemograph construction, and historical construction of Zoetropes. Commercial Illustration will also be addressed, with basic still life design and lighting. A 35mm film camera is not required but helpful.

AP STUDIO ART: PHOTOGRAPHY

Grade Level:	12	Credit:	1
Prerequisite:	-Honors/AP Intent Form -Honors Photography	Length:	Year
Notes:	-Course provides service to gifted education students	Fee:	-\$75.00 for supplies -AP Exam Fee

This class focuses on studio photography or photojournalism for college-bound students. Students will produce working portfolios using various digital photography and darkroom work techniques. This course requires students to create works for the Scholastic Art Awards and 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. This course requires a digital single-lens reflex camera (DSLR). We expect students to complete projects during the summer before course entry. **Students will complete any summer assignments before the first day of the course. Students must take the AP Exam for this course.**

HONORS PHOTOGRAPHY

Grade Level:	11, 12	Credit:	1
Prerequisite:	-Honors/AP Intent Form -Photography 2 -Photography 1	Length:	Year
Notes:	-Course provides service to gifted education students	Fee:	\$60.00 for supplies

This course builds on Photography 1, 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 three megapixels is required. We expect students to complete projects during the summer before course entry.

HONORS ART AND DESIGN

Grade Level:	11, 12	Credit:	1
Prerequisite:	-Art 1 -Honors/AP Intent Form	Length:	Year
Notes:	-Course provides service to gifted education students	Fee:	\$95.00 for supplies

This course focuses on accelerated art students considering college options in art. Students will focus on developing a personal style by working independently and in groups, including creating a portfolio.

AP ART AND DESIGN (DRAWING)

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

AP Art and Design (Drawing): is designed for the college-bound student interested in an art career. Students will develop a portfolio with works in various mediums by working with the instructor. In addition, students must produce a portfolio for the AP Studio Art: Drawing Exam, demonstrating mastery in 3 categories: Quality, Breadth, and Concentration. The course expects students to complete projects during the summer before course entry. **Students must take the AP Exam for this course.**

AP ART HISTORY

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

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 relation to its impact on the art that followed. Actual art creation is on a practical level only. Students must take the AP Art History exam and may earn college credit. This course is an excellent option for AP-level students who still need to earn an Art credit. **Students must take the AP Exam for this course.**

UNDERSTANDING ART AND ART HISTORY

Grade Level:	9, 10, 11, 12	Credit:	1/2
Prerequisite:	None	Length:	Semester
Notes:	None	Fee:	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 significant. This companion class to Appreciating Art focuses on different themes and subject matter.

APPRECIATING ART AND ART HISTORY

Grade Level:	9, 10, 11, 12	Credit:	1/2
Prerequisite:	None	Length:	Semester
Notes:	None	Fee:	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 significant. This companion class to Understanding Art focuses on different themes and subject matter.

FINE ARTS – PERFORMING

ACTING

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

This course introduces and familiarizes students with 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. A mandatory course requirement is the performance hours served outside the regular school day.

ADVANCED ACTING

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

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

STAGECRAFT AND THEATER DESIGN

Grade Level:	9, 10, 11, 12	Credit:	1
Prerequisite:		Length:	Year
Notes:	-Course may be repeated for credit	Fee:	\$35.00 for lab supplies and field trips

This course focuses on the theatrical performance's traditionally "backstage" areas. Students will explore a variety of theatrical technologies, including lighting, sound, and construction techniques. In addition, students will be responsible for the setup and tear-down of various in-school programs and 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. Students may enroll in this course for four years, one credit per year.

BAND

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

This course presents 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. Upon completing football season, students will audition for placement in one of the concert bands. Each concert band is ability-based so students can progress at their achievement levels. As with marching bands, 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:	The level focuses on a continuation of middle school concepts. In addition, the class emphasizes the concepts of tone quality, intonation, rhythm, and musicality.

HONORS BAND

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

The goal of band honor credit is to improve student musicianship. The directors have included various weighted activities 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.

CHORALE - TENOR/BASS

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

This class presents an introduction to the fundamentals of choral music. The main focuses of the course are vocal tone production, sight-reading, learning diverse choral repertoire from varying periods and cultures, and the tenor/bass voice. No audition required.

CHORALE - SOPRANO/ALTO

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

Chorale for Soprano/Alto presents an introductory course that studies the fundamentals of choral music. The main focuses of the class are vocal tone production, sight-reading, learning diverse choral repertoire from varying periods and cultures, and music for soprano/alto voices solely. No audition is required.

CONCERT CHOIR

Grade Level:	9, 10, 11, 12	Credit:	1
Prerequisite:	Audition	Length:	Year
Notes:	Course may be repeated for credit	Fee:	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 class focuses on students wishing to study and perform demanding literature. A minimum of three concerts, participation at the OMEA Large Group contest, and a minimal number of after-school rehearsals are required.

TREBLE CHOIR

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

Treble Choir examines music for students who do not have room in their schedule for Concert Choir but are still interested in the singing of 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

Grade Level:	9, 10, 11, 12	Credit:	1
Prerequisite:	-Previous instrument experience or audition	Length:	Year
Notes:	-Course may be repeated for credit	Fee:	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 to participate in daytime school rehearsals and after-school events. Students have extra performance opportunities such as community performances and OMEA Solo and Ensemble. Previous instrument experience encouraged but not required. 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	This level offers an opportunity to perform music with a large group and develop solo and accompaniment rehearsal and performing skills. These students should be taking private lessons outside of class.
String	This level presents an opportunity to learn and perform more advanced orchestra literature and solo and chamber music.

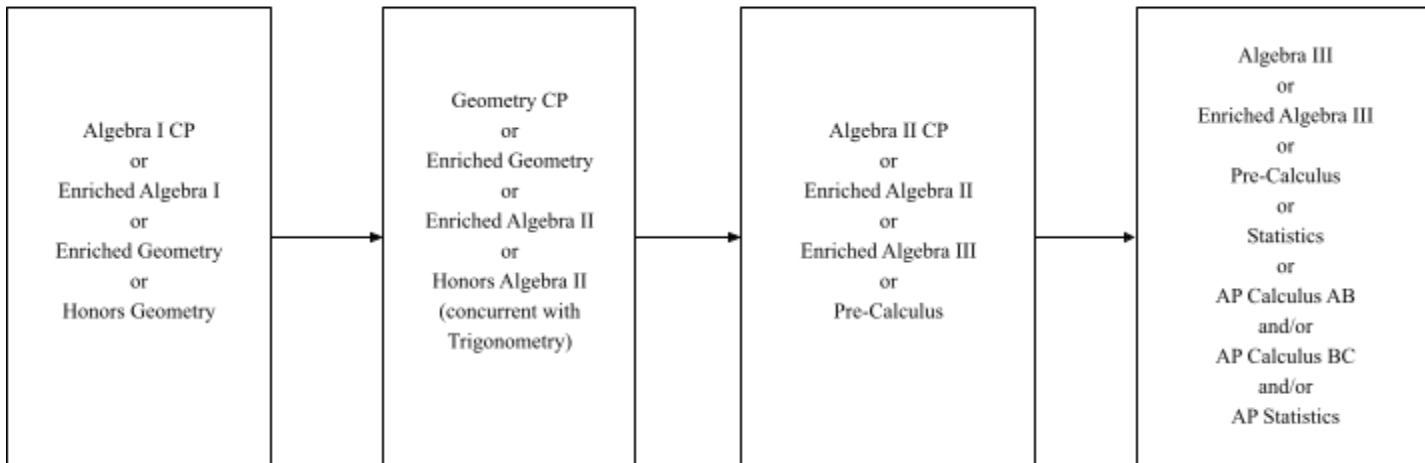
HONORS ORCHESTRA

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

Orchestra Honors aims to improve musicianship and encourage students to go beyond routine orchestra music. 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. 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.

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. We strongly recommend that students who earn a D repeat the class 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, practical, and logical subject that makes use of their ability to make sense of problem situations.
- The honors sections emphasize the Standards for Mathematical Practice skills, including 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 concepts.

ALGEBRA I CP

Grade Level:	9	Credit:	2
Prerequisite:	None	Length:	Year
		Fee:	None

This course will follow state and national standards for content curriculum. This course examines explicitly linear, quadratic, and exponential function families numerically, graphically, symbolically, and using statistics. This class expects students to demonstrate mastery of the concepts mentally, using paper and pencil and technology. This class is a double-period course.

ENRICHED ALGEBRA I

Grade Level:	9	Credit:	1
Prerequisite:	None	Length:	Year
		Fee:	None

This course will follow state and national standards for content curriculum. This course examines explicitly linear, quadratic, and exponential function families numerically, graphically, symbolically, and using statistics. This course expects students to demonstrate mastery of the concepts mentally, using paper and pencil and technology.

GEOMETRY CP

Grade Level:	10	Credit:	2
Prerequisite:	Algebra I CP	Length:	Year
		Fee:	None

This course will follow state and national standards for content curriculum. This required rigorous course acquaints students with the formulas and properties of shapes associated with plane and solid geometry. The class emphasizes the study of congruence, constructions, similarity, right triangles, trigonometry, circles, coordinate geometry, geometric measurement and dimensions, geometric modeling, and probability. In addition, this course pays significant attention to formal proof writing to reason deductively and to demonstrate that a given conclusion follows logically from other accepted statements. This class is a double-period course.

ENRICHED GEOMETRY

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

This course will follow state and national standards for content curriculum. This required rigorous course acquaints students with the formulas and properties of shapes associated with plane and solid geometry. The class emphasizes the study of congruence, constructions, similarity, right triangles, trigonometry, circles, coordinate geometry, geometric measurement and dimensions, geometric modeling, and probability. In addition, this course pays attention to formal proof writing to reason deductively and to demonstrate that a given conclusion follows logically from other accepted statements.

HONORS GEOMETRY

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

This course will follow state and national standards for content curriculum. This is a rigorous course designed for college-bound math students to prepare them for future higher math courses and acquaint them with the formulas and properties of shapes associated with both plane and solid geometry. This class emphasizes the study of congruence, constructions, similarity, right triangles, trigonometry, circles, coordinate geometry, geometric measurement and dimensions, geometric modeling, and probability. This course pays significant attention to formal proof writing to reason deductively and demonstrate that a given conclusion follows logically from other accepted statements. Persistence and a high work ethic is basic expectation in this course.

ALGEBRA II CP

Grade Level:	10, 11	Credit:	1
Prerequisite:	Geometry CP	Length:	Year
		Fee:	None

Students will apply the knowledge gained from their previous classes and expand upon it in this math course, with content grouped in four critical areas: polynomial, rational, radical, and logarithmic function families. As students recall understanding quadratic functions and exponential functions, they use it as a base to deepen their knowledge. They expand their trigonometry study 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 their experience with functions and geometry to create models to solve contextual problems. This course uses a TI 83 or TI 84 graphing calculator.

ENRICHED ALGEBRA II

Grade Level:	10, 11	Credit:	1
Prerequisite:	Enriched Geometry	Length:	Year
		Fee:	None

In Enriched Algebra II, students pull together and apply their accumulated learning from their previous courses, with content grouped in four critical areas polynomial, rational, radical, and logarithmic function families. Next, they expand their trigonometry study to have 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 their experience with functions and geometry to create models to solve contextual problems. The course strongly recommends using a TI 84 graphing calculator.

HONORS ALGEBRA II

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

In Honors Algebra II, students pull together and apply their accumulated learning from their previous courses, with content grouped in four critical areas: polynomial, rational, radical, and logarithmic function families. They develop their trigonometry study 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 their experience with functions and geometry to create models to solve contextual problems. This honors section will 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 concepts. This course strongly recommends using a TI 84 graphing calculator and taking trigonometry at the same time as this course.

TRIGONOMETRY

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

This course focuses on the college-bound student who has demonstrated above-average skills in Algebra II or concurrent enrollment 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. The course strongly recommends the use of a scientific or TI-84 graphing calculator.

ALGEBRA III

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

This course focuses on students who plan to further their education and may want improved competency in specific math concepts for Algebra. Specifically, proficiency in the ideas of Exponents, Polynomials, Linear functions, Quadratic functions, Cubic functions, Statistics, Matrices, Exponentials, and Logarithms. In addition, the course recommends a graphing calculator (TI-84).

ENRICHED ALGEBRA III

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

Enriched Algebra III examines mathematical concepts for students who are not pursuing a field of study involving calculus. Topics in this course require students to have mastered previous Algebra skills. Topics in this course include a review of Linear, Quadratic, Cubic functions, analyzing Exponential and Logarithmic functions, Systems of Equations, Inequalities, Statistics, Analytic Geometry, and various other functions. The class recommends a graphing calculator (TI-84).

STATISTICS

Grade Level:	11, 12	Credit:	1
Prerequisite:	Geometry	Length:	Year
		Fee:	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. The class recommends a graphing calculator.

AP STATISTICS

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

AP Statistics is a high school equivalent of an introductory college statistics course. The AP course in statistics aims 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. To develop practical statistical communication skills, students must prepare frequent written and oral analyses of actual data. Students who complete the course and take the Advanced Placement exam may receive college credit for a one-semester introductory college statistics course. **Students will complete any summer assignments before the first day of the course. Students must take the AP Exam for this course.**

PRECALCULUS

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

This course is designed for 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.

HONORS PRECALCULUS

Grade Level:	11, 12	Credit:	1
Prerequisite:	-Honors Algebra II -Trigonometry -Honors/AP Intent Form	Length:	Year
		Fee:	None

This course is designed for college intending students who wish to pursue a field that would require the study of Calculus and plan 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. The class demands a good work ethic, as coursework is rigorous. A graphing calculator is necessary to complete course requirements. This honors section will emphasize the Standards for Mathematical Practice skills, including 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 concepts.

HONORS PRECALCULUS FOR AP CALCULUS BC

Grade Level:	11	Credit:	1
Prerequisite:	-Honors Algebra II -Trigonometry -Honors/AP Intent Form	Length:	Year
		Fee:	None

This course is designed for college intending students who wish to pursue a field that would require the study of Calculus and plan 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, primary differentiation, and introductory integration techniques. As coursework is rigorous, a good work ethic is expected and accelerated. A graphing calculator is necessary to complete course requirements. This honors section will emphasize the Standards for Mathematical Practice skills, including 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 concepts.

FUNDAMENTALS OF CALCULUS

Grade Level:	12	Credit:	1
Prerequisite:	Precalculus	Length:	Year
		Fee:	None

This course benefits the student who plans to take Calculus at the college level. Content emphasizes basic proficiencies in differentiation and integration and their applications. This course is rigorous, and a strong work ethic is required to succeed. The class recommends a graphing calculator.

AP CALCULUS AB

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

AP Calculus AB focuses on students who plan on further studies in Calculus at the college level. A secondary purpose is to prepare students to take the AP Calculus Advanced Placement Test. Coursework emphasizes developing basic proficiencies in differentiation and integration and their applications. The course is rigorous, and an exceptional work ethic is required to succeed. The class recommends a graphing calculator. **Students will complete any summer assignments before the first day of the course. Students must take the AP Exam for this course.**

AP CALCULUS BC

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

This course covers additional material beyond AP Calculus AB to benefit the student who plans on further studies in Calculus at the college level. Preparation of students to take the AP Calculus BC Advanced Placement Test is a secondary focal point. 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 succeed. A graphing calculator is required for this course. **Students must complete any summer assignments before the first day of the course. Students must also take the AP Exam for this course.**

PHYSICAL EDUCATION & HEALTH

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

INTRODUCTION TO PHYSICAL EDUCATION

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

BODY BUILDING 1

Grade Level:	10, 11, 12	Credit:	1/4
Prerequisite:	Intro to Physical Education OR PE Equivalency	Length:	Semester
		Fee:	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.

BODY BUILDING 2

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

This class is an extension of Body Building 1. The intermediate weightlifter 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.

NET GAMES

Grade Level:	10, 11, 12	Credit:	1/4
Prerequisite:	Intro to Physical Education OR PE Equivalency	Length:	Semester
		Fee:	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.

WALKING AND BODY TONING

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

This class is designed for students who want to exercise but do 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.

PRIME TIME SPORTS

Grade Level:	10, 11, 12	Credit:	1/4
Prerequisite:	Intro to Physical Education OR PE Equivalency	Length:	Semester
		Fee:	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, developing strengths, work on weaknesses, etc.

HEALTH

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

Instruction and discussion are 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 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 requirements.

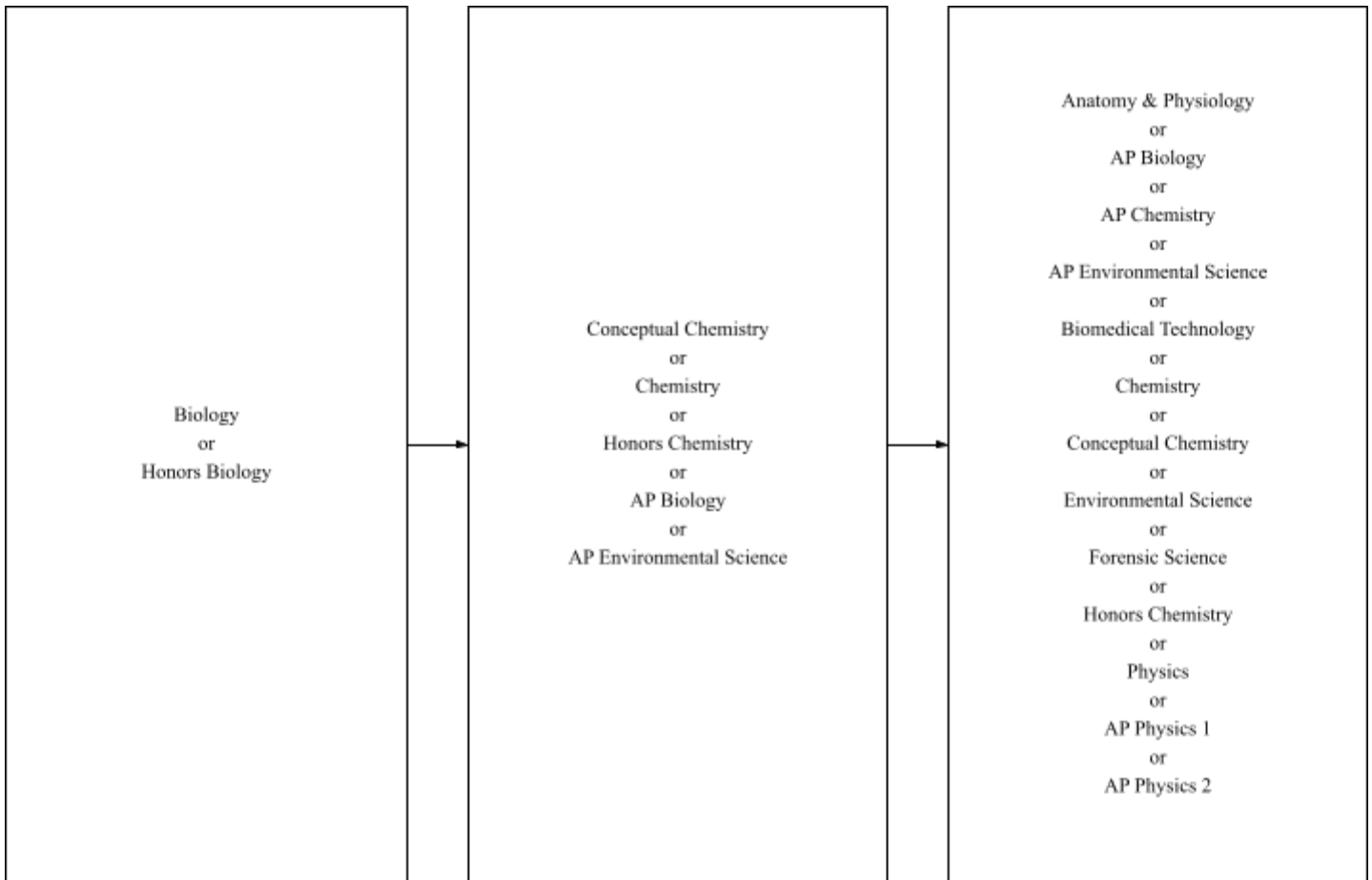
ATHLETIC INJURY PREVENTION & TRAINING

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

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

SCIENCE

Graduation requires three (3) credits of science. (Must include one (1) unit of biological science, one (1) unit of chemistry, one (1) unit of advanced science.)



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

BIOLOGY

Grade Level:	9	Credit:	1
Prerequisite:	None	Length:	Year
		Fee:	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 course's primary focus. 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.

HONORS BIOLOGY

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

Honors Biology further studies 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. Still, it does so in a much more in-depth manner. Independent learning assignments and projects have an emphasis. Additional investigations in gene technology, statistics, and mathematical reasoning take place.

AP BIOLOGY

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

The AP Biology course looks at college-level biology content 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 classes for which biology is a prerequisite. Other students may have fulfilled an essential requirement for a laboratory science course and will 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 include 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 must complete any summer assignments before the first day of the course. Students must take the AP Exam for this course.**

BIOMEDICAL TECHNOLOGY

Grade Level:	10, 11, 12	Credit:	1
Prerequisite:	-Biology/Honors Biology -Conceptual Chemistry at the same time -Chemistry at the same time	Length:	Year
		Fee:	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 techniques, research procedures, polymerase chain reaction (PCR), gel electrophoresis, and other relevant methods used in medical and research laboratories. This course design will have at its core hands-on weekly laboratory research activities.

CHEMISTRY

Grade Level:	10, 11, 12	Credit:	1
Prerequisite:	Biology	Length:	Year
		Fee:	None

This is a lab course that prepares students for higher-level science courses at the secondary and post-secondary levels. 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 examines 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.

CONCEPTUAL CHEMISTRY

Grade Level:	10, 11, 12	Credit:	1
Prerequisite:	Biology	Length:	Year
		Fee:	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.

HONORS CHEMISTRY

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

This course is designed for students looking for a more rigorous Chemistry course or planning on taking AP Chemistry. This course goes into more depth and uses more math than the general chemistry course. Students pursuing 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.

AP CHEMISTRY

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

This course acts as a college introductory chemistry course taken by chemistry majors during their first year of college. After showing themselves to be qualified on the AP 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 must complete any summer assignments before the first day of the course. Students must take the AP Exam for this course.**

ANATOMY AND PHYSIOLOGY

Grade Level:	11, 12	Credit:	1
Prerequisite:	-Biology -Chemistry or Conceptual Chemistry at the same time	Length:	Year
		Fee:	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). Students will learn how different organ systems work in the human body through lectures, labs, and activities. Students interested in the health care field should take this course. Please note that dissections labs are part of this class.

ENVIRONMENTAL SCIENCE

Grade Level:	10, 11, 12	Credit:	1
Prerequisite:	-Biology -Chemistry or Conceptual Chemistry at the same time	Length:	Year
		Fee:	None

This course is concerned with developing, understanding, and practical applications in ecology. The course examines the outside world and discovers how it works. Topics will include ecosystems, pollution problems and population, the requirements for life, and the limiting factors for organisms. **This course will require outdoor investigations, activity, inquiry, and project-based learning.**

ENVIRONMENTAL SCIENCE 2 (NEW)

Grade Level:	11, 12	Credit:	1
Prerequisite:	-Environmental Science 1 or AP Environmental Science	Length:	Year
		Fee:	None

Environmental Science 2 builds off the previous course and focuses on individualized, long-term projects to help our environment. Students will develop investigations, research, and put into action plans to protect our beautiful resources on campus and the surrounding areas. **This course will require outdoor studies, activity, inquiry, and project-based learning.**

AP ENVIRONMENTAL SCIENCE

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

The AP Environmental Science acts as 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 be eligible 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 artificial, to evaluate the relative risks associated with these problems, and to examine potential solutions for resolving or preventing them. This course will require participation in outdoor field studies on and off-campus. Students may visit off-campus sites outside of regular school hours on their own time. **Students must complete any summer assignments before the first day of the course. Students must take the AP Exam for this course.**

FORENSIC SCIENCE

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

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

PHYSICS

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

This course is designed primarily for college-bound students who are not necessarily interested in a physics-related field but may consider college majors in 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. This conceptual physics course encompasses all of "science," and topics emphasized will be electricity, magnetism, light, sound, motion, force, energy, thermodynamics, and nuclear physics.

AP PHYSICS 1

Grade Level:	11, 12	Credit:	1
Prerequisite:	-Chemistry/Honors Chemistry -Algebra II/Pre-calc at same time -Honors/AP Intent Form	Length:	Year
Notes:	-Course provides service to gifted education students	Fee:	<ul style="list-style-type: none">• 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 consider college majors in 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 of a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (rotational dynamics and angular momentum), work, energy and power, mechanical waves, and sound. It will also introduce electric circuits. **Students must complete any summer assignments before the first day of the course. Students must take the AP Exam for this course.**

AP PHYSICS 2

Grade Level:	11, 12	Credit:	1
Prerequisite:	-AP Physics 1 -Honors/AP Intent Form	Length:	Year
Notes:	-Course provides service to gifted education students	Fee:	-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 must complete any summer assignments before the first day of the course. Students must take the AP Exam for this course.**

ASTRONOMY & METEOROLOGY

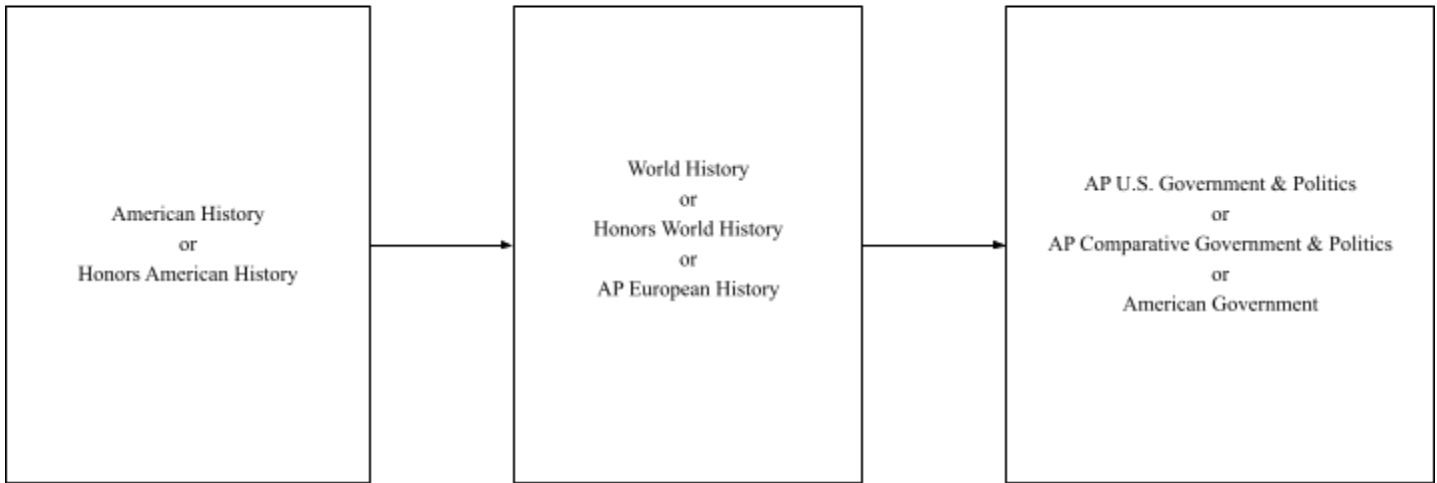
Grade Level:	11, 12	Credit:	1
Prerequisite:	None	Length:	Year
		Fee:	None

This year-long 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. Students are naturally curious about the world around us and how it works. The meteorology portion of the course is dedicated to explaining everyday, relatable weather phenomena. Students will use daily observations to collect and analyze data to determine trends and make future weather predictions.

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.

AMERICAN HISTORY

Grade Level:	9	Credit:	1
Prerequisite:	None	Length:	Year
		Fee:	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.

HONORS AMERICAN HISTORY

Grade Level:	9	Credit:	1
Prerequisite:	Established recommendation criteria	Length:	Year
Notes:	The course provides service to gifted education students.	Fee:	None

This course presents exceptional reading and writing experiences in the social sciences. It includes an 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.

WORLD HISTORY

Grade Level:	10	Credit:	1
Prerequisite:	American History	Length:	Year
		Fee:	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 multiple perspectives to draw conclusions.

HONORS WORLD HISTORY

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

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

AMERICAN GOVERNMENT

Grade Level:	11	Credit:	1
Prerequisite:	None	Length:	Year
		Fee:	None

The basis for this course is how the American people govern themselves at the federal, state, and local levels. The students will analyze the Presidency, Congress, and the Supreme Court. The class uses a variety of classroom activities and discussions of current issues. In addition, students can impact issues addressed by local governments through service learning and senior projects.

AP U.S. GOVERNMENT & POLITICS

Grade Level:	11	Credit:	1
Prerequisite:	-Honors/AP Intent Form	Length:	Year
Notes:	-Course provides service to gifted education students	Fee:	-AP Exam Fee

AP US Government and Politics presents 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 views on current political issues and apply what they have learned to 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, the Supreme Court, and the contemporary study of civil rights and liberties. Students will learn analytical skills through careful analysis of current issues. **Students must take the AP Exam for this course.**

AP COMPARATIVE GOVERNMENT & POLITICS

Grade Level:	11, 12	Credit:	1/2
Prerequisite:	-Honors/AP Intent Form	Length:	Semester 2
Notes:	-Course provides service to gifted education students	Fee:	-AP Exam Fee for AP US Government -AP Exam Fee for AP Comparative Government

This course introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics through an in-depth study of China, Great Britain, Iran, Mexico, Nigeria, Russia, and the United States. The course aims to illustrate the rich diversity of political life, show available institutional alternatives, and explain differences in policy outcomes. Comparison assists both in identifying problems and analyzing policymaking. 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 can also take the *AP United States Government & Politics* exam, with the accompanying possibility of 6 college credits. **Students must complete any summer assignments before the first day of the course. Students must take the AP Exam for this course.**

AP ACCELERATED US GOVERNMENT & POLITICS

Grade Level:	11, 12	Credit:	1/2
Prerequisite:	-Honors/AP Intent Form	Length:	Semester 1
Notes:	-Course provides service to gifted education students	Fee:	-AP Exam Fee for AP US Government -AP Exam Fee for AP Comparative Government

*This is the companion course to *AP Comparative Government & Politics*. This course provides a college-level, objective introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to understand the interdependence among political institutions, processes, and behaviors. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. Students will also begin their comparison of the United States to the AP six countries studied in *AP Comparative Government & Politics*. **Students must complete any summer assignments before the first day of the course. Students must take the AP Exam for this course.**

AP HUMAN GEOGRAPHY

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

This reading-intensive course studies the historical, sociological, economic, and political forces that shaped society. Students will learn about geographers' methods and tools in their research and applications. Students will thoroughly understand 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's 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 must complete any summer assignments before the first day of the course. Students must take the AP Exam for this course.**

WORLD GEOGRAPHY

Grade Level:	9, 10, 11, 12	Credit:	1
Prerequisite:	None	Length:	Year
		Fee:	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 physical and cultural geography. After an introduction to geography, students study each central region of the world. Students learn about the importance of physical geography and its impact on its development for each area. Next, students explore cultural aspects of each location 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 area. The parts we will look at are the US and Canada, Latin America, Europe, Russia, the Republics, Africa, the Middle East, India, East Asia, and Southeast Asia.

GLOBAL ISSUES

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

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

AP EUROPEAN HISTORY

Grade Level:	10, 11, 12	Credit:	1
Prerequisite:	-Honors/AP Intent Form	Length:	Year
Notes:	-Course provides service to gifted education students	Fee:	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 we live in today. The goals are to understand the principal themes in modern history, analyze historical evidence, and express that understanding and analysis in writing. Students should have a strong background and analytical writing and reading with the suggestion that students have taken and completed at least an Honors History or Honors English course. Students will also be required to take the AP exam in the spring. **Students must complete any summer assignments before the first day of the course. Students must take the AP Exam for this course.**

AP MICRO ECONOMICS

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

This college-level course introduces students to the principles of economics that apply to individual businesses and consumers. The course develops students' understanding of product and factor markets, distributions of income, the causes and solutions to market failure, and the tradeoffs involved in government market intervention. Students learn to interpret data in graphs and charts to analyze, describe, and explain economic concepts, applying this economic thinking to the world in which they live. Students interested in pursuing business or marketing are particularly encouraged to take this course. **Students must complete any summer assignments before the first day of the course. In addition, students must take the AP Exam for this course.**

AP MACRO ECONOMICS

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

This college-level course introduces students to the principles of economics that apply to both a closed and open economy. The course emphasizes setting prices along with wealth distribution. The course also develops students' understanding of GDP measures, banking, government stabilization policies, and economies' interdependence. Students learn to interpret data illustrated in graphs and charts to analyze, describe, and explain economic concepts, applying this economic thinking to the world in which they live. Students interested in pursuing business or marketing are particularly encouraged to take this course. **Students must complete any summer assignments before the first day of the course. Students must take the AP Exam for this course.**

AP U.S. HISTORY

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

AP US history 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 primary course objective is the preparation for student success in the venture. The AP course will include studying the American experience from Colonial times through the Cold War era. **Students must complete any summer assignments before the first day of the course. Students must take the AP Exam for this course.**

PSYCHOLOGY

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

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

ABNORMAL PSYCHOLOGY

Grade Level:	11, 12	Credit:	1/2
Prerequisite:	None	Length:	Semester
		Fee:	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 abnormal psychology, including the interaction of biological, psychological, and social factors. Major disorders' clinical description, diagnoses, and treatments focus on this class. Case studies supplement understanding and provide examples of how psychological disorders impact individual lives.

AP PSYCHOLOGY

Grade Level:	11, 12	Credit:	1
Prerequisite:	-Honors/AP Intent Form	Length:	Year
Notes:	-Course provides service to gifted education students	Fee:	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 significant psychological theories used to explain tendencies and behaviors in human populations. Areas of study include research and methods, historical perspectives, neuroscience, biopsychosocial, and sociocultural perspectives. In addition, students will demonstrate a greater awareness and appreciation of individual and group differences in world society through psychology. **Students must complete any summer assignments before the first day of the course. Students must take the AP Exam for this course.**

STUDENT SERVICES

AFFECTIVE EDUCATION

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

Affective Education is a course to help students develop necessary skills for independent living. This course provides lifelong growth and social, behavioral, and emotional skills. Students will learn coping strategies, independent life skills, time management, and study skills to succeed through this class. Our goal is to provide a curriculum within a small group setting to enable students to contribute successfully to society.

ELL - ENGLISH LANGUAGE LEARNERS

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

Students enrolled in this course must meet eligibility criteria.

LEADERSHIP CONCEPTS

Grade Level:	9, 10, 11, 12	Credit:	1/2 (this is a pass/fail course)
Prerequisite:	None	Length:	Semester
		Fee:	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 on Bowen Systems Theory, Leadership Concepts will help students be more effective leaders. This course will allow students to see differently, think differently, and ultimately lead differently. Students interested in leadership and personal growth are strongly encouraged to take this course.

STUDENT COUNCIL

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

Student Council gives students a voice in determining school activities and environment. It helps promote activities for the entire student body and fosters a positive climate. A student must apply and have recommendations recognizing leadership potential. Student Council is modeled on our representative form of government and supports the growth of leadership skills. Members are encouraged to attend leadership-training activities. This class will provide students with the knowledge and skills necessary to become well-educated, literate individuals in real-world applications. Students will become critical thinkers, problem solvers, responsible and productive citizens, self-directed learners, and effective communicators through participation in such activities.

TEAMMATES

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

Teammates is a class where students actively participate in physical learning experiences through various sports and activities. In addition, general education students support 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 elective credit.

ART TEAMMATES

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

We see the value in building peer relationships through art among students with special needs and typical students. This class would enable typical students who enjoy art and working with students that need assistance to do both in a creative atmosphere. Such interaction would improve social skills, build positive relationships, and increase art awareness.

JOBS FOR OHIO GRADUATES - JOG

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

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

STUDENT SUCCESS

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

Student Success is required for otherwise unsupported 9th-grade students when onboarding into Stow-Munroe Falls High School during the first quarter. During Quarter 1, students will engage in executive functioning tutorials, team building activities, communication exercises, conflict resolution, etc. For Quarters 2, 3, and 4, this course will provide more focused skill attainment, leading to improved success throughout high school for 9th, 10th, 11th, and 12th-grade students. The class meets one day per week out of study hall.

LEARNING RESOURCE CENTER (LRC)

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

The LRC assists students with success in the classroom environment. Students will complete a daily log for self-advocacy and reflection purposes; math practice problems; reading comprehension practice; writing prompts; and life skills (communication with teachers, accountability, time management). They are developing transitions material such as resumes and job applications. Students will work on specific IEP goals and objectives. Students will also improve technical skills and receive assistance with homework and study habits.

TECHNOLOGY EDUCATION

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

WOODWORKING

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

This course introduces students to 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 work on their projects. In addition, students will appreciate the woodworking subject through textbook assignments and hands-on projects.

ADVANCED WOODWORKING

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

Students will choose their 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. Finally, the student will choose an approved project(s) that will challenge their knowledge in the woodworking subject.

STEM

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

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 allowed 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.

ADVANCED STEM

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

This course is an extension of the STEM/STEM 1 experience. The essential elements of engineering took place during STEM. Now the emphasis on Science and Technology will be the focus. Two different teachers will assist in maximizing the learning experience.

ADVANCED GRAPHIC DESIGN

Grade Level:	9, 10, 11, 12	Credit:	1/2
Prerequisite:	Introduction to STEM	Length:	Semester
		Fee:	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 make real 3D objects from the computer-designed models as part of a marketing campaign for your game.

WORLD LANGUAGES

JAPANESE 1

Grade Level:	9, 10, 11, 12	Credit:	1
Prerequisite:	None	Length:	Year
		Fee:	None

Japanese 1 is a basic introductory course in studying the Japanese language and culture with a primary emphasis on listening and speaking skills. Additional time is spent on reading and writing exercises, 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.

JAPANESE 2

Grade Level:	10, 11, 12	Credit:	1
Prerequisite:	Japanese 1	Length:	Year
		Fee:	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.

JAPANESE 3

Grade Level:	11, 12	Credit:	1
Prerequisite:	Japanese 2	Length:	Year
		Fee:	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 valuable cultural information to enable the student to use the language as a native speaker would in various 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.

JAPANESE 4

Grade Level:	12	Credit:	1
Prerequisite:	Japanese 3	Length:	Year
		Fee:	None

Japanese 4 presents an advanced-level course to perfect the language skills acquired during the previous years of study. An emphasis will be placed on speaking and the reading and writing of Kanji. A study of tourist attractions, holiday preparations, free time activities, and pop culture will also be studied. In addition, 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.

GERMAN 1

Grade Level:	9, 10, 11, 12	Credit:	1
Prerequisite:	None	Length:	Year
		Fee:	\$7.00 for novels

German 1 is the foundation course for studying the German language and the cultures of the German-speaking countries. Students will develop proficiency in communicating (speaking/writing) and interpreting (listening/reading) at novice-low to novice-mid level German. The focus will be on learning basic, high-frequency structures and vocabulary that allow students to function fundamentally in school, family, and personal venues. Another focus will be on the cultural aspects of German-speaking countries. Finally, students will compare and connect to their language and culture.

GERMAN 2 (NEW)

Grade Level:	9, 10, 11, 12	Credit:	1
Prerequisite:	German 1	Length:	Year
		Fee:	\$7.00 for novels

German 2 is the continuation of German 1. Students will develop proficiency in communicating (speaking/writing) and interpreting (listening/reading) in the range of novice-high to intermediate-low level German. The focus will be on reinforcing the skills and content practiced in German 1 and learning more complex structures. Another focus will be on cultural and historical aspects of German-speaking countries. Students will make comparisons with and connections to their language and culture. They will also make connections with other disciplines.

SPANISH 1

Grade Level:	9, 10, 11, 12	Credit:	1
Prerequisite:	None	Length:	Year
		Fee:	\$6.00 for novels

Spanish 1 is the foundation course for studying 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 and Hispanic communities in the United States is also part of the curriculum. In addition, students will compare their language and culture and connect to other disciplines.

SPANISH 2

Grade Level:	9, 10, 11, 12	Credit:	1
Prerequisite:	Spanish 1	Length:	Year
		Fee:	\$6.00 for novels

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

SPANISH 3

Grade Level:	10, 11, 12	Credit:	1
Prerequisite:	Spanish 2	Length:	Year
		Fee:	\$12.00 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 in spoken and written communication. Students will also improve their reading comprehension by analyzing novels, short stories, and original 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.

SPANISH 4

Grade Level:	11, 12	Credit:	1
Prerequisite:	Spanish 3	Length:	Year
		Fee:	\$6.00 for novels

Spanish 4 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 in spoken and written communication. They will study various Spanish-speaking countries' traditions, cultures, and literature. Students will polish their speaking and writing skills. They will read and analyze authentic literature and articles. Spanish 4 provides students with a foundation for AP Spanish and college-level courses. It also prepares students for college placement exams.

AP SPANISH

Grade Level:	11, 12	Credit:	1
Prerequisite:	-Spanish 4 -Honors/AP Intent Form	Length:	Year
Notes:	-Course provides service to gifted education students	Fee:	-AP Exam Fee each year

This advanced course develops proficiency and uses authentic materials and sources to integrate their language skills. The AP Spanish Language course is conducted entirely in Spanish to prepare students for the AP Spanish Language Exam and advanced college-level courses. The course will include an in-depth grammar review, a study of Hispanic culture, and extensive listening comprehension, speaking, reading, and advanced writing skills. In addition, the course will incorporate authentic literature from Spain, Latin America, and the United States. **Students must complete any summer assignments before the first day of the course. Students must take the AP Exam for this course.**

AMERICAN SIGN LANGUAGE 1

Grade Level:	9, 10, 11, 12	Credit:	1
Prerequisite:	None	Length:	Year
		Fee:	None

Students will study basic vocabulary and grammar elements to build a foundation for signed communication. In addition, it will focus on understanding and producing language related to everyday life and activities. Students will also study the primary culture and daily experiences of the Deaf community in the United States.

AMERICAN SIGN LANGUAGE 2 (NEW)

Grade Level:	10, 11, 12	Credit:	1
Prerequisite:	-ASL 1	Length:	Year
		Fee:	None

This course is a continuation of level 1, focusing on vocabulary and the use of additional grammatical structures. Students will expand their vocabulary to provide more robust communication about an increasing range of topics. In addition, students will continue to examine cultural aspects of the Deaf community and compare these to their personal experiences.

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								
TOTAL REQUIRED	21	TOTAL CREDITS		TOTAL CREDITS		TOTAL CREDITS		TOTAL CREDITS	
<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	