

COURSE CATALOG

2026-2027

Stow-Munroe Falls High School

3227 East Graham Road, Stow, Ohio 44224

330-689-5300 (main)

High School Website:

<https://smfhs.smfschools.org/>

District Website:

<https://www.smfschools.org/>

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STOW-MUNROE FALLS CITY SCHOOLS

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 Stow, OH 44224
 Phone: 330-689-5445
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Dr. Felisha Gould Superintendent

HIGH SCHOOL PHONE NUMBERS

Main Office	330-689-5300
Counseling Office	330-689-5306
Attendance (A-K)	330-689-5215
Attendance (L-Z)	330-689-5205
Athletic Office	330-689-5203
Fax	330-689-5303
Transportation Office	330-673-5234

BOARD OF EDUCATION MEMBERS

Jason Whitacre, President
 John Moyer, Vice President
 Tina Merlitti
 Mike Sheehan
 Kari Suhadolnik

HIGH SCHOOL ADMINISTRATION

Amanda Murray	Principal
Megan Hansen	Assistant Principal
Tim Renner	Assistant Principal
Jayson Yeagley	Assistant Principal
Cyle Feldman	Athletic Director

HIGH SCHOOL COUNSELORS

Dominique Coombs	(Last names A-C)
Ann Cottrill	(Last names D-Hi)
Abby Durieux	(Last names Ho-Mc)
Tiffany O’Shinsky	(Last names Me-Sa)
Jason LePard	(Last names Ro-Z)

STOW-MUNROE FALLS CITY SCHOOLS



MISSION STATEMENT

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

VISION

Everything we do is designed to provide a future-ready, student-centered learning experience for every single child. Our strategic plan for 2021-2026 will help us accomplish this goal by considering every facet of a students' learning experience—from curriculum to infrastructure to wellness, diversity and inclusion, and everything in between.

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, Computer Science Pathways , Industrial Maintenance for Production and Employment , Culinary Arts & Hospitality Studies 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 has 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 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
Intent Form:	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
ODEW:	Ohio Department of Education and Workforce
CCP (College Credit Plus):	College Credit Plus. Attendance is required for parents and students at the annual meeting.
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 1, Geometry, Algebra 2 or Statistics, and a fourth required math option
3	Social Studies – World History, American History, Government, and ½ credit of another Social Studies elective
3	Science –Physical Science/Chemistry, Biology, an advanced science
4 ½	Electives
½	Personal Wellness (one semester)
½	Physical Education (two courses) or Physical Education Equivalency
½	Financial Literacy (Personal Financial Management, or Business Foundations, or Economics)

NOTES:

-Fine Arts: Students must complete at least two semesters of fine arts taken any time in Grades 9-12 (Students following a career-technical pathway are exempted from the fine arts requirement).

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 a grade-level administrator.

PART 4 – SCHEDULING

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 based on student performance and student data. 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 significantly impact this planning. 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 a 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.

PHYSICAL EDUCATION EQUIVALENCY

ODEW 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.

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 Honors 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

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.

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.**

PART 5 – COURSE OFFERINGS

BUSINESS

ENTREPRENEURSHIP: BUSINESS BUILDERS

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

This foundational course would introduce students to key business concepts such as management, marketing, economics, and entrepreneurship. Students can explore what it takes to start and run a business, develop business plans, and understand financial literacy basics.

MARKETING AND SOCIAL MEDIA STRATEGIES

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

Students would cover traditional marketing principles and modern strategies but also focus on digital and social media. This includes market research, branding, advertising, and the ethical use of social media in business.

FUTURES IN FINANCE

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

This course introduces students to the fundamental knowledge and skills in accounting, banking services, corporate finance, insurance, and securities and investments. They will acquire knowledge of financial analysis and application, business law and ethics, economics, international business and business relationships. Knowledge management and information technology will be emphasized. Employability skills, leadership and communications will be incorporated in classroom activities.

BUSINESS FOUNDATIONS

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

Business Foundations introduces students to the core principles of the business world. Through hands-on projects and real-world scenarios, students explore topics such as entrepreneurship, marketing, economics, finance, management, and career readiness. The course emphasizes financial literacy, ethical decision-making, and the role of technology in modern business. Students will develop communication, problem-solving, and leadership skills essential for success in any career path. This meets the financial Literacy requirement.

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!

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.

COMPUTER SCIENCE PATHWAYS (LEVELS 1 & 2)

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:	\$40.00 for BPA dues each year
Notes:	-These courses take place at SMFHS -College credit is available -Career pathway available		

Computer Science Pathways immerses students in the dynamic world of computer science with hands-on learning experiences encompassing a wide array of critical skills and coursework including: Computer Logic & IT Fundamentals, Object-Oriented Programming, Web Design/Development and Interactive App & Game Development. This CTE program provides a gateway for further studies at the post-secondary level, and also offers opportunities to earn industry-recognized credentials, equipping graduates with practical skills and certifications for success in the tech industry. No prior computer programming experience is required. College Credit and Career Pathway availability. For more information, see the Compact Career Catalog.

CULINARY ARTS AND HOSPITALITY STUDIES

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:	\$270 during level I
Notes:	-Courses take place at SMFHS -College credit is available		

Culinary Arts & Hospitality Studies is a two year program that prepares students for all areas of the demanding and competitive food service and hospitality industry. Students apply the skills they learn and gain in real-world experience operating Joshua's restaurant. Community based partners offer job shadowing and worksite experience.

AERONAUTICS CAREERS ACADEMY

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:	-College credit is available -Level 1 Credit: Intro to Aeronautics 1; Aviation Weather 1; English 1; Math 1 -Level 2 Credit: Elements of Flight Theory 1, Aviation Unmanned Systems 1; English 1; Math 1; Capstone 1		

Your future is about to take flight in this two-year Academy that can offer you hands-on experiences and opportunities to prepare you for post-secondary work and a career in aeronautics. In addition to the aeronautics coursework, ACA students will learn and explore the concepts of flight through flight simulators and drones in the classroom lab. The Academy's partnerships with Avit Flight Academy and KSU College of Aeronautics & Engineering allows students to deepen their understanding of the training and education needed to enter the field. ACA students also have the opportunity to visit private sector partners such as Castle Aviation, Sky Quest, and MAPS Air Museum.

CAREER BASED INTERVENTION

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

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. Students may be enrolled into the RISEUP program which focuses on Retail Fundamentals and Customer Service. This program may result in a twelve point credential, which would count towards graduation competency and/or a graduation seal.

INDUSTRIAL MAINTENANCE AND PRODUCTION FOR EMPLOYMENT (IMPE)

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 an Honors 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 for cutting, drilling, and grinding 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. College credit is available from this class.

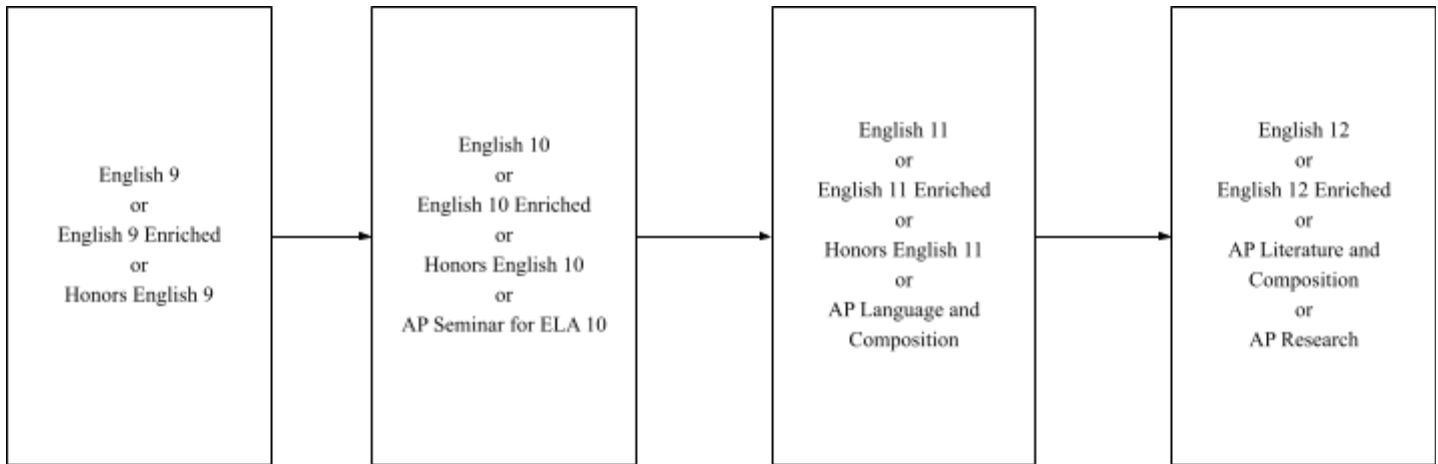
OTHER COLLEGE TECH PREP & CAREER PROGRAMS

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 Technology	Hudson
Automotive Technologies	Hudson	Biotechnology Academy STEM	Woodridge
Business and Sports Management	Roosevelt	NEW Fashion Merchandising, Design, and Innovation	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 & Environmental Studies	Roosevelt
Health Careers Technologies	Roosevelt	Interactive Marketing and Design	Cuyahoga Falls
Cyber Academy	Cuyahoga Falls	Marketing Management	Roosevelt
Teaching Professions	Roosevelt	Academy of Future Entertainment Professionals	Tallmadge
EntrepreNew Academy	Woodridge	Modern Communications	Cuyahoga Falls & Hudson
Industrial Maintenance and Production for Employment (IMPE)	Stow-Munroe Falls	Medical Office & Business Management	Cuyahoga Falls
Aeronautics Careers	Stow-Munroe Falls & Roosevelt	Culinary Arts and Hospitality Studies	Stow-Munroe Falls
Computer Science Pathways	Stow-Munroe Falls	Engineering Academy: Advanced STEM	Roosevelt
Academy of Finance Careers	Tallmadge	Local Agriculture for Local Impact	Cuyahoga 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.



ENGLISH 9

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

Following Ohio's New Learning Standards, this course is designed to expand students' ability to analyze the format literary techniques found in various types of writing and forms. Students will build on writing skills to include supporting claims using textual evidence. Students will also bolster skills in reading comprehension. Students will also learn to evaluate research and apply to different sources.

ENGLISH 9 ENRICHED

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

Similar to English 9, English 9 Enriched is designed to expand their ability to analyze the format and literary techniques found in various types of writing and various forms within the context of the state standards. Students will build on writing skills to include supporting claims using textual evidence. Students will also bolster skills in reading comprehension and research skills.

In addition, students will analyze text structure and will conduct close readings of content. Students will also migrate academic writing focus in order to grow as a writer. Students will conduct literary and character analysis in various written forms. Students will explore themes in prose and poetry. Finally, students will learn how to conduct research in order to author a research paper.

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

Moving beyond English 9 and Enriched English 9, Honors English 9 is for students who require ‘stretch’ in ELA. Students in Honors English 9 move at a quicker pace while ensuring that students are exposed to more complex texts in which students discuss and react to themes or close analysis. 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

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

Following Ohio’s New Learning Standards, English 10 is designed for students who complete English 9 and have developed foundational usage skills. Students will continue to improve and refine their writing, reading, and oral communication skills throughout this course. Students will focus on argumentative, informational, and exposition writing. Students will learn to bring in textual support in order to carefully blend student writing with outside support. Students will

ENGLISH 10 ENRICHED

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

Similar to English 10, Enriched English 10, English 10 is designed for students who complete English 9 and have developed foundational usage skills. Students will continue to improve and refine their writing, reading, and oral communication skills throughout this course. Students will focus on argumentative, informational, and exposition writing. Students will learn to bring in textual support in order to carefully blend student writing with outside support. Students will move at a faster pace and will be stretched in complexity and depth.

HONORS ENGLISH 10

Grade Level:	10	Credit:	1
Prerequisite:	English 9	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

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

Following Ohio's New Learning Standards, Students will study and participate in speaking, listening, reading, and writing activities to increase their 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. Writing is an essential part of this course, and students will learn various types of writing. In addition, students will learn more about connotation, grammar, and proper usage through these numerous writing assignments. Students engage in grammar, vocab study, and persuasive essay writing. Students will research and experience building a meaningful research paper.

ENGLISH 11 ENRICHED

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

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 English language's structure, terminology, and use. In addition, students will engage in the research and writing process.

HONORS ENGLISH 11

Grade Level:	11	Credit:	1
Prerequisite:	English 10	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

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

This course is designed for 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 their incorporation into a research project will be addressed. 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

Grade Level:	12	Credit:	1
Prerequisite:	English 11	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: 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:	-Honors English 11 suggested -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:	-Intent Form -AP Seminar or ELA 10 honors suggested -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, 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.**

AP SEMINAR (FOR ELA 10)

Grade Level:	10-11	Credit:	1
Prerequisite:	Prerequisite: Successful completion of English 9 (Honors English 9 recommended)	Length:	Year
Notes:	-Course provides service to gifted education students	Fee:	-AP Exam Fee -Materials to be obtained by the student

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Students learn to investigate a problem or issue, analyze arguments, compare different perspectives, synthesize information from multiple sources, and work alone and in a group to communicate their ideas. Utilizing a project-based learning model, students work in teams to investigate topics of the teacher's and students' choice by conducting research and presenting arguments for their proposed solutions. The course requires students to present in teams and individually. AP Seminar is the first course in the AP Capstone experience. Students must take the AP Exam for this course.

AP RESEARCH

Grade Level:	11-12	Credit:	1
Prerequisite:	AP Seminar	Length:	Year
Notes:	-Course provides service to gifted education students	Fee:	-AP Exam Fee -Materials to be obtained by the student

AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000–5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense. **Students must take the AP Exam for this course**

CREATIVE WRITING

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 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.

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 from the genre and texts on writing. The application will consist of writing creative assignments related to the genre and or studied techniques.

INTRO TO MASS MEDIA

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

Students enrolled in Intro to Mass Media will have the opportunity to learn the fundamental principles and practices of all media writing. 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, Graphic Design, Broadcasting, Grammar, Web Design Elements, Public Relations, Photography, Business Management, and more. Students may have opportunities to publish exceptional work in the high school's official newspaper, the Stohion; on the Stohion's official website, Stohion.com; and on the school's official news program, Spike TV. Students must successfully complete this course to take Journalism 2 (Stohion) and/or Video Journalism 2 (Spike TV).

JOURNALISM

Grade Level:	10, 11, 12	Credit:	1
Prerequisite:	Intro to Mass Media	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

Grade Level:	10, 11, 12	Credit:	1
Prerequisite:	Intro to Mass Media	Length:	Year
		Fee:	None

Students enrolled in Video Journalism will have the opportunity to work as members of Spike Media staff and develop and publish video packages that spotlight our student athletics, programs, and student body. Students will brainstorm, plan, interview, edit, and publish short yet focused video stories in order to celebrate student success and other positive student highlights.

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
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 public speaking, focusing on critical thinking, evidence, and reasoning with a focus on real-world situations. Students will write persuasive speeches, legislation, and group discussions proposals. In addition, students will participate in imitation congressional debates using legislation they craft.

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.

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 in analyzing and appreciating the unique qualities of Roman and Greek art, literature, and vocabulary. 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.

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 a 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

Grade Level:	10, 11, 12	Credit:	1
Prerequisite:	None	Length:	Semester
		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.

FAMILY & CONSUMER SCIENCE (FCS)

PRINCIPLES OF FOOD

Grade Level:	9, 10, 11, 12	Credit:	1/2
Prerequisite:	None	Length:	Semester
		Fee:	\$40.00 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	Length:	Semester
		Fee:	\$45.00 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.

GLOBAL FOODS

Grade Level:	9, 10, 11, 12	Credit:	1/2
Prerequisite:	Principles of Food recommended	Length:	Semester
		Fee:	\$45.00 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.

PERSONAL FINANCIAL MANAGEMENT

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

In this course, students will develop personal financial plans for individual personal well-being. Throughout the course, students will develop financial literacy skills to provide a basis for responsible citizenship and career success. Additional topics will include analyzing services from financial institutions, consumer protection, investing, and risk management. This course counts for financial literacy graduation credit, and students earn a CTAG upon passing the WebXam. Students will receive a weighted grade in this class due to the CTAG availability.

PERSONAL WELLNESS (HEALTH)

Grade Level:	9, 10, 11, 12	Credit:	1/2 (required for graduation)
Prerequisite:	None	Length:	Semester
		Fee:	None

Do you want to learn more about the different areas of wellness to help you live a healthier lifestyle? In this course, students will analyze physical, emotional, social and intellectual growth. An emphasis will be placed on lifespan wellness by managing stress through relaxation, physical activity, and sleep. Additional topics will include human growth and development, mental health management, personal hygiene, digital health, and preparing for emergency situations.

FINE ARTS – VISUAL

VISUAL ART 1

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

Visual Art I 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.

VISUAL ART 2

Grade Level:	9, 10, 11, 12	Credit:	1/2
Prerequisite:	Visual Art 1	Length:	Semester
		Fee:	30.00 for supplies

Art II builds upon basic concepts introduced in Art I 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:	Visual Art 1	Length:	Semester
		Fee:	\$30.00 for supplies

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

FASHION DESIGN AND ILLUSTRATION 1

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

PAINTING 1

Grade Level:	9, 10, 11, 12	Credit:	1/2
Prerequisite:	Visual Art 1	Length:	Semester
		Fee:	\$35.00.00 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.

CERAMICS 1

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

Ceramics 2 builds upon the methods and concepts developed in Ceramics I. 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:	\$40.00 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 concentrates on creating a portfolio to showcase their skills and strengths in this course. This course may be repeated with teacher approval.

SCULPTURE

Grade Level:	9, 10, 11, 12	Credit:	1/2
Prerequisite:	Visual Art 1	Length:	Semester
Notes:	Course may be repeated for credit	Fee:	\$35.00 for supplies

If you are unsure what to take after Art I 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:	Visual 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:	Visual Art 1	Length:	Semester
Notes:	Course may be repeated for credit	Fee:	\$50.00 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 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:	9, 10, 11, 12	Credit:	1/2
Prerequisite:	Photography 1	Length:	Semester
		Fee:	\$30.00 for supplies

Working from the knowledge gained in Photography I, 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 look at careers in photography, dive deeper into Photoshop with special effects and surrealism. The class concludes with the creation of a photo book or calendar.

AP STUDIO ART: PHOTOGRAPHY

Grade Level:	12	Credit:	1
Prerequisite:	-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 the 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:	-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:	-Visual Art 1 -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 DRAWING

Grade Level:	11, 12	Credit:	1
Prerequisite:	-Intent Form -Honors Art Studio or teacher recommendation	Length:	Year
Notes:	-Course provides service to gifted education students	Fee:	-\$100.00 for supplies -AP Exam Fee

This class takes what you have learned in other art courses and puts it into action. Students will develop an essential question and answer it visually through personal artwork that shows practice, experimentation, revision, and research. Projects are evaluated according to the AP Drawing rubric. Students are expected to have a thorough understanding of a variety of art media and how to use it. In addition, students must produce a portfolio for the AP Drawing Portfolio Exam/Review. **Students must take the AP Exam for this course.**

AP ART HISTORY

Grade Level:	11, 12	Credit:	1
Prerequisite:	-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 their 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 combines 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:	None	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 traditional "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. Students will audition for placement in one of the concert bands after completing football season. Each concert band is ability-based so students can progress at their achievement levels. As with marching bands, concert bands require performances at evening rehearsals, concerts, and 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 Credits are separate courses.

TENOR-BASS CHOIR

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, and learning diverse choral repertoire from varying periods and cultures. 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 participating 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 is 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 -Course provides service to gifted education students	Length:	Year
Notes:	-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.

MUSIC THEORY

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

Music Theory is a course designed to enhance music skills and understanding of basic music fundamentals. The essential aspects of melody, harmony, rhythm, and form are studied. Students will learn basic notation, scales, key signatures, intervals, triads, cadences, non-chord tones, form, partwriting, and score analysis throughout the semester. Aural dictation and ear training are integral parts of the course and will be taught throughout. Individual creativity is nurtured through both rhythmic and melodic composition. This course is highly recommended for students in a musical ensemble and students interested in studying music in college.

MUSIC THEORY 2

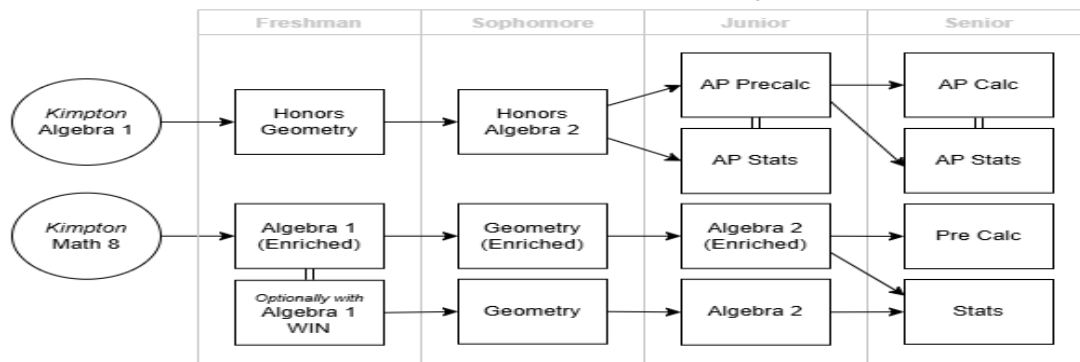
Grade Level:	9, 10, 11, 12	Credit:	1/2
Prerequisite:	Music Theory 1	Length:	Semester
		Fee:	None

Music Theory 2 is a continuation of the Music Theory 1 course, and will focus on more advanced concepts of Music Theory including scales, key signatures, intervals, triads, cadences, non-chord tones, form, partwriting, diatonic harmony, chromatic harmony, and score analysis. Aural dictation and ear training are integral parts of the course and will be taught throughout. Individual creativity is nurtured through both rhythmic and melodic composition. This course is highly recommended for students in a musical ensemble and students interested in studying music in college.

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

Typical Math Pathways

Does not include all course options



ALGEBRA 1 ENRICHED

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

This course will follow state and national standards for content curriculum. This course explicitly examines 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.

ALGEBRA 1 WIN

Grade Level:	9	Credit:	1
Prerequisite:	None	Length:	Year
	*8th grade data will help placement	Fee:	None

This course is designed to provide students with additional time and support to build confidence and mastery in Algebra 1 concepts. Students will engage in targeted instruction that previews upcoming material (front-loading) and revisits key topics through reteaching and guided practice. Emphasis will be placed on strengthening foundational skills, improving problem-solving strategies, and deepening understanding of linear, quadratic, and exponential relationships. The goal of this course is to reinforce classroom learning, promote mathematical reasoning, and prepare students for success in Algebra 1 Enriched and future math courses.

GEOMETRY

Grade Level:	10	Credit:	1
Prerequisite:	Algebra 1	Length:	Year
		Fee:	None

This course will follow state and national standards for content curriculum. This required 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.

GEOMETRY ENRICHED

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

This course will follow state and national standards for content curriculum. This required 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 1 -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 a basic expectation in this course.

ALGEBRA 2

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

This course will follow state standards for content curriculum. In this course, students will deepen their understanding of algebra 1 functions: linear, quadratic and exponential; and begin to study function families that include polynomial, radical, exponential, logarithmic, rational, and trigonometric functions. This class expects students to demonstrate mastery of the concepts mentally, using paper and pencil, and technology. This course uses a TI 83 or TI 84 graphing calculator.

ALGEBRA 2 ENRICHED

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

This course will follow state standards for content curriculum. In this course students will deepen their understanding of algebra 1 functions: linear, quadratic and exponential; and begin to study function families that include polynomial, radical, exponential, logarithmic, rational, and trigonometric functions. This class expects students to demonstrate mastery of the concepts mentally, using paper and pencil, and technology. This course uses a TI 83 or TI 84 graphing calculator.

HONORS ALGEBRA 2

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

This course will follow state standards for content curriculum. In this course students will deepen their understanding of algebra 1 functions: linear, quadratic and exponential; and begin to study function families that include polynomial, radical, exponential, logarithmic, rational functions. This class expects students to demonstrate mastery of the concepts mentally, using paper and pencil, and technology. This course uses a TI 83 or TI 84 graphing calculator. 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.

ALGEBRA 3

Grade Level:	11, 12	Credit:	1
Prerequisite:	Algebra 2	Length:	Year
		Fee:	None

Algebra 3 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, and 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 main conceptual themes are collecting and exploring data, inferences, probability, randomness, and distributions. Statistics counts as an Algebra 2 equivalency.

AP STATISTICS

Grade Level:	11, 12	Credit:	1
Prerequisite:	-Honors Algebra 2 -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:	Algebra 2 Enriched	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.

AP PRECALCULUS

Grade Level:	11, 12	Credit:	1
Prerequisite:	-Honors Algebra 2 -Intent Form	Length:	Year
		Fee:	AP Exam Fee

This course prepares students for the rigor of AP Calculus by exploring advanced algebraic, trigonometric, and analytical concepts. Students will study polynomial, rational, exponential, logarithmic, trigonometric, and piecewise functions, examining them numerically, graphically, and symbolically. Emphasis is placed on problem-solving, mathematical modeling, and connecting concepts across multiple representations. Students will also develop critical thinking and analytical skills through real-world applications and technology-enhanced investigations. Successful completion of this course equips students with the foundation needed for success in AP Calculus and higher-level mathematics. **Students will complete any summer assignments before the first day of the course. Students must take the AP Exam for this course.**

AP CALCULUS AB

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

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. A graphing calculator is required for 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 CALCULUS BC

Grade Level:	12	Credit:	1
Prerequisite:	-Honors Precalculus for AP Calculus BC -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. The 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. The last year this will be offered will be the 2026-2027 school year.**

PHYSICAL EDUCATION

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 gameplay. Students will demonstrate fitness awareness through both individual and team activities.

BODY BUILDING

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.

LIFETIME SPORTS

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

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, pickleball, ping pong, 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, the use of exercise bands, 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, and Football. 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 in class, how to lose/fail with dignity, how to be a respectful leader/follower, goal setting, the importance of fair play, developing strengths, working on weaknesses, etc.

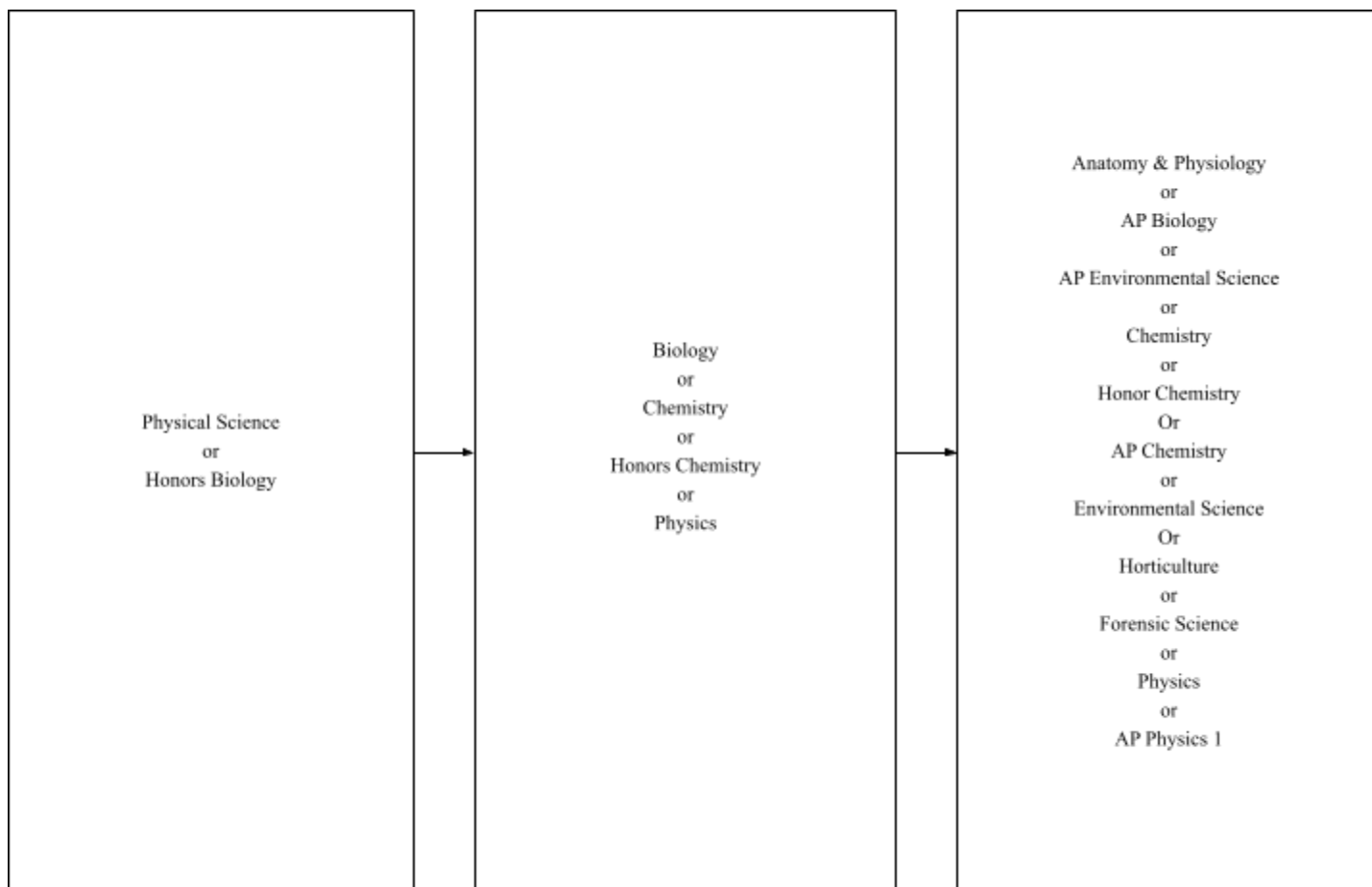
PE TEAMMATES

Grade Level:	10, 11, 12	Credit:	1/2 (this course does not fulfill the PE graduation requirement)
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.

SCIENCE

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



PHYSICAL SCIENCE

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

Physical Science is designed to be an engaging and hands-on first year science class for students at SMFHS. The course is based on Ohio's Learning Standards covering the categories of Study of Matter, Forces and Motion, Energy and Waves, and The Universe. Specific topics include matter and change, atoms and the periodic table, atomic models, types of chemical bonding and chemical reactions, motion, forces, Newton's laws, and different types of energy including thermal, electric, sound, and waves.

BIOLOGY

Grade Level:	10	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 -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. It has a very similar curricular content to 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 -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 qualified on the Advanced Placement Examination, some college freshmen students 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.**

CHEMISTRY

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

This lab course 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 curricula at the postsecondary level. This course examines chemistry, physics, biological sciences, engineering, 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.

HONORS CHEMISTRY

Grade Level:	10, 11, 12	Credit:	1
Prerequisite:	-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 more in-depth and uses more math than general chemistry. 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 -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 qualified on the AP Examination, some college freshmen students 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). Through lectures, labs, and activities, students will learn how different organ systems work in the human body. Students interested in the healthcare field should take this course. Please note that dissection 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.**
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AP ENVIRONMENTAL SCIENCE

Grade Level:	10, 11, 12	Credit:	1
Prerequisite:	-Biology or chemistry -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.

HORTICULTURE

Grade Level:	11, 12	Credit:	1
Prerequisite:	-Physical Science -Biology	Length:	Year
		Fee:	None

Horticulture is a hands-on course that introduces students to the world of plants and gardening. Topics include plant biology, soil science, sustainable practices, and garden design. Students will learn to grow and care for plants, including flowers, vegetables, and shrubs, while gaining skills in landscaping, propagation, and pest management.

PHYSICS

Grade Level:	11, 12	Credit:	1
Prerequisite:		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 the topics emphasized will be electricity, magnetism, light, sound, motion, force, energy, thermodynamics, and nuclear physics.

AP PHYSICS 1

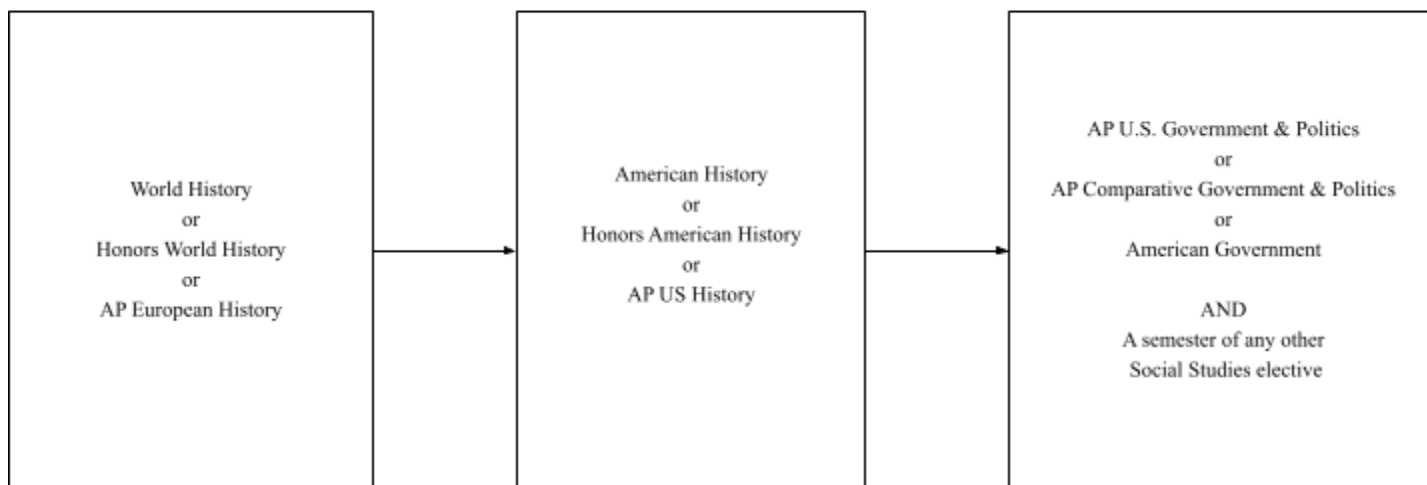
Grade Level:	11, 12	Credit:	1
Prerequisite:	-Chemistry/Honors Chemistry -Algebra II/Pre-calc at the same time -Intent Form	Length:	Year
Notes:	-Course provides service to gifted education students	Fee:	-Scientific Calculator -AP Exam Fee

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 I* 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.**

SOCIAL STUDIES

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

Choose one class from each box below:



AMERICAN HISTORY

Grade Level:	10	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 conclude. Starting in the 2026-2027 school year this will be a 10th grade class.

HONORS AMERICAN HISTORY

Grade Level:	9, 10	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. Starting in the 2026-2027 school year this will be a 10th grade class.

WORLD HISTORY

Grade Level:	9, 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 conclude. Starting in the 2026-2027 school year, this will be a 9th grade only class.

HONORS WORLD HISTORY

Grade Level:	9, 10	Credit:	1
Prerequisite:	-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. Starting in the 2026-2027 school year, this will be a 9th grade only class.

AMERICAN GOVERNMENT

Grade Level:	11	Credit:	1/2
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. Starting in the 2026-2027 school year, this will be a semester class.

AP U.S. GOVERNMENT & POLITICS

Grade Level:	11, 12	Credit:	1
Prerequisite:	-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
Prerequisite:	-Intent Form	Length:	Year
Notes:	-Course provides service to gifted education students	Fee:	-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 take the AP Exam for this course.**

AP HUMAN GEOGRAPHY

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

This 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. **Students must take the AP Exam for this course.**

CENTURY OF CONFLICT

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

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

THE WORLD AROUND US

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

World Geography is essential for developing informed global citizens capable of navigating an increasingly interconnected world. This course teaches students not just where places are, but why they matter, focusing on the complex interactions between human societies and the physical environment. Through the study of global systems, including climate, resource distribution, migration, and trade networks, students develop crucial spatial reasoning and critical thinking skills necessary for analyzing complex contemporary issues like climate change and geopolitical conflicts through the lens of diverse cultures and perspectives.

AP EUROPEAN HISTORY

Grade Level:	9, 10, 11, 12	Credit:	1
Prerequisite:	-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. This class meets the World History requirement. **Students must complete any summer assignments before the first day of the course. Students must take the AP Exam for this course.**

ECONOMICS

Grade Level:	10, 11, 12	Credit:	1/2
Prerequisite:		Length:	Semester
Notes:		Fee:	

This course, intended for all levels of learners, introduces students to the fundamental concepts of economics and the decision-making processes that shape our world. Students will explore how individuals, businesses, and governments navigate unlimited demand but limited resources. Topics include supply and demand, market structures, the role of government, global trade, and current economic issues. Through simulations, real-world case studies, and group projects, students will apply economic reasoning to everyday situations such as saving, spending, and evaluating trade-offs. By the end of the course, students will be able to interpret economic data, understand the forces that influence prices and employment, and make informed decisions as consumers and citizens in an interconnected economy. Highly encouraged to be taken in conjunction with government junior year, or as an elective for those exploring business in college. **This class meets the financial literacy requirement.**

AP MICRO/MACRO ECONOMICS

Grade Level:	11, 12	Credit:	1
Prerequisite:	-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 firms (Microeconomics) and between countries (Macroeconomics). The course emphasizes opportunity costs, setting prices, evaluating costs, labor, wealth distribution, product and factor markets, trade deficits, externalities, and fiscal and monetary policy. 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 take both AP Exams for this course (AP Microeconomics and AP Macroeconomics).**

AP U.S. HISTORY

Grade Level:	10, 11, 12	Credit:	1
Prerequisite:	-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 preparation for student success in the venture. The AP course will include studying the American experience from Colonial times through the Cold War era. This class meets the American History requirement. **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 descriptions, 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:	-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, through psychology, students will demonstrate a greater awareness and appreciation of individual and group differences in world society. **Students must complete any summer assignments before the first day of the course. Students must take the AP Exam for this course.**

HISTORY THROUGH SPORTS

Grade Level:	10, 11, 12	Credit:	1/2
Prerequisite:		Length:	Semester
Notes:		Fee:	

In this course students will examine the development of sports through various historical perspectives. There will be an emphasis on helping students gain a better understanding of the inner relationship that sport has on social, economic, cultural, and political forces that are at work in the United States as well as the world. Students will examine the historical context as well as the significance of gender, race, ethnicity and social class through readings, primary sources, audio and visual materials as well as class discussions.

HISTORY OF ROCK AND ROLL

Grade Level:	10, 11, 12	Credit:	1/2
Prerequisite:		Length:	Semester
Notes:		Fee:	

In this course, students will examine developments in culture during the 20th and 21st centuries through the birth and evolution of rock and roll music. From roots of American blues and gospel to the fragmentation of rock and roll into its many branches, students will consider how historical events shaped the sounds, lyrics, and styles of generations. *As the occasional explicit language, lyrics and some mature themes may be present in materials, parent/guardian permission is required for this course.*

PHILOSOPHY

Grade Level:	10, 11, 12	Credit:	1/2
Prerequisite:		Length:	Semester
Notes:		Fee:	

This introductory course will serve as an inquiry into the foundations of philosophy. Primary sources from notable philosophers throughout history, from Socrates to Friedrich Nietzsche will guide students through developments in the ways humans consider the fundamental questions of existence, reason and knowledge.

STUDENT SERVICES

AFFECTIVE EDUCATION

Grade Level:	9, 10, 11, 12	Credit:	1/2 (this is a pass/fail course)
Prerequisite:	-Teacher recommendation	Length:	Semester
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.

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 give students 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.

ART TEAMMATES

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

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.

ACADEMIC RESOURCE CENTER (ARC)

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

Academic resource center is a support class for students to help improve their academic success.

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, and time management). Students will work on specific IEP goals and objectives. Students will also improve their technical skills and receive assistance with homework and study habits.

TECHNOLOGY EDUCATION

WOODWORKING

Grade Level:	9, 10, 11, 12	Credit:	1/2
Prerequisite:	None	Length:	Semester
		Fee:	\$80.00 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:	\$80.00 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.

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 reading, writing exercises, and 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 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 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:	None

German 1 is the foundation course for studying the German language and the cultures of 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

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

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 the 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.

GERMAN 3

Grade Level:	10, 11, 12	Credit:	1
Prerequisite:	German 2	Length:	Year
		Fee:	None

German 3 continues the study of the German language and the cultures of German-speaking countries. Students will review content from German 1 and 2 and continue to work towards increasing their proficiency levels in the following areas: reading, listening, speaking, writing, and culture. They will expand their vocabulary and the use of language structures, including tenses and cases.

SPANISH 1

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

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. Studying 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:	None

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:	None

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 and 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.

HONORS SPANISH 4

Grade Level:	11, 12	Credit:	1
Prerequisite:	-Spanish 3 -Intent Form	Length:	Year
Notes:	-Course provides service to gifted education students	Fee:	None

Spanish IV is an upper-level course that includes advanced work in all aspects of language study as the students work towards refining listening, speaking, reading, and writing skills. Students will devote an average of 20 minutes a night to independent study and 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 LANGUAGE AND CULTURE

Grade Level:	11, 12	Credit:	1
Prerequisite:	-Spanish 4 -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

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.

AMERICAN SIGN LANGUAGE 3

Grade Level:	10, 11, 12	Credit:	1
Prerequisite:	-ASL 2	Length:	Year
		Fee:	None

This course is a continuation of ASL II, 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. Students will continue to examine cultural aspects of the Deaf community and the Deaf experience in the United States.

AMERICAN SIGN LANGUAGE 4

Grade Level:	10, 11, 12	Credit:	1
Prerequisite:	-ASL 3	Length:	Year
		Fee:	None

This course is a continuation of ASL III. It will focus 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. Students will continue to examine cultural aspects of the Deaf community and the Deaf experience in the United States.

COLLEGE CREDIT PLUS (CCP) IN HOUSE OFFERINGS *NEW FOR 2026-2027

The below CCP classes will be offered by Stow Munroe Falls High School teachers through Stark State.

The student is eligible for the CCP program if the student meets any one of the following criteria:

- Obtains a remediation - free score on one of the standard assessment exams.
- Has a cumulative unweighted high school GPA of at least 3.0
- Has a cumulative unweighted high school GPA of 2.75 but less than 3.00 and received an "A" or "B" grade in a relevant high school course.

COLLEGE COMPOSITION I (ENG124)

Grade Level:	11, 12	Credit:	1
Prerequisite:	CCP Admission	Length:	Semester
		Fee:	None

This course emphasizes writing based on reading response with review of essay development, grammar, and punctuation. Emphasis is on the process of drafting, revising, and editing to achieve clarity. A research project requires APA or MLA documentation.

COLLEGE COMPOSITION II (ENG 231)

Grade Level:	11, 12	Credit:	1
Prerequisite:	CCP Admission, College Comp I	Length:	Semester
		Fee:	None

This course will build on the skills and knowledge obtained in College Composition including research and inquiry. Students will develop an understanding of rhetoric, argument, and language as they explore and write about complex topics in formal papers.

STATISTICS (MATH124)

Grade Level:	11, 12	Credit:	1
Prerequisite:	CCP Admission, Geometry	Length:	Semester
		Fee:	None

This course introduces the student to statistical thinking and the use of statistical methods for gathering and analyzing data. The focus is on graphical, tabular, and numerical methods for summarizing distributions. Fundamental concepts of probability are introduced as well as the concepts of discrete (binomial) and continuous (normal) probability distributions and their importance to inferential statistics. Point estimates and interval estimates of population means and standard deviations are obtained stressing the importance of random sampling. Hypothesis testing of one sample mean and proportions is used for statistical inference. Chi-Square goodness-of-fit test and least squares regression analysis for linear correlation are computed manually and with a statistical package such as SPSS, SAS, Minitab, Excel, or similar technology.

COLLEGE ALGEBRA (MATH125)

Grade Level:	11, 12	Credit:	1
Prerequisite:	CCP Admission, Algebra 2	Length:	Semester
		Fee:	None

In this course, students will study linear, quadratic, polynomial, radical, rational, exponential, logarithmic, and piecewise (including absolute value) equations and inequalities by applying analytical, graphical, and numerical methods of solution. Elementary functions will be examined with reference to extrema, roots (zeros), and end-behavior of their respective graphs. Theory of equations including the Remainder and Factor Theorems, The Rational Root Theorem, and Descartes' Rule of Signs will be used for non-graphical analysis of higher-order polynomial functions. Systems of equations will be solved by traditional algebraic methods.

ENVIRONMENTAL SCIENCE (BIO126)

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

This introductory science course explores environmental science through outdoor field experiences and ecological sampling. Topics covered include biodiversity; energy; human population growth; pollution of water, air, and soil; waste management; and urbanization. Emphasis is placed on cooperative learning, analytical thinking, problem-solving, and ecological sampling as students investigate various environmental issues. Laboratory and field experiences reinforce foundational ecological and environmental principles.

MEDICAL TERMINOLOGY (BIO125)

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

An introduction to medical word structure, including prefixes, suffixes, roots, plurals and abbreviations. Spelling, definitions and pronunciation are stressed and reinforced by frequent examination.

INTRODUCTION TO ANATOMY & PHYSIOLOGY (BIO101)

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

This course investigates basic human anatomy and physiology using a science-based approach. Students are introduced to principles of the scientific method as they explore basic chemistry, cells, tissues and the key functions of each body system.

HUMAN BIOLOGY (BIO127)

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

This course introduces the scientific study of the human body through basic biology, evolution, genetics, development, and a survey of the major body systems. This is a lab-based course applying hands-on interactive activities to measure, record and evaluate the functions of the body systems. The course is designed for non-science majors and will guide the student in a multidisciplinary study of human life.