

FAIRVIEW HIGH SCHOOL

PROGRAM OF STUDIES

2023/2024



Dear Parents and Students:

This Program of Studies for the students of Fairview High School exists to prepare students for life-long learning. In order to be college and career ready, our society demands that students possess the fundamental abilities to read, write, compute and process information. The ability to think critically and seek solutions through a variety of methods of problem-solving can only be attained through a rigorous high school program. This booklet contains the course offerings of Fairview High School for the 2023/2024 school year. Specific information regarding course descriptions, credit and graduation requirements and sample programs can be found in this booklet. These sample “Programs of Studies” are provided to help students in developing a four-year program.

The faculty and administration of Fairview High School strongly recommend a program of development that includes additional credits beyond the minimum required for graduation. In addition, it is imperative that college bound students challenge themselves with four years of the core classes (English, Math, Science and Social Studies) in preparation for post-secondary education.

Our school counselors are available to meet with students and parents to help in preparing the appropriate academic program and in selecting courses. Please call the Counseling Office at (440) 356-3500, ext. 4147, for an appointment.

The entire Fairview High School staff stands ready to assist you with decisions regarding your program of development. Please do not hesitate to ask for help and advice. We hope that you will take advantage of the many opportunities available to gain an excellent education in an environment designed to help you succeed.

Sincerely,

Chris Vicha
Principal

General Information for Grades 9 through 12 ... The curriculum program at Fairview High School is based on a full schedule of academic courses with a half hour for lunch. It is strongly recommended that students carry a full schedule. In some cases, it is advantageous for students to have one (1) study hall period for study and / or tutoring services.

PROMOTION/FAILURE ... Our program of development is based on four (4) years of study and hard work. Students who fail courses and fall behind may seriously jeopardize completing their academic program in four (4) years. Failure of required courses necessitates make-up through rescheduling, online courses, or summer school at **student's/parent's expense**. Some courses are not available in summer school. Students will be promoted to the next grade level at the end of each year.

STUDENT COURSE LOAD ... A typical yearly load for a student is considered to be five (5) to seven (7) subjects plus health and physical education (with an average minimum credit value of 5.5) to graduate on time. Students may not take two (2) years of a sequential course in the same year. No student may carry less than five (5) credits in a school year. Students must also carry a minimum of two and one half (2.5) credits per semester.

GRADUATION REQUIREMENTS ... MINIMUM Requirements for Graduation from Fairview High School are:

1. **ATTENDANCE...**A student must have eight (8) semesters of secondary school attendance following completion of the eighth grade.
2. **CREDIT REQUIREMENTS...**For graduation, a student must earn a MINIMUM of twenty-one (21) credits. This is a minimum. Students generally accumulate, and are encouraged, to earn a number of credits beyond twenty-one (21) credits.

For Classes of 2024 & 2025 the below the credit requirements are listed below.

<u>DEPARTMENT</u>	<u>CREDITS</u>
English	4.00 credits
Mathematics	4.00 credits (with a min. of 1 cr. In Alg. 2)
Science	3.00 credits (including 1.0 of Physical Science and 1.0 of Biology)
Social Studies	3.00 credits (1.0 of U.S. History, 1.0 Government and 1.0 World History)
Physical Education	.50 credit
Health Education	.50 credit
Fine Arts	1.00 credit
Required Total	16.00 credits
Elective Total	<u>5.00 credits</u>
TOTAL	21.00 credits

For Classes of 2026 and Beyond:

Same as above with Financial Literacy Credit of 1.0 credit and Elective totals of 4.0 credits.

3. **OHIO STATE TESTS/END OF COURSE EXAMS (COMPETENCY)**...Students are required to take six (6) End of Course exams throughout high school including: Algebra, Geometry, English/Language Arts 2, Biology, U.S. History, and Government. *
 4. **GRADUATION SEALS**...Students must earn a minimum of two seals; one must be a State defined seal. *
- *PLEASE SEE ATTACHED DOCUMENT FOR DETAILED INFORMATION***

HONORS DIPLOMA...Ohio students have the opportunity to choose to pursue one of six Honors Diplomas.

1. [Academic Honors Diploma](#)
2. [International Baccalaureate Honors Diploma](#)
3. [Career Tech Honors Diploma](#)
4. [STEM Honors Diploma](#)
5. [Arts Honors Diploma](#)
6. [Social Science and Civic Engagement Honors Diploma](#)

ADVANCED CREDIT FOR STUDENTS BELOW 9TH GRADE ... Students below the ninth (9) grade who are approved to take advanced work in the high school will receive credit on their transcripts for the courses taken and passed. Courses taken and completed before the ninth (9) grade will be calculated in the student's grade point average, in calculating class rankings and used in meeting Honors Diploma requirements.

TRANSFER STUDENTS ... The placement and classification of a new student depends upon the evaluation of his/her academic record from his/her former school. The record will be evaluated on the basis of the Ohio High School Standards.

GRADE POINT AVERAGE ... A student earns grades in his/her class on a numerical scale according to the total number of quality points earned. The following point values are assigned to letter grades:

A = 4.00	B- = 2.75	D+ = 1.25
A- = 3.75	C+ = 2.25	D = 1.00
B+ = 3.25	C = 2.00	D- = .75
B = 3.00	C- = 1.75	F = .00

WEIGHTED GRADES ... All Advanced Placement courses are weighted. They receive one (1) additional quality point. Those courses are AP Language & Composition, AP Literature & Composition, AP Biology, AP Physics, AP Environmental Science, AP U.S History, AP Government, AP World History, AP French, AP Spanish, AP Computer Science/Principles, AP Seminar, AP Research, AP Calculus, and AP Probability and Statistics. Advanced courses receive .5 quality points and are as follows: Advanced English 9, Advanced English 10, Advanced U.S. History, Advanced French IV, Advanced Spanish IV, Advanced Geometry, Advanced Algebra, Advanced Algebra 2/Trigonometry, Advanced Pre-Calculus, Advanced Biology, and Advanced Chemistry.

College Credit Plus courses are also weighted when the course is determined to be the equivalent of a weighted high school Advanced Placement or Advanced course. **A grade of “D+” or below in any AP or Honors course will not be weighted.**

SCHEDULE CHANGES/DROP POLICY ... Choosing courses that fit your program of development is an extremely important process. Students and parents must work together in selecting those courses that help meet graduation requirements and the student’s post-secondary plans. **Academic change requests (for core classes) after June 1st will require a meeting with Administration and a Parent/Guardian.** The Add/Drop period for electives occurs during the first week of each semester. All course changes require Administrative approval.

No changes will be made to accommodate class periods, instructors, or lunch periods.

EARLY GRADUATION POLICY See Student Handbook for details of the policy of the Board of Education.

COURSE CANCELLATION ... Any course may be canceled because of insufficient enrollment or limited staffing. In such cases, students who signed up for a canceled course will be notified and alternative choices will be made.

AUDITING OF CLASSES ... Auditing a class involves, for the student and the teacher, all of the responsibilities of conventional enrollment. Specifically, this requires class attendance, responsibility for all assignments, writing all examinations and class participation. Permission for an audit must be approved by the principal. No credit may be earned. Dropping an audited course after the second full week of the semester will result in an “F”.

FEES ... All fees are subject to change as directed and approved by the Board of Education. Courses with consumable items will incur a fee.

TRANSCRIPTS ... Transcripts are available upon request in the Counseling Office. Transcripts are mailed from the center to the schools you designate.

ATHLETIC ELIGIBILITY ... An athlete must be passing five (5) units of credit towards graduation each nine (9) weeks and have a GPA of at least 2.0 that grading period to be eligible for the next nine-week grading period. This is noncumulative and covers the entire grading period.

CREDIT FLEXIBILITY ... Credit Flexibility is any alternative coursework, assessment or performance that demonstrates proficiency so that graduation credit can be awarded with approval of the school district. Approved credit awarded through this policy will be posted on the student’s transcript and counted as required graduation credit in the related subject area or as an elective. For more information, visit the credit flexibility information page on our district, building and/or Ohio Department of Education web sites.

ADVANCED PLACEMENT COURSES ... These courses are designed according to the curriculum of The College Board. They are extremely challenging and students should expect to encounter heavy homework assignments, extra writing, and intensified study. These college level courses will be a challenge to the student. Only those who are willing to work hard and make a strong commitment to studying should apply. **STUDENTS IN ADVANCED PLACEMENT CLASSES ARE REQUIRED TO TAKE THE COLLEGE BOARD AP EXAM FOR WHICH A FEE IS CHARGED. STUDENTS SEEKING TO DROP AP COURSES AFTER JUNE 1ST MUST SCHEDULE A MEETING WITH COUNSELOR, ADMINISTRATOR AND PARENT/GUARDIAN.**

COLLEGE CREDIT PLUS ... students may attend college classes for high school credit and college credit. Courses must apply towards a degree or certification program and no remedial courses will be allowed as part of this program. Course grades will be computed in the G.P.A. at the end of each semester. Students must talk to their school counselor and sign an *Intent to Participate* form **by April 1st** of each year. Examples of pathways from Cuyahoga Community College are as follows:

**ASSOCIATE OF ARTS
15/30 HOUR BLOCKS**

Course Number	Course Name	Semester Hours	TAG Course
ENG 1010	College Comp I	3	Yes
HIST 1010	History of Civilization I	3	Yes
MATH	Contemporary Math	4	No
PHIL 1010	Intro to Philosophy	3	Yes
PSYC 1010	General Psychology	3	Yes
	Total	16	
ENG 1020	College Comp II	3	Yes
Hist 1020	History of Civilization II	3	Yes
SPCH 1010	Speech Communication	3	Yes
SOC 1010	Intro to Sociology	3	Yes
Laboratory Science		4	Depends on Course
	Total	16	

**ASSOCIATE OF ARTS BUSINESS FOCUS
15/30 HOUR BLOCKS**

Course Number	Course Name	Semester Hours	TAG Course
ENG 1010	College Comp I	3	Yes
ECON 2610	Macroeconomics	3	Yes
Math 1470	Math for Business I	4	No
PSYC 1010	General Psychology	3	Yes
BADM 2010	Business Communications	3	Yes
	Total	16	
ENG 1020	College Comp II	3	Yes
ECON 2620	Microeconomics	3	Yes
MATH 1480	Math for Business II	4	No
PHIL 2020	Ethics	3	Yes
SPCH 1010	Speech Communication	3	Yes
	Total	16	

PHYSICAL EDUCATION CREDIT ... In accordance with Board Policy 6.16, students who participate in approved interscholastic athletics or activities for at least two (2) full seasons are not required to complete the physical education one-half unit to graduate. However, the student **MUST** complete one-half (½) unit in another course of study. **Students MUST turn in a PE Waiver form in order for credit to be assigned.**

**SAMPLE PROGRAM OF STUDIES
College Core Curriculum**

The College Core Curriculum stresses those subjects recommended below.

English	4.00 credits
Social Studies	4.00 credits
Mathematics	4.00 credits
Foreign Language	2.00 credits (many colleges recommend 3)
Science	4.00 credits (many colleges recommend 3 lab courses)
Other Electives (1 credit of Fine Arts)	2.00 credits
Health & Physical Education	<u>1.00 credit</u>
Total	21.00 credits

Career-Technical Education

Polaris offers a wide range of exciting career-technical programs for students beginning in 11th grade, all featuring high-quality training in a state-of-the-art setting.

PLEASE SEE ATTACHED DOCUMENT FOR DETAILED INFORMATION

English	4.00 credits
Social Studies	3.00 credits
Mathematics	4.00 credits
Science	3.00 credits
Ind./Voc. Electives	6.00 credits
Health & Physical Education	<u>1.00 credit</u>
Total	21.00 credits

OHIO BOARD OF REGENTS' RECOMMENDATIONS ... In Ohio, admissions officers at four-year colleges are looking for students who have successfully completed the Ohio Core Curriculum. Ohio Core is a solid set of high school courses that cover English, Mathematics, Science and Social Studies.

The Ohio Core Curriculum includes:

- 4 years of English
- 4 years of math, including Algebra II or its equivalent
- 3 years of lab-based science, including physical science and biology and one year selected from chemistry, physics, advanced biology or engineering science.
- 3 years of social studies including American History and American Government
- ½ unit of Health
- ½ unit of Physical Education
- 6 units to be chosen from foreign language, fine arts, business, technology and career technical

COURSE LISTINGS

ENGLISH

	Freshman Year	Sophomore Year	Junior Year	Senior Year
English	English 9	English 10	English 11	English 12
Advanced Pathway	Advanced English 9	Advanced English 10/AP Capstone: Seminar	Advanced Placement Language and Composition	Advanced Placement Literature and Composition

English 9

Course Number	100	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	9	Prerequisites	None

Description: In this program of language, literature, and composition, the stress is placed on the expansion of the grammatical base and development of vocabulary established in junior high. Students are also given exposure to various types of literature, particular novels, short stories, fiction, and nonfiction. The development of narrative, expository, and descriptive paragraphs is stressed in composition.

Advanced English 9

Course Number	101	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	9	Prerequisites	Recommendation

Description: In the advanced section a more demanding reading program pertaining to supplemental books is undertaken. Like English 9, language, composition, and vocabulary is stressed. Recommendation is needed from the eighth grade ELA teacher to be placed in this course. This is a rigorous academic course that includes a formal research paper. This course is weighted .5 quality points in the GPA.

English 10

Course Number	102	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	10	Prerequisites	English 9

Description: Basic curriculum including grammar, composition, language, and literature are covered in this course. Students will read works of American authors and write responses to that literature. Vocabulary is given special emphasis. Communication skills needed by the student are enhanced and composition skills are expanded into understanding and writing the essay.

Advanced English 10

Course Number	103	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	10	Prerequisites	Recommendation

Description: Basic curriculum components including grammar, composition, language, and literature are covered in these courses. Students will read works of American authors and write responses to that literature. Vocabulary is given special emphasis. In the advanced program, topics are covered in depth and supplemental reading will be undertaken. This course is weighted .5 quality points in the GPA.

English 11

Course Number	105	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	11	Prerequisites	English 10

Description: Composition will develop basic writing skills in narration, description, and explanation. Writing assignments will be expository, analytical, and narrative. A formal paper is a course requirement. Students will read works from a variety of authors and write responses to that literature. Vocabulary acquisition will be emphasized.

English 12

Course Number	108	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	12	Prerequisites	English 11

Description: This course will cover a range of literature drawn from various time periods and cultures. Writing assignments will reflect the college and career requirements (cover letters, resumes, etc.) along with analytical and research processes. Vocabulary acquisition and communication skills will be stressed.

AP Literature & Composition

Course Number	109	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	12	Prerequisite	Recommendation

Description: Designed to be a college level course, rich in higher level thinking, AP English Literature and Composition will challenge, inspire and enrich the eager literature student. Using works that range from the sixteenth through the twenty-first century and as well several genres and modes, the reading, writing, listening and speaking experiences will broaden human understanding about the world around us today. Students, therefore, should expect a rigorous undergraduate English experience with intellectual challenges and a considerable workload that culminates with the AP English and Literature Exam in May. The cost of the AP Exam is included in the course fees. Upon earning a 3 or higher, the student will be awarded college credit which is accepted at most colleges and universities.

AP Language & Composition

Course Number	106	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	11	Prerequisite	Recommendation

Description: Designed to be a college level course, rich in higher level thinking, AP English Language and Composition will challenge, inspire and enrich the eager writing student who has a passion for argument and analysis. Using a variety of materials (novels, fiction/non-fiction, poems, articles, essays, short stories, visuals-art/pop, art/photography/media, film, short film, news programs interviews, audio and video clips, etc.) chosen for their merit in the discussion/analysis of high interest cultural topics (previous topics have included: Education, Food, Beauty Standards, Gender Issues, Race and Religion in America, Politics and Economics and the Environment). Students, therefore, should expect a rigorous undergraduate English experience with intellectual challenges and considerable workload that culminates with the AP English Language and Composition Exam in May. The cost of the AP Exam is included in the course fees. Upon earning a 3 or higher, the student will be awarded college credit with is accepted at most colleges and universities.

AP Capstone: Seminar

Course Number	104	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	10	Prerequisite	Recommendation

Description: In this yearlong course, students develop and strengthen analytic and inquiry skills, exploring two to four relevant issues chosen by the student and/or teacher. For example, students might explore the question of whether national security is more important than a citizen's right to privacy, or whether genetic engineering is a benefit to society. Using an inquiry framework, students practice reading and analyzing articles; research studies; foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to consider an issue from multiple perspectives, evaluate the strength of an argument and make logical, fact-based decisions. Students question, research, explore, pose solutions, develop arguments, collaborate and communicate using various media. After taking AP Seminar, students will have the opportunity to further hone their inquiry and analytical writing skills in AP Research.

AP Capstone Seminar Assessment: AP Seminar students are assessed with two (2) through-course performance tasks and one (1) end-of-course exam. The performance tasks consist of an individual research report and a team project and presentation and an individual research-based essay and presentation. All three assessments are summative and are used to calculate a final AP score of 1 to 5. Both the team and individual presentations are teacher-scored. The end-of-course exam is in May; it takes two (2) hours and consists of three (3) short-answer questions and one (1) essay question.

FINE ARTS

Through the Lens I

Course Number	017	Credit	.5
Course Fee	TBD	Length of Course	Semester
Grade	9-12	Prerequisite	None

Description: This is an introductory course that will explore the elements of Photography and Video. Students will learn the technical aspects of Pre-production, Production and Post-production for Photography and Video. Students will explore the art of telling stories through imagery, editing and publishing their work. Students will use a wide variety of software and equipment such as Final Cut Pro, Photoshop and Lightroom.

Through the Lens II

Course Number	018	Credit	.5
Course Fee	TBD	Length of Course	Semester
Grade	9-12	Prerequisite	Through the Lens I

Description: Students will apply the elements learned in Through the Lens I to formulate an individual voice and personal style through the Photography and/or Video medium. This will be a self-paced course where students will propose a personalized learning path, document and reflect on their progress and publish their work for public display.

Digital Media & Emerging Technologies

Course Number	021	Credit	.5
Course Fee	TBD	Length of Course	Semester
Grade	9-12	Prerequisite	None

Description: This will be a self-guided course that allows students to choose a digital media concept and design projects that explore that concept in-depth. Students will be required to provide a weekly log of progress and will produce a final capstone project/presentation. Some media concept to choose from would be:

Industrial Design

Course Number	023	Credit	.5
Course Fee	TBD	Length of Course	Semester
Grade	9-12	Prerequisite	None

Description: Students will work in a collaborative learning environment where they will research and conceptualize, problem solve and refine ideas in order to develop innovative design solutions. Students will use drawing, modeling and computer-aided tools to design consumer products such as automobiles, toys, furniture, jewelry and footwear as well as individual areas of interest.

Video Production

Course Number	038	Credit	.5
Course Fee	TBD	Length of Course	Semester
Grade	9-12	Prerequisite	None

Description: This course introduces students to the theory and hands on application of video studio production and Television. Emphasis is on learning and applying terminology, aesthetics and fundamental principles to planning and producing television programs for airing in school, on cable and on the Internet. Students will gain experience with planning and producing content for school events and producing the morning news. Students will work in production teams in the studio and in the field to complete programs including editorials, interviews, commercials and promotional material as well as entertainment media.

Introduction to Drawing and Painting

Course Number	024	Credit	.5
Course Fee	TBD	Length of Course	Semester
Grade	9-12	Prerequisite	None

Description: This course will provide the student with a strong foundation in drawing and painting. With an emphasis on technical and problem-solving skills, students will learn observational drawing techniques and processes and will be introduced to the materials and approaches to painting as a means of expression and communication.

Intermediate Drawing and Painting

Course Number	025	Credit	.5
Course Fee	TBD	Length of Course	Semester
Grade	9-12	Prerequisite	Intro. to Drawing & Painting

Description: This course offers a continued study in drawing and painting concepts and techniques. Students begin building a personal artistic style through the exploration of a variety of subjects, strategies and experimental processes. The investigation and discussion of contemporary art and artists will aid the students in this process.

Accelerated Drawing and Painting

Course Number	026	Credit	.5
Course Fee	TBD	Length of Course	Semester
Grade	9-12	Prerequisite	Inter. Drawing & Painting

Description: Designed as a self-directed course, students are responsible for developing and presenting a body of self-initiated work that expresses a personal vision and style. Students will receive personalized guidance and feedback through discussions, critiques and collaboration. With teacher recommendation, this course may be repeated for credit.

Foundations of Art and Design

Course Number	027	Credit	.5
Course Fee	TBD	Length of Course	Semester
Grade	9-12	Prerequisite	None

Description: This course examines the elements and principles of design as they relate both two-dimensionally and three-dimensionally in the visual arts. Using a broad variety of media including drawing, painting, printing and sculpture, an emphasis will be on learning design concepts and creation of artwork. Personal expression, innovation, creative problem-solving and real-world applications will be provided in this course.

Sculpture and Expanded Media I

Course Number	028	Credit	.5
Course Fee	TBD	Length of Course	Semester
Grade	9-12	Prerequisite	None

Description: This interdisciplinary course allows students to have the opportunity to work 3-dimensionally in a variety of media, including clay. Craftsmanship, design and aesthetics will be emphasized as students create utilitarian and non-utilitarian forms. Students will explore various building and assembling processes and how things can be put together to give it context and meaning.

Sculpture and Expanded Media II

Course Number	029	Credit	.5
Course Fee	TBD	Length of Course	Semester
Grades	9-12	Prerequisite	Sculpture and Expanded Media I

Description: Through guided instruction, students have the opportunity for a more intensive study of the sculpture process. In this course, students will begin developing a personal style and vision using media of their choice. An emphasis will be placed on craftsmanship, design, aesthetics and creativity. With teacher recommendation, this course may be repeated for credit.

Introduction to Illustration and Graphic Design

Course Number	031	Credit	.5
Course Fee	TBD	Length of Course	Semester
Grade	9-12	Prerequisite.	Intro to Drawing & Painting

Description: This course introduces students to fields of art that inspire and inform the consumers. Students will conceptualize, communicate and create visual interpretations using both traditional and digital media. With a focus on visual problem-solving, the students will gain experience in storyboarding, creating sequential art, logos, gam and interior/exterior design.

Band

Course Number	700	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	9-12	Prerequisite	None

Description: The band program consists of the Symphonic Band and the "Pride of Fairview" Marching Band. Students are expected to be a part of both the Symphonic Band and the Marching Band. Emphasis

is placed upon the performance of quality literature at the highest level possible. Exclusions from marching band require a doctor's certificate for participation in a fall sport that **directly** conflicts with marching band. Performance attendance is mandatory for all enrolled.

String Orchestra

Course Number	705	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	9-12	Prerequisite	None

Description: The String Orchestra performs at regular school concerts throughout the year. Repertoire performed is appropriate with the abilities of the members and covers a wide range of musical styles. All students currently enrolled in an orchestra class are eligible for the String Orchestra. Other interested students with prior experience must contact the director to schedule an audition.

Chamber Orchestra

Course Number	702	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	9-12	Prerequisite	Audition

Description: The Chamber Orchestra is geared toward the more advanced string players. Students in the Chamber Orchestra perform at regular school concerts as well as additional performances throughout the greater Cleveland area. The repertoire performed is advanced and covers a wide range of musical styles. Auditions for this group will occur in April and are open to all 8th-11th grade strings players. Please contact the director to schedule an audition.

Chorale

Course Number	703	Credit	.5
Course Fee	TBD	Length of Course	Semester
Grade	9-12	Prerequisite	None

Description: The Fairview High School Chorale is open to all high school students. Members of the Chorale are introduced to basic vocal skills and techniques for performing in a choral ensemble. There is continued development of vocal skills and a greater emphasis on the blend, balance and tuning of a performance choir. Music selections will consist of a variety of 3 and 4-part music. Students are given opportunities to perform at higher levels as skills improve. There is a concentration on sight singing and theory as it pertains to the music being rehearsed. Participation in the quarterly concerts is mandatory. During the fourth quarter, the Chorale will incorporate elements of movement with choreography as well as Pop and Broadway vocal techniques.

Show Choir

Course Number	704	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade 10-12 may audition; Gr.9 audition by Invitation only.		Prerequisite	Audition

Description: The show choir known as Scarlet Singers is a select ensemble that provides a special opportunity to combine vocal skills with movement and rhythmic skills in a high-energy performing group. In addition to the school concerts each quarter, this ensemble performs for several special occasions including luncheons, festivals and community events. Participation in all concerts is mandatory. Membership will be limited to students with a high school background in music and will be determined by audition. All students are expected to also take Chorale unless there is a scheduling conflict determined by the Guidance Office. Students interested in “sharing” with another music ensemble must make arrangements with the directors prior to being placed in Show Choir.

HEALTH/PHYSICAL EDUCATION

In accordance with Board Policy 6.16, students who participate in interscholastic athletics, marching band, cheerleading, drill team or synchronettes for at least two (2) full seasons are not required to complete the physical education one-half (½) unit to graduate, although the student must complete one-half (½) unit in another course of study. **Students MUST turn in a PE Waiver form in order for credit to be assigned.**

Physical Education

Course Number	501	Credit	.5
Course Fee	TBD	Length of Course	Year
Grade	9-12	Prerequisite	None

Description: Freshman Physical Education is a structured, co-educational program which provides a variety of learning experiences in team sports, individual and dual sports, aquatics (6-week requirement) and lifetime sports. There is a strong emphasis on physical fitness and testing. This course is designed for students who will not be participating in interscholastic athletics, marching band or cheerleading for their physical education requirement.

Personal Fitness & Weight Training

Course Number	504	Credit	.5
Course Fee	TBD	Length of Course	Semester
Grade	11-12	Prerequisite	None

Description: This course addresses individual fitness levels through testing, evaluation and personal program planning. Included is daily cardiovascular work as well as an intense weight-training program. A swimming component for cardiovascular fitness and personal safety is also included. This course is an elective for upperclassmen. Note: There are components of the “Bigger, Faster, Stronger” program in this course. All students are expected to keep a fitness program on their computer for evaluation and credit. The class will also participate in bowling, soccer, golf and water polo. Freshman Physical Education requirements must be satisfied in order to select this elective.

Health

Course Number	555	Credit	.5
Course Fee	TBD	Length of Course	Semester
Grade	11-12	Prerequisite	None

Description: This course introduces the student to the contemporary meaning of health and responsibilities of a wellness lifestyle. Emphasis is on exploring the “self” as it relates to a variety of timely topics. These topics include personality, suicide, cancer, tobacco and smoking, drugs/opiates prevention & abuse and addiction, human sexuality, dating relationships, contraceptives. Sexually Transmitted Diseases, nutrition and exercise, 2-year CPR certification (HeartSaver through AHA) and final assessment & project. A student may be removed from any component through written communication with the teacher.

MATHEMATICS

	Freshman Year	Sophomore Year	Junior Year	Senior Year
Math	Algebra I or Geometry	Geometry or Algebra II/Trig	Algebra II/Trig Or Math Modeling & Reasoning	Math Modeling & Reasoning or Contemp. Math
Advanced Pathway	Advanced Geometry or Advanced Algebra II/Trig	Advanced Algebra II/Trig or Advanced Precalculus	Advanced Pre- Calculus or AP Calculus AB	AP Calculus AB/BC or AP Statistics

Algebra I

Course Number	200	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	9	Prerequisite	None

Description: Algebra I is the first of four (4) math courses designated for the college bound student. Some topics include solving multi-step equations and inequalities, graphing and analyzing functions, solving systems of equations, simplifying exponential expressions, quadratics and modeling real -world situations through algebraic expressions. This course is a prerequisite for Geometry.

Advanced Algebra I

Course Number	201	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	9	Prerequisites	Recommendation

Description: Advanced Algebra I is designed for students seeking the challenge of moving through the Algebra I curriculum at a quicker pace. Students who elect this level should be self-motivated and prepared to solve more difficult problems at higher levels.

Geometry

Course Number	202	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	9-10	Prerequisite	Algebra I

Description: This course emphasizes logical reasoning. Topics include patterns, congruence, similar polygons, parallel and perpendicular lines, circles and right triangle trigonometry. There will be a moderate emphasis on algebra skills. A scientific calculator, a ruler and a compass are required.

Advanced Geometry

Course Number	203	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	9	Prerequisite	Algebra I/Recommendation

Description: This course is designated for accelerated math students. Topics are covered in more depth than in geometry and daily requirements are more rigorous. A scientific calculator, a ruler and a compass are required. This course is weighted .5 quality point in the GPA.

Algebra II/Trigonometry

Course Number	205	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	9-10	Prerequisite.	Geometry

Description: This third-year course in the college prep sequence studies linear, quadratic functions, polynomials and trigonometry. Real world modeling is emphasized. Graphing calculators are required.

Advanced Algebra II/Trigonometry

Course Number	206	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	9-10	Prerequisite	Geometry/Recommendation

Description: This is an accelerated course of Algebra II and Trigonometry. Topics are covered in more depth than in Algebra II/Trigonometry and daily requirements are more rigorous. Matrices, quadratics, functions, trigonometry and real-world modeling are emphasized. Graphing calculators are used extensively and are required. This course is weighted .5 quality point in the GPA.

Math Modeling & Reasoning Pilot

Course Number	207	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	11-12	Prerequisite	Algebra II/Trig

Description: Math Modeling & Reasoning is a fourth-year math course that aligns with Ohio's Mathematical Pathways. It is intended for students who plan on post-secondary education majoring in social sciences such as sociology/psychology, humanities (history/English/pre-law), or health sciences/medicine. The course begins with a review of Algebra II, while reinforcing and extending content in Number & Quantity, Algebra, Functions, Statistics & Probability, and Geometry. The course is designed to promote **reasoning**, **problem-solving** and **modeling** through thematic units focused on mathematical practices. Students will engage in advanced Quantitative Reasoning which is the application of mathematics skills, such as algebra, to the analysis and interpretation of quantitative information (numbers and units) in real-world contexts to make decisions relevant to daily life. Critical thinking is its primary objective and outcome. It emphasizes interpretation, representation, calculation, analysis/synthesis, assumptions and communication.

Advanced Pre-Calculus

Course Number	208	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	10-11	Prerequisite	Honors Algebra II/Trig

Description: This course is designed to give students a rigorous training for calculus. Topics include analysis of polynomial functions, trigonometry, conic sections, logarithms, probability and introduction to limits. Graphing calculators are required. The grade in this course is weighted .5 quality points in the GPA.

Contemporary Mathematics

Course Number	209	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	11-12	Prerequisite	Algebra II/Trig

Description: This course is an introduction to applications of mathematics in contemporary life as well as financial literacy, dimensional analysis as applied to measurement and unit conversions, graph theory, topics in probability and descriptive statistics and applications of mathematics in contemporary life.

AP Calculus A/B

Course Number	211	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	11-12	Prerequisite	Recommendation

Description: Students who performed at a C level or higher in pre-calculus are eligible for AP Calculus. This course is a rigorous study of calculus using the AB syllabus. Students must complete a summer packet before school starts and are expected to spend 1-2 hours on daily homework. Graphing calculators are required. The grade in this course is a weighted one (1) full quality point in the GPA. Students are required to take the AP Exam in May. The cost of the AP Exam is included in the course fees.

AP Calculus B/C

Course Number	215	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	11-12	Prerequisite	Recommendation

Description: This year-long course is open to students who have successfully completed AP Calculus A/B. Participants will explore the concepts, methods, and applications of differential and integral calculus, including topics such as parametric, polar, and vector functions, and series. They will perform experiments and investigations and solve problems by applying your knowledge and skills. The course culminates with the AP Exam. More information can be found here: [AP Calculus B/C](#)

AP Statistics

Course Number	212	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	11-12	Prerequisite	Algebra II/Trig.

Description: Students who have successfully completed an Algebra II course are eligible to take AP Statistics. This course is a rigorous study of statistics following the College Board course of study. Topics will include experimental design, exploring data, sampling techniques, probability and inference. Students are expected to spend 1-2 hours on daily homework. Graphing calculators are required (TI-84 plus-preferred model). The grade in this course is weighted one (1) full quality point in the GPA. Students are required to take the AP Exam in May. The cost of the AP Exam is included in the course fees.

SCIENCE

LS = Life Science

PS = Physical Science

Suggested Pathways by Grade Level:

Freshman Year	Sophomore Year	Junior Year	Senior Year
Biology (LS)	Physics (PS) or Chemistry (PS)	Material Science (PS) Anatomy & Physiology (LS) Environmental Science (LS) or Physics (PS) or Chemistry (PS) if not already taken	Materials Science (PS) Anatomy & Physiology (LS) Environmental Science (LS) or any course not already taken
Advanced Biology (LS)	Advanced Chemistry (PS)	AP Physics I (PS) AP Biology (LS) or Any advanced course not already taken	AP Physics (PS) AP Biology (LS) AP Environmental Science (LS) or any other course not taken

Biology

Course Number	300	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	9 & 10	Prerequisite	None

Description: Biology is a ninth-grade course that focuses on inquiry and investigation. This course investigates the composition, diversity, complexity and interconnectedness of life on Earth. Students create individual and group projects to demonstrate understanding of course content. Fundamental concepts of heredity and evolution provide a framework through inquiry-based instruction to explore the living world, the physical environment and the interactions within and between them. Through activities and labs, students will explain the behavior of living things in a variety of scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications.

Either Biology or Advanced Biology is required to graduate high school.

Advanced Biology

Course Number	301	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	9-10	Prerequisite	Recommendation

Description: Advanced Biology is a laboratory-centered course designed for college-bound students interested in science-related fields. Students planning on taking AP Biology should take Advanced Biology as a prerequisite. The structure, function and evolution of living organisms are explored in detail. Reproduction of organisms and heredity traits of plants, animals and evolution are studied. Students taking Advanced Biology should have a strong work ethic, be independent and self-motivated workers and interested in science. This course is weighted .5 quality points in the GPA. Students should be willing to perform a significant number of independent, out of class assignments.

Materials Science

Course Number	304	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	11-12	Prerequisite	Biology

Description: This course involves the study of solid matter-the properties and basic chemistry of solids, metals, ceramics/glass, polymers and composites. Students will participate in lab investigations, projects, demonstrations and problem solving. A multi-instructional approach is used in the course. This approach focuses on solving problems, creating student projects, working in small groups on open-ended experiments, writing as a means of learning, participating in demonstrations and activities, using experts in materials and using a large variety of written resources and videos. The students will experience many activities that require critical thinking and problem-solving skills. This lab-oriented, hand-on class will use a record-keeping method that is referred to as "journaling". The students will use a journal (binder) to keep a daily record of class events. Class events will include: activities, demonstrations, note-taking, extended labs, article summaries, reflections, etc. Students will also receive help in learning to organize their journals.

Chemistry

Course Number	302	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	10-12	Prerequisite	Algebra I preferred

Description: Chemistry is designed for college-bound students who are not intending to pursue a science degree. The course meets the needs of students who plan technical or allied health careers. Students are taught lab skills applicable to studies in other science courses. Theoretical aspects of chemistry such as atomic structure, atomic theory, stoichiometry, bonding, physical states of matter and energy relationships in chemical reactions are studied. A scientific calculator is required.

Advanced Chemistry

Course Number	303	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	10-12	Prerequisite	Advanced Biology/ Advanced Algebra Preferred

Description: Advanced Chemistry is designed for college-bound students interested in a science related major or minor in college. Theoretical aspects of chemistry such as atomic structure, atomic theory, stoichiometry, bonding, physical states of matter and energy relationships in chemical reactions are studied. Students must have a competent mathematics background for successful completion of this course. A scientific calculator is required. This course is weighted .5 quality point in the GPA.

AP Biology

Course Number	307	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	11-12	Prerequisite	Advanced Biology, Chemistry/Advanced Chemistry

Description: Advanced Placement Biology is a College Board, second-year biology program requiring extensive laboratory work in all areas of advanced biology. As an AP course, it offers college level work for students interested in biological or medical careers. Approval of the instructor is necessary for enrollment. The grade in this course is weighted one (1) full quality point in the GPA. It is STRONGLY recommended that students take and pass chemistry prior to enrolling in AP Biology. A summer assignment and extensive homework are required. Students are expected to take the AP Exam in May. The AP exam fee is included in the course fees.

Physics

Course Number	305	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	10-12	Prerequisite	Successful experience in Algebra I

Description: Physics is a systematic study of the predictive physical interactions of matter and subsequent events that occur in the natural world. The content of this course will include the study of forces and motion, energy transformations, waves, electricity and magnetism. Laboratory activities will introduce, support and apply concepts. Students engage in investigations to understand and explain the behavior of

nature in a variety of inquiry and design scenarios that incorporate critical thinking, scientific reasoning, analysis, communication skills and real-world applications.

Anatomy & Physiology

Course Number	309	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	11-12	Prerequisite	Two years of any science

Description: Anatomy & Physiology is a college preparatory lecture and lab-based course focused on the application of knowledge to real clinical situations and career development. This course will focus on the study of the human body by examining biochemical processes, structure and function and the interaction of body systems. These principles will be integrated with many topics including genetics, biotechnology, disease and medicine. The course will include dissection and students should be willing to participate. This course is designed for juniors or seniors who want to attend medical school or pursue a career in the medical field in areas such as nursing, veterinary, physical/occupational therapy and athletic training.

Environmental Science

Course Number	308	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	11-12	Prerequisite	Two years of science

Description: Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, ethics, political science, economics, chemistry, and geography. Environmental Science is a project-based course that provides students the opportunity to practice applying scientific methods to practical, real-life problems. Students are challenged to analyze environmental concepts and processes in order to propose and justify solutions to environmental problems. Students will have the opportunity to engage in service-learning, career development, and hands-on, inquiry-based laboratory and/or fieldwork investigations.

AP Environmental Science

Course Number	315	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	11-12	Prerequisite.	Two years of science

Description: The AP Environmental Science course is designed to be the equivalent of an introductory college course in Environmental Science. Suggested prerequisite courses for AP Environmental Science are: Advanced Biology, Advanced Chemistry, and AP Biology. The grade in this course is weighted one (1) full quality point in the GPA. Students are expected to take the AP exam in May. The AP exam fee is included in the course fees.

[APES Course and Exam Description](#)

AP Physics I

Course Number	306	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	12	Prerequisite	Strong Algebra Skills

Description: The goal of AP Physics I is to provide students with an experience equivalent to an introductory college level physics course. Through the study of Physics, students will develop an

understanding of how physics is experienced in their everyday lives and how physics is applied in the “real world”. Students will develop and reinforce strong independent problem solving and critical thinking skills as well as collaborative problem-solving skills. AP Physics I requires a serious commitment from students prepared to devote significant time outside of class to work on class assignments and independent study. The cost of the AP Exam is included in the course fee.

SOCIAL STUDIES

	Freshman Year	Sophomore Year	Junior Year	Senior Year
Social Studies	U.S. History	Government	World History	Psychology Sociology
Advanced	Advanced U.S. History	AP U.S. History	AP Government AP Research	AP World History AP Research

U.S. History

Course Number	402	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	9	Prerequisite	None

Description: This course examines the history of the United States of America from post-Civil War (Reconstruction) to modern day twentieth and twenty-first century history. This course will also include a review of the origins of American government and its founding documents. The causes and results of the major military, political, economic and social movements are at the core of the course with an emphasis being placed on the late nineteenth and twentieth centuries. 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 student is expected to continue to improve study habits and to develop the necessary skills which will promote a better understanding of the story of our nation.

Advanced U.S. History

Course Number	403	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	9	Prerequisite	Recommendation

Description: Advanced U.S. History is a two-semester survey covering post-Civil War (Reconstruction) to the present. The reading and writing demands of the course are substantial, with a focus on preparation for the skills necessary in future AP courses. Subject matter will be presented chronologically with an emphasis on the political, social, economic and cultural development of our nation. Students will develop a better understanding of the great issues in United States history while improving their writing, research,

and critical thinking skills using both primary and secondary sources. This course is weighted .5 quality point in the GPA.

AP U.S. History

Course Number	405	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	10	Prerequisite	Recommendation

Description: Advanced Placement United States History is a two-semester survey covering exploration and discovery to the present. The reading and writing demands of the course are substantial and equal to a college level introductory course in United States history. Subject matter will be presented chronologically with an emphasis on the political, social, economic and cultural development of our nation. Students will develop a better understanding of the great issues in United States history while improving their writing, research and critical thinking skills using both primary and secondary sources. In May, all students in this course will take the AP Exam. The cost of the AP Exam is included in the course fees. The grade in this course is weighted one (1) full quality point in the GPA.

Modern World History

Course Number	408	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	11-12	Prerequisite	None

Description: World History is the study of how our modern world has been shaped by political empires, religions and revolutionary events. In this non-linear class, current events of global concern will be examined using significant historical movements as a backdrop. This course aims to bring an old cliché to life: Those who do not know history are doomed to repeat it.

AP World History: Modern

Course Number	410	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	11-12	Prerequisite	None

Description: This course is an introductory college-level modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.

Government

Course Number	406	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	10	Prerequisite	None

Description: This course provides an analysis of the United States government and our Federal system which includes the workings of state and local governments. It will also provide an introduction to the study of the American Economic system. Students will explore contemporary political and economic issues, including those that guide individuals and nations as they make choices about how to use limited resources to satisfy their wants. More specifically, it examines the ability of individuals to use knowledge

and skills to manage limited financial resources effectively for a lifetime of financial security. Further, increased understanding of political socialization throughout the course will help students develop their Individual political ideology and identity to help in carrying out future civic duties and voting.

AP Government

Course Number	407	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	11	Prerequisite	Recommendation

Description: In AP U.S. Government, the students will be given an analytical perspective on government and politics in the United States. The students will study the general concepts of the Constitution, political beliefs and behaviors, citizen actions, the major institutions of the Federal government, public policy and civil rights and liberties. The students will also be required to interpret and analyze the concepts they are learning. Upon completing this course, the students will be able to know and understand important facts, concepts, and processes of the U.S. Government, recognize and understand typical patterns and events in politics of the United States and analyze and interpret data in charts and tables pertaining to the U.S. government. In May, all students in this course will take the AP Exam. The cost of the AP Exam is included in the course fees. The grade in this course is weighted one (1) full quality point in the GPA.

AP Capstone: Research

Course Number	107	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	11	Prerequisite.	Recommendation

Description: AP Capstone Research is designed to be a college level course, rich in higher level thinking, allowing students to deeply explore an academic topic, problem or issue of individual interest. Through this exploration, students design, plan, and conduct a year-long research-based investigation to address a research question. In the AP Research course, students further their skills acquired in the AP Seminar course by understanding research methodology; employing ethical research practices; and accessing, analyzing and synthesizing information as they address a research question. Students explore their skill development, document their processes and curate the artifacts of the development of their scholarly work in a portfolio. Students, therefore, should expect a rigorous undergraduate English experience with intellectual challenges and a considerable workload that culminates with an academic paper of 4,000-5,000 words (accompanied by a performance or exhibition of product where applicable) and a presentation with an oral defense. The cost of the AP Exam is included in the course fees. Upon earning a 3 or higher, the student will be awarded college credit which is accepted at most colleges and universities.

Sociology

Course Number	401	Credit	.5
Course Fee	TBD	Length of Course	Semester
Grade	12	Prerequisite	None

Description: Sociology is the systematic and scientific study of human society, human behavior and interactions between groups and individuals. Students will survey the principles, major sociological perspectives, theories, key contributors to the study of sociology, concepts, ethics and research methods used in the field. Other topics covered will include concepts such as norms, statuses, roles, social stratification, culture and mass media, social interaction, social class and inequality, race, ethnicity, gender issues and application to current events and the individual student's life.

Psychology

Course Number	400	Credit	.5
Course Fee	TBD	Length of Course	Semester
Grade	12	Prerequisite	None

Description: Psychology is the study of how people process thoughts and develop personalities within various social constructs. Psychology will emphasize the critical thinking skills needed to analyze the connection between cognitive processes and human behavior. In this class, students will examine how childhood cognitive development can impact mental well-being. Other important topics covered will include major scientific approaches toward psychology, key contributors to the study of psychology, ethics and research models, brain, human and moral development, dreams and altered states of consciousness, personality theory, major debates in psychology such as the nature vs. nurture debate, mental illness/disorder, therapy models, and application to the individual student's life.

WORLD LANGUAGES**French I**

Course Number	605	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	9-12	Prerequisite	None

Description: French I class develops basic conversational and written patterns that are reinforced through grammar exercises, auditory language activities and a variety of multimedia materials. French customs and geography are also introduced. Many cultural topics will be explored and a variety of project-based assessments using technology will enhance the language learning. A grade of a C or better in your English Class is highly recommended.

French II

Course Number	606	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	9-12	Prerequisite	French I

Description: French II puts equal emphasis on the four language skills (speaking, comprehension, reading, and writing). Through varied activities, the student will become more proficient in speaking, reading, writing, and comprehension of the spoken French word. Many cultural topics will be explored and a variety of project-based assessments using technology will enhance the language learning. A grade of C or better in Level I is highly recommended.

French III

Course Number	607	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	12	Prerequisite	Recommendation

Description: Increased proficiency in the language will be the number one goal of this course. The student will improve his/her ability to converse and comprehend spoken French, as well as develop and refine reading and writing skills. Some short stories will be read. Cultural study will continue to expand as well as the use of a variety of techniques to enhance the spoken language. A variety of project-based

assessments using technology will reinforce and enhance the spoken language. Student work will be more rigorously assessed. A grade of C or better in Level II is highly recommended.

Advanced French IV

Course Number	608	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	12	Prerequisite	French III

Description: Increased proficiency and fluency in the language will be the number one goal of this course. The student will improve his/her ability to converse and comprehend spoken French, as well as develop and refine reading and writing skills. A French novel will be read. Cultural study will continue to expand as well as the use of a variety of techniques to enhance the spoken language. A variety of project-based assessments using technology will reinforce and enhance the language learning. Student work will be more rigorously assessed. This class may be held concurrently with AP French V. The grade in the course is weighted .5 quality points in the GPA. A grade of C or better in Level II is highly recommended.

AP French

Course Number	609	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	12	Prerequisite	Recommendation

Description: In this course, the student will assume the same work as that of a second-year college student. The student will have an added advantage for language success on college placement exams and in college language courses. In-depth study of various cultural topics and related field trips are also a possibility. Students in this course may be scheduled concurrently with those in French IV. The grade in this course is weighted one (1) full quality point in the GPA. An average grade of C or higher in French IV is highly recommended. The cost of the AP Exam is included in the course fees.

Spanish I

Course Number	600	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	9-12	Prerequisite	None

Description: Spanish I is for students who wish to start the study of Spanish. From the beginning, emphasis is placed on all four language skills-listening, speaking, reading and writing. Basic vocabulary and grammar are developed through conversation, oral and written practice, workbook exercises and CD's and videos with native speakers. A cultural overview of the many parts of the Spanish-speaking world is included. Also, the incorporation of technology will further enrich the course. A grade of C or better in your English class is highly recommended.

Spanish II

Course Number	601	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	9-12	Prerequisite	Spanish I

Description: Spanish II builds upon the base established in Spanish I as new material is interwoven with a review of the old. Vocabulary and grammar study continue through conversation, games, workbook exercises, CD's and videos as the student develops an active, conversational usage of Spanish. Cultural

study continues to expand students' knowledge of the Spanish-speaking world. Also, the incorporation of technology will further enrich the course. A grade of C or better in Level I is highly recommended.

Spanish III

Course Number	602	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	10-12	Prerequisite	Spanish II

Description: In Spanish III, there is continued review of grammar along with a focus on new material including more verb tenses, vocabulary and the Spanish speaking world. Class discussions, interactive activities, informal discussions and writings help develop more effective communication skills useful in our increasingly global society. Students continue and deepen their study of the language, lands and people of the Spanish speaking world. A grade of C or better in Level II is highly recommended.

Advanced Spanish IV

Course Number	603	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	11-12	Prerequisite	Spanish III

Description: Spanish IV brings together the pieces that the students have learned in Spanish I, II and III in authentic practices to help them become as bilingual as possible prior to AP or college/career. We read short stories, literature and articles, discuss, write and watch programs/listen to authentic audio/video to improve all skill areas and accustom listening skills to a variety of accents. We read excerpts from one of the world's best-selling novels of all time, Don Quixote and give students the opportunity to prepare to excel in Advanced Placement the next year or simply create the foundation to becoming bilingual. Spanish is a useful skill that can be advantageous for any career a student chooses to pursue and this class helps to put it all together.

AP Spanish

Course Number	604	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	12	Prerequisite	Recommendation

Description: This final course in the Spanish curriculum is designed for those students who would like to strengthen, expand, and "put the finishing touches" on their language skills prior to employment or college entrance. Students conduct on major project per quarter, read numerous authentic materials of various formats, watch/discuss movies produced in the Spanish speaking world, increase native-like ability to synthesize their written and spoken production and comprehension skills. The grade in this course will be weighted one (1) full quality point in the GPA and is conducted as a second-year college level class. An average grade of C or higher in Spanish IV honors is highly recommended. The cost of the AP Exam is included in the course fees.

ELECTIVES

Beginning Chinese and Culture

Course Number	951	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	9-12	Prerequisite	None

Description: This is a 1 credit, 1 year-long elective course that introduces students to Chinese language (Mandarin) through listening, speaking, reading, writing, and interpersonal communication activities. There is an emphasis on cultural awareness. Students develop their abilities to perform real-world communicative tasks in culturally appropriate ways. The course includes an introduction to Pinyin, tones, radicals, character structures, and sentence structure. Note, however this is an elective at eh novice/low level that **does not lead to college preparatory credits in World Language.**

Civics In Action

Course Number	416	Credit	2.0
Course Fee	TBD	Length of Course	Year
Grade	11-12	Prerequisite	Government

Description: This 2-credit elective course utilizes a learning-by-doing approach that helps students develop civic knowledge and skills through projects and experiences in their own Fairview community in order to become thoughtful and active participants in collective achievement of the common good. The course is grounded in the study of history and literature. Students practice empathy, respect, and perspective-taking as key qualities of good citizenship. They explore current events that introduce issues, dilemmas, and controversies that shape civic life today and empower students to make informed and meaningful choices. Students engage in authentic civic action projects that spring from their personal observations and utilize their personal talents and tolls to accomplish positive change. Students are expected to document their experience and accomplishment in their portfolios. Those who successfully complete the course also earn the Ohio Graduation Seal for Community Service.

(Note: Students who complete the course earn 1 English Credit and 1 Social Studies credit.)

Educators Rising

Course Number	927	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	8-12	Prerequisite	Recommendation

Description: [Educators Rising](#) is open to students in Grades 8-12 who want to explore the possibility of becoming professional educators (such as a teacher at any level, coach or principal), The course has a classroom component during which students learn the fundamentals of teaching. The course also has a hands-on component during which students observe and interact with the teachers and students at Fairview's Early Education Center. *Students earn elective credit and have an option to pursue a Graduation Seal. Students may choose to participate in statewide/national activities and competitions.

*When needed, the district will provide transportation

Financial Literacy

Course Number	417	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	9-12	Prerequisite	None

Description: This course is required for graduation for any student in the graduation class of 2026 and beyond. The overarching goals are that students understand financial responsibility and become empowered to make informed decisions about money and other assets. Students will explore ideas that underlie budgeting, saving, credit/consumer debt, interest, inflation, the time value of money, as well as basic principles of investing. They will learn about insurance and risk management, concentrating on personalized projects that provide opportunities for practical application.

PROJECT LEAD THE WAY (PLTW)

Courses Provided in Collaboration with Polaris Career Center

ENGINEERING**Introduction to Engineering Design (IED)**

Course Number	913	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	9-10	Prerequisite	None

IED is open to students in 9th -10th grade. Students in the 11th and 12th grade need permission from their instructor and guidance counselor.

Description: Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3-D modeling software and use an engineering notebook to document their work.

Principles of Engineering (POE)

Course Number	914	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	10-12	Prerequisite	See Below

POE is open to students in 10th – 12th grade. Students in 9th grade need permission from the instructor and guidance counselor. Successful completion of Algebra I is recommended.

Description: Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials and automation. Students develop skills in problem solving, research and design while learning strategies for design process documentation, collaboration and presentation.

Civil Engineering and Architecture (CEA)

Course Number	931	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	10-12	Prerequisite	See Below

CEA is open to students in 10th – 12th grade. Students in 9th grade need permission from the instructor and guidance counselor.

Description: Students learn important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3-D architectural design software.

Digital Electronics (DE)

Course Number	915	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	10-12	Prerequisite	None

DE is open to students in 10th – 12th grade. Students in 9th grade need permission from the instructor and guidance counselor.

Description: From smartphones to appliances, digital circuits are all around us. This course provides a foundation for students who are interested in electrical engineering, electronics, or circuit design. Students study topics such as combinational and sequential logic and are exposed to circuit design tools used in industry including logic gates, integrated circuits and programmable logic devices.

AP Computer Science Principles (AP CSP)

Course Number	916	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	11-12	Prerequisite	None

AP-CSP is open to students in 11th – 12th grade. Students in grades 10th can be awarded special permission from the instructor and guidance counselor.

Description: Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing and introduce professional tools that foster creativity and collaboration. Computer Science Principles helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity and simulation. PLTW is recognized by College Board as an endorsed provider of curriculum and professional development for AP® Computer Science Principles (AP-CSP). This endorsement affirms that all components of PLTW CSP's offerings are aligned to the AP Curriculum Framework standards and the AP-CCP assessment.

PLTW Honors Credit Option

The PLTW Honors course option is designed to provide students with an enhanced and enriched learning experience. The PLTW honors course curriculum is extended beyond the core student learning outcomes. Honors credit places additional emphasis on independent study, critical thinking and student research. Students enrolled in the honors credit option will be required to complete additional activities outlined in each course. See your school counselor and/or the instructor for specific criteria and requirements.

Any Polaris PLTW Course drop requests must be initiated within the first ten (10) days (after the first day of class).

For course drop requests after the tenth day of class, the teacher will ask the counselor to schedule a mandatory meeting including the student, parent/guardian, teacher and Mr. Mayell.



GRADUATION REQUIREMENTS & GRADUATION SEALS

FOR THE CLASS OF 2023 AND BEYOND

1

COVER THE BASICS

You must earn a minimum total of 21 credits and take your required tests.



English/
Language Arts
4 credits



Mathematics
4 credits



Science
3 credits



Social
Studies
3 credits



Health
.5 credit



Physical
Education
.5 credit



Fine
Arts
1 credit



Electives
5 credits

2

SHOW COMPETENCY

Earn a passing grade of 684 or higher on Ohio's Algebra I and English Language Arts II tests. Students who do not pass a test will be offered support and must retake the test at least once.

If testing is not your strength, there are three additional ways to show competency.

1

CAREER READINESS:

Demonstrate one of two career-focused activities and complete the Ohio Means Jobs Seal.

1. Proficient scores on WebXams at Polaris
2. Earn a 12-point industry credential

2

ENLIST IN THE MILITARY:

Show evidence of enlistment to your counselor.

3

COMPLETE COLLEGE COURSEWORK:

Earn college credits for one college level math and/or college level English course through Ohio's free College Credit Plus Program.



GRADUATION REQUIREMENTS & GRADUATION SEALS

FOR THE CLASS OF 2023 AND BEYOND

3

SHOW READINESS

Students will demonstrate readiness by earning at least two (2) diploma seals, one of which must be state defined.

These seals give you the chance to demonstrate academic, technical, and professional skills and knowledge that align to your passions, interests and planned next steps after high school.



OhioMeansJobs
Readiness Seal (Ohio)



Industry Recognized
Credential Seal (Ohio)



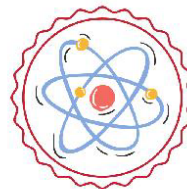
College Ready Seal
(Ohio)



Military Enlistment
Seal (Ohio)



Citizenship Seal
(Ohio)



Science Seal
(Ohio)



Honors Diploma Seal
(Ohio)



Biliteracy Seal
(Ohio)



Technology Seal
(Ohio)



Community Service Seal
(Local)



Fine & Performing
Arts Seal (Local)



Student Engagement
Seal (Local)



Polaris offers a wide range of exciting career-technical programs for students beginning in 11th grade, all featuring high-quality training in a state-of-the-art setting.

Many Polaris programs provide you access to industry certifications which open the door to employment. In addition, you can begin earning free or reduced cost college credit before you ever step foot on a college campus – saving you time and money!



After graduation, you can go directly into the job market or capitalize on those college credits by continuing your education at a two- or four-year college/university.

Visit www.polaris.edu for a complete description of all Polaris programs or contact the Polaris Enrollment Office at 440.891.7732.

General Information

Registration/Enrollment

Our application process has never been easier. You can register online **NOW** at www.polaris.edu/register. The application only takes a few minutes to complete.

Contact the Polaris Enrollment Office at 440.891.7732 with additional enrollment related questions.

Student Fees

There is no tuition cost to attend Polaris. However, all programs will require fees to cover the cost of tools, uniforms, workbooks, etc. Payment plans are available.

Transportation

Busing to and from Polaris is provided by your school district. A Polaris parking permit must be obtained if you plan to drive to school.



**INSPIRING
OUR STUDENTS
TO ACHIEVE
CAREER SUCCESS**

2023-2024 Polaris Career-Technical Programs

Aeronautics

Your career opportunities will soar as you explore the exciting field of aviation with a focus on aeronautical studies, aeronautical systems, engineering technology, air traffic control, aviation management, flight technology and drone operations.

Automotive Technology

Using the latest equipment, you will learn to maintain, diagnose and service automobiles with an emphasis on brake and electrical systems, engine performance systems, transmissions, suspensions, alignments, engine repair and automotive heating and cooling.

Baking & Pastry Arts

You will learn the art of producing quality bakery products with an emphasis on decorative pastry arts. From bread production to chocolates and candies, you will learn the ABCs of food and food preparation. These skills will be developed and refined in the class-managed bakery, *Indulge*.



Business Professional & Office Technology

Skilled office professionals are in demand. In this program, you will learn the latest office management skills and techniques and become proficient in Microsoft Office, computer operations, business communications, finance, and customer service.



Computer Networking Academy

The Computer Networking Academy will open the door to the high-wage, high-demand field of computer networking, cyber security, and information technology. This program will give you an opportunity to earn valuable industry certifications and college credits prior to graduating from high school.

Construction Trades

Construction Trades teaches you how to maintain, repair, construct and remodel buildings and homes in a real-world, practical setting. The program includes the fundamentals of blueprint reading, site preparation, carpentry, plumbing, wiring, roofing, and machining.

Cosmetology

Learn to care for hair, skin and nails and create style and beauty in a student-run salon & spa setting. Join the *Salon Allure* staff and prepare for an exciting future.

Criminal Justice

Gain exposure to the latest in law enforcement techniques using the latest equipment and instruction. During your two years at Polaris, you will be trained in the enforcement of the law and the protection of life and property in a real-world setting.

Culinary Arts & Restaurant Management

Explore basic culinary/cooking essentials and foodservice management skills in our state-of-the-art educational kitchen and production lab. You will apply your new talents in the class-managed restaurant, *Savour*, while learning customer relations, cost controls, basic accounting principles, marketing, purchasing, inventory, teambuilding skills and communications.

Dental Assisting

Learn to work chairside with the dentist in the care and treatment of patients. Along with basic dental laboratory procedures, you will learn dental terminology, the use of instruments and equipment, x-ray procedures, preparation of dental materials and dental office management skills.





Digital Art & Design

Enter a world where creativity and technology merge to form digital art and design. Practice commercial art and advertising design fundamentals include design basics, layout, graphic drawing and production techniques, web page design, computer animation and three-dimensional design.

Emergency Medical Technician/Fire Training

If you like helping people, this is the program for you! Learn to be an Emergency Medical Technician, Firefighter or 911 Dispatcher. You will also learn the foundation of health science and homeland security. This program is offered in partnership with Cuyahoga Community College's Public Safety Training Center. ***Students must be 16 years old by August 1 to enroll in this program.***

Exercise Science & Rehab Therapy

While in this program, you will learn the basics of preventing, diagnosing, and treating injuries related to sports and/or exercise. Exercise Science & Rehab Therapy is designed to prepare students to transition to college and pursue a career in the athletic training, fitness, or health care fields.

Heating, Ventilating, Air Conditioning & Refrigeration

This cool profession is heating up! Join HVAC/R and learn to install, maintain, troubleshoot, and repair heating and cooling systems in both residential and commercial settings.

Medical Professions

Learn the basic clinical and administrative procedures necessary to work in a doctor's office, clinic, or hospital. Coursework includes instruction in anatomy & physiology medical ethics, medical terminology, office procedures, medical records, and laboratory skills.

Pre-Nursing

As a Pre-Nursing student, you will learn to monitor patients' conditions and assess their needs to provide the best possible care and support, observe and interpret patients' symptoms and communicate them to physicians; collaborate with physicians and nurses to devise individualized care plans for patients; perform routine procedures (blood pressure measurements, administering injections, etc.); and many other important responsibilities. ****Please note students must qualify for this program based on their transcript and other criteria.***

Pre-Veterinary Science

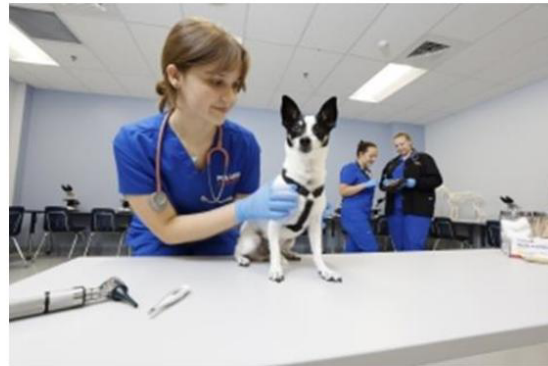
Learn to provide basic healthcare for animals including post-surgery care, emergency first aid, instrument maintenance, animal health histories and more.

Precision CNC Machining

Join this innovative, high-tech career and secure your future in a high-demand/high-wage profession. Feel the satisfaction of making your own components from concept to completion using state-of-the-art Computer Numerical Control (CNC) production technology and equipment.

Welding Technology

This program will teach you the fundamentals of welding - the most common method of permanently joining metal parts. You will receive training in gas, arc, fluxcore and MIG & TIG welding using cutting-edge technology.



Special Admissions Programs – Counselor recommended

Building Services, Deli & Food Production and High School Job Training Programs which include:
Employability Skills Lab
Community Work Experience
Retail Services

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Mary Therese Cory
Jennifer Parente



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#WarriorPride

*Learn Differently
Care Deeply
Aspire to Excellence*