

FAIRVIEW HIGH SCHOOL

PROGRAM OF STUDIES

2026-2027



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Dear Parents and Students:

This Program of Studies for the students of Fairview High School exists to improve student success through a rigorous curriculum, integrated use of technology, focusing on research-based pedagogy, encouraging the real-world application of content, and allowing students to exhibit the skills they acquire in the “Fairview Advantage”. This booklet contains the course offerings of Fairview High School for the 2026/2027 school year. Specific information regarding course descriptions, credit and graduation requirements and sample pathways for individual students can be found in this booklet. These sample “pathways” are provided to help students in developing a four-year program.

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

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

Indeed, the entire Fairview High School staff stands ready to assist you with decisions regarding your personalized pathway. 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

Ethan Lubera
Associate Principal 9-12

Heather Kaminski
Associate Principal 6-8



General Information for Grades 9 through 12 ... The curriculum at Fairview High School is based on a full schedule of academic and enrichment courses with a daily lunch. Grades 9 and 10 have one-half hour for lunch and one-half hour for Mentoring. Grades 11 and 12 are eligible for one hour of lunch/open campus each day. 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.

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

1. **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.
2. Students who are granted a Waiver for Physical Education, must replace that one-half credit with another elective.
3. Beginning with the Class of 2026, a one-half credit course in Financial Literacy will be required. This does not replace any other required Social Studies course but can count toward the total number of required elective credits.

<u>DEPARTMENT</u>	<u>CREDITS</u>
English	4.00 credits
Mathematics	4.00 credits (with a min. of 1 cr. In Alg. 2 or state-approved equivalent)
Science	3.00 credits (must include 1 Physical and 1 Life Science credit)
Social Studies	3.00 credits (must include US History, US Government & World History credit)
Financial Literacy	.50 credit
Physical Education	.50 credit (earned over 2 semesters)
Health Education	.50 credit
Fine Arts	<u>1.00 credit</u>
Required Total	16.50 credits
Elective Total	<u>4.5 credits</u>
TOTAL	21.00 credits



College Preparation Program Requirements

The Ohio Revised Code (Section 3345.06, September 30, 2025) guarantees post-secondary admission to any qualified applicant. However, all Ohio public and private colleges and universities establish admission standards that vary by institution and program. ([For an example, see Ohio University's Admission Promise.](#))

These recommended courses represent an appropriate **minimum** of strong and competitive college preparatory choices for unconditional admission:

English (emphasis on composition and literature)	4.00 credits
Social Studies	3.00 credits
Mathematics (including Algebra I, Geometry, Algebra II)	4.00 credits
World Language	2.00 credits
(must be in same language; many colleges recommend 3 credits same language)	
Science (Lab-based, including at least 1 Physical and 1 Life)	3.00 credits
Fine Arts	1.00 credit
Other FHS requirements and Electives	4.00 credits
Including Health, Physical Education, and Financial Literacy (for Class of 2026 and beyond)	
Total	21.00 credits

Career-Technical Education

Polaris Career Technical Center offers a wide range of exciting career-technical programs for students. These are available to qualified FHS students beginning in Grade 11. Most are 2-year programs. All featuring high-quality training in a state-of-the-art setting. Many programs award industry-based credentials for successful completion.

*PLEASE SEE ATTACHED DOCUMENT FOR MORE INFORMATION OR VISIT THEIR [website](#) FOR DETAILS ABOUT SPECIFIC OPPORTUNITIES. *

Fairview High School students who complete a Polaris program will typically earn 6 (six) elective credits gaining Career/Technical Knowledge and skills that compete their requirements for graduation.

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

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. * Students must



earn at least “Competency Scores” of 684 in Algebra I and English Language Arts II OR qualify for graduation via an alternative pathway by earning an Ohio Department of Education and Workforce approved [Industry-Recognized Credential](#).

GRADUATION SEALS...Students must earn a minimum two seals; one must be a State defined seal. *Fairview’s approved local seals include Fine Arts, Community Service, and Student Engagement*

PLEASE SEE ATTACHED DOCUMENT FOR DETAILED INFORMATION

HONORS DIPLOMA FOR THE CLASS OF 2026 AND BEYOND... Ohio students for the class of 2026 and beyond must follow new guidelines to pursue an Honors Diploma. New requirements are in line with current Ohio graduation pathways and requirements. Ohio offers opportunities for students to earn one of six Honors Diplomas. Fairview students may earn one of five. As with previous classes, students must meet and then go beyond standard graduation requirements. Follow each link for more details.

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/accelerated 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 used to calculate the student’s grade point average, class rank, and eligibility for any Honors Diploma.

Curricular Choices

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. Participation is by application. An application must be pre-approved. Approved endeavors are added to a student’s schedule. Once a pre-approved endeavor is complete, credit is awarded and 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 and Workforce](#) websites.



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. Only those who can make a strong commitment to studying should apply. **STUDENTS IN ADVANCED PLACEMENT CLASSES ARE REQUIRED TO TAKE THE CORRESPONDING COLLEGE BOARD AP EXAM FOR WHICH A FEE IS CHARGED. AFTER JUNE 1, STUDENTS SEEKING TO DROP AN AP COURSE REQUESTED FOR THE NEXT SCHOOL YEAR MUST SCHEDULE A MEETING WITH THEIR COUNSELOR, ADMINISTRATOR, AND PARENT/GUARDIAN.**

COLLEGE CREDIT PLUS ... Students Grades 7-12 may attend college classes and earn simultaneous high school and post-secondary credit. Courses must apply towards a degree or certification program. No remedial courses will be allowed as part of this program. Course grades will be computed in the GPA at the end of each semester. Students must talk to their school counselor and sign an *Intent to Participate* form **by April 1** of each year. Examples of pathways from Cuyahoga Community College are as follows:

Cuyahoga County Community College's academic majors and descriptions of course sequences can be accessed and explored on their [FIND YOUR MAJOR or PROGRAM](#) webpage. Here are a few examples of many available programs:

[Associate of Arts in Business](#)

[Associate of Applied Science in Nursing](#)

[Associate of Arts with a Concentration in Art History](#)

PHYSICAL EDUCATION CREDIT ... Per BOE 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 (.5) unit in another course of study. **Students MUST turn in a PE Waiver form in order for credit to be assigned.**



Procedures

STUDENT COURSE LOAD ...No student may carry fewer than five (5) credits in a school year. Students must also carry a minimum of two and one-half (2.5) credits per semester.

Sequential courses must be taken and passed in order. Students may not take two (2) years of a sequential course in the same year.

In addition to academic courses, daily schedules for students Grades 9-10 include one-half hour of on campus lunch plus one-half hour of mentoring. Daily schedules for eligible students Grades 11-12 include one hour of open campus lunch. Occasionally, students Grades 11-12 will be required to attend scheduled assemblies or conduct other school business during one-half hour of the open campus lunch hour.

PROMOTION/FAILURE ... Our Program of Studies is based on four (4) years of study, exploration, service, and hard work. Students who fail courses and fall behind may seriously jeopardize completing their academic program in four (4) years. Failure to complete the necessary courses will require make-up through rescheduling/repeating courses, taking pre-approved online courses, or pre-approved summer school at the **student's/parent's expense**. Note that Fairview High School does not offer summer school on our campus and that some courses may not be available through area districts' summer schools.

Per BOE Policy 7.04

"In Grades 9-12, Promotion is determined by credits earned."

Per Student/Parent Handbook, to be promoted...

- from Grade 9 to 10 requires 5.5 total credits.
- from Grade 10 to 11 requires 11 total credits.
- from Grade 11 to Grade 12 requires 16.5 total credits.
- from Grade 12 to Graduation requires a minimum of 21.0 total credits including all appropriate subjects and courses.

TRANSFER STUDENTS ... The placement and classification of a new student depend 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. A new student will be assigned to a grade level based on credits previously earned.

- To be eligible for Sophomore status, an incoming student must have previously earned 5.5 credits.
- To be eligible for Junior status, an incoming student must have previously earned 11 credits.
- To be eligible for Senior status, an incoming student must have previously earned 16.6 credits.



Weighted Grades and Grade Point Averages

Advanced Placement (AP) courses, because of their academic rigor, are assigned weighted grades. They receive one (1) additional quality point. Advanced Placement courses offered at Fairview High School include: 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 Software/Engineering, AP Seminar, AP Research, AP Calculus, and AP Probability and Statistics. Advanced courses receive .5 quality point and are as follows: Advanced English 9, Advanced English 10: AP Seminar, Advanced U.S. History, Advanced French IV, Advanced Spanish IV, Advanced Geometry, Advanced Algebra 2/Trigonometry, Advanced Precalculus, Advanced Biology, and Advanced Chemistry.

Advanced courses...because of their academic rigor, are assigned weighted grades, receiving .5 additional quality point. Advanced courses offered at Fairview High School include: Advanced English 9, Advanced English 10: AP Seminar, Advanced U.S. History, Advanced French IV, Advanced Spanish IV, Advanced Algebra I/Grade 8 Advanced Geometry, Advanced Algebra II/Trigonometry, Advanced Precalculus, Advanced Biology, Advanced Chemistry.

College Credit Plus courses are also weighted with 1 additional quality point when the course is determined to be the equivalent of a weighted high school Advanced Placement course and .5 additional quality point when the course is determined to be the equivalent of a weighted high school advanced course.

A grade of “D+” or below in any AP or Honors course will not be weighted.

Career – Technical Education Advanced Standing Courses

As part of House Bill 96 and modifications made during the budget bill, Ohio now recognizes Career Technical Education (CTE) courses approved for Career-Technical Assurance Guide (CTAG) and Industry Recognized Credential Transfer Assurance Guide (ITAG) as courses with advanced standing. This law requires that all CTAG and ITAG courses be weighted at the same level as AP and CCP courses offered in all schools offering weighted credit. [Career- Technical Education Advanced Standing \(CTAG/ITAG\) Courses](#)

GRADE POINT AVERAGE ... Currently, a student’s GPA is calculated using the following grading scale and weighted grades:

A+= 97-100		
A = 93-96	B- = 80-82	D+ = 67-69
A- = 90-92	C+= 77-79	D = 63-66
B+= 87-89	C = 73-76	D- = 60-62
B = 83-86	C- = 70-72	F = 59 and below



Grade	College Prep/General Curriculum	Advanced Course	Advanced Placement	*CCP Course
A+	4.0	4/5	5.0	5.0
A	4.0	4.5	5.0	5.0
A-	3.75	4.25	4.75	4.75
B+	3.25	3.75	4.25	4.25
B	3.0	3.5	4.0	4.0
B-	2.75	3.25	3.75	3.75
C+	2.25	2.75	3.25	3.25
C	2.0	2.5	3.0	3.0
C-	1.75	2.25	2.75	2.75
D+	1.25	1.25	1.25	1.25
D	1.0	1.0	1.0	1.0
D-	.75	.75	.75	.75
F	0	0	0	0

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 1 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 preferences for class periods, instructors, or lunch schedules.

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. Fees are published separately, in the Spring.



TRANSCRIPTS ... Transcripts are available upon request in the Counseling Office. Transcripts are mailed from the counseling office to the schools the requesting student designates.

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.

COURSE LISTINGS

ENGLISH

	Regular	Accelerated	Advanced Placement
Grade 9	English 9	Advanced English 9	
Grade 10	English 10		Advanced English 10: AP Seminar
Grade 11	English 11	CCP 1010 and/or CCP 1020	AP Language and Composition
Grade 12	English 12	CCP 1010 and/or CCP 1020	AP Literature and Composition

English 9

Course Number	100	Credit	1.0
Course Fee	TBA	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 reading comprehension, as well as understanding and applying subject-specific vocabulary previously established in middle school. Students are also given exposure to various types of literature, including fiction in various lengths, poetry, and nonfiction in the form of research articles. The styles stressed in composition include: narrative, analytical, and research writing, which follow MLA standards.

Advanced English 9

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



Description: In the advanced section, a more demanding reading program of supplemental books is undertaken. Similar to English 9, reading comprehension, as well as understanding and applying subject-specific vocabulary, is stressed. This rigorous academic course includes the study of fiction and nonfiction along with the composition of narrative, analytical, and research writing, following MLA standards. A recommendation is needed from the eighth-grade ELA teacher to be placed in this course. This course is weighted .5 quality points in the GPA.

English 10

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

Description: This course reinforces grammar, composition, language, and literature. Students will engage with texts by various authors and produce critical written responses with an emphasis on vocabulary development and its application. Throughout the course, students' communicative and compositional proficiencies will be cultivated to promote clarity in interpretation and effectiveness in essay writing.

Advanced English 10: AP Seminar

Course Number	104	Credit	1.0
Course Fee	AP Exam Fee	Length of Course	Year
Grade	10	Prerequisite	AP Research

Description: This year-long Advanced English 10: AP Seminar course is the recommended pathway for accelerated students. The course integrates grammar, composition, language, and literature with a strong emphasis on inquiry-based learning and analytical writing. Students encounter dynamic opportunities to explore real-world issues, read a variety of text types, construct written responses, collaborate in teams, and present confidently—all skills which support future success. Upon completion, students will be well prepared for further studies in AP courses, where they can continue to strengthen inquiry and analytical writing skills.

Required AP Seminar Assessment: AP Seminar students are assessed with two (2) mid-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. Upon earning a 3 or higher, the student becomes eligible for college credit at most colleges and universities.

This course is a prerequisite to AP Research. A student who completes Seminar and Research is awarded the AP Capstone designation on the high school diploma.

Weighting: This course is weighted in the GPA.



English 11

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

Description: This course further explores grammar, composition, language, and literature; emphasizing both reading and writing. Assignments will not only reinforce foundational writing skills, but will develop expository, analytical, narrative styles, and research.

AP Language & Composition

Course Number	106	Credit	1.0
Course Fee	AP Exam Fee	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 which is accepted at most colleges and universities. This course is weighted in the GPA.

English 12

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

Description: This course will engage students with a diverse selection of literature spanning multiple historical eras. Writing assignments will align with collegiate and professional standards (e.g. cover letters, resumes), as well as with analytic and research expectations. Emphasis will also be placed on vocabulary development and effective communication skills. This course also includes planning for life after graduation.

AP Literature & Composition

Course Number	109	Credit	1.0
Course Fee	AP Exam Fee	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. This course is weighted in the GPA.

College Credit Plus ~ Options Onsite at FHS

College Composition I

Course Number	CCP001	Credit	1.0
		Length of Course	Semester
Grade	9-12	Prerequisite	See Below

Prerequisites: Appropriate placement test score, or ENG-0900 Transition to College English, or ENG-0995 Applied College Literacies with a grade of “B” or higher; or ESL-1310 English as a Second Language: Grammar for Communication III and ESL-1321 ESL: Reading and Writing III, and ESL-1331 English as a Second Language: Speaking and Listening III; ESL-1510 English as a Second Language: Accelerated Grammar II, and ESL-1520 English as a Second Language: Accelerated Writing II, and ESL-1530 English as a Second Language: Accelerated Speaking & Listening II, and ESL-1540 English as a Second Language: Accelerated Reading II; or departmental approval.

Description: Study of and practice in academic writing; reading and interpretation of selected texts. Course may be thematically organized. This course serves as the foundational component of the college writing sequence. Its purpose is to develop students’ abilities in reading, thinking, and writing within academic contexts. Key areas of focus include the rhetorical situation (audience, purpose, context), genre conventions, and the writing process (drafting, revising, editing). The course content *may* be thematically organized. Students will practice critical reading and analysis of texts, learn to incorporate credible sources into their own writing, and develop coherent, well-structured essays. Knowledge of grammar, usage, mechanics, and vocabulary is expected as they are integral parts of both writing and revision. Major assignments may include narrative or personal reflections, comparison/contrast, analytical, and persuasive essays. Upon successful completion, students will submit at least 20 pages of edited material. This course is weighted in the GPA.

College Composition II

Course Number	CCP003	Credit	1.0
		Length of Course	Semester
Grade	9-12	Prerequisite	See Below

Prerequisites: ENG-1010 College Composition I, or ENG-101H Honors College Composition I

Description: Study and practice of persuasive and argumentative writing with emphasis on analysis and research; reading and interpretation of selected texts. Course may be thematically organized. This course advances students’ writing and critical thinking through in-depth study and practice of research, and persuasive/argumentative discourse. The course content *may* be thematically organized. Students will analyze texts and texts across disciplines, examine rhetorical strategies, and engage in scholarly research to support their claims. Emphasis will be placed on developing clear, logical arguments, incorporating credible sources, structuring essays to respond to varied audiences and purposes, and refining style, tone, and voice. Thematic units may organize readings and discussions to provide coherent contexts for argument and inquiry. Upon successful completion, students will submit at least 20 pages of edited material. This course is weighted in the GPA.



FINE ARTS

Through the Lens

Course Number	017	Credit	.5
		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
		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.

Video Production

Course Number	038	Credit	1.0
		Length of Course	Year
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.

Industrial Design

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

Description: Students will work in a collaborative learning environment where they will research, 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.



Introduction to Drawing and Painting

Course Number	024	Credit	.5
		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
		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
		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
		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
		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
		Length of Course	Semester
Grade	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.

Band

Course Number	700	Credit	1.0
		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 or 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
		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
		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
		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
		Length of Course	Year
Grade 10-12 may audition; Gr.9 audition by invitation only.		Prerequisite	Successful audition and high school music experience or 8 th grade choir

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
		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.

Health

Course Number	555	Credit	.5
Grade	9-10	Length of Course	Semester
		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 reproduction, dating relationships, contraceptives. Sexually Transmitted Diseases, nutrition and exercise, 2-year CPR certification (through Red Cross Certification) and final assessment & project. All students/parents per the State of Ohio must acknowledge that they have read and understand all the material presented in our program of studies. This will be completed via a Google Doc at the beginning of the semester.

MATHEMATICS

	Core Pathway	CCMR Pathway	Advanced CCMR Pathway	Accelerated Advanced Pathway (STEM)
Grade 9	Algebra I	Algebra I	Advanced Geometry	Algebra II/Trig Or TriC 1530 /1540 College Algebra II/Trig
Grade 10	Geometry	Geometry	Algebra II/Trig Or TriC 1530 /1540 College Algebra II/Trig	Advanced Precalculus
Grade 11	Algebra II/Trig Or Math Modeling & Reasoning	Algebra II/Trig Or Math Modeling & Reasoning	Advanced Precalculus	AP Calculus AB Or CCP offerings
Grade 12	Contemporary Math	Contemporary Math	AP Calculus AB	CCP offerings



Algebra I

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

Description: Algebra I is the first of four (4) math courses designated for the college and career 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.

Geometry

Course Number	202	Credit	1.0
		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
		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
		Length of Course	Year
Grade	9-11	Prerequisite	Geometry

Description: This third-year course is designated for the Advanced or Accelerated college and career bound student. Topics in this college preparatory course include the college prep sequence studies linear, quadratic functions, polynomials, and trigonometry. Real world modeling is emphasized. Graphing calculators are required.

Mathematical Modeling & Reasoning

Course Number	216	Credit	1.0
Course Fee	TBD	Length of Course	Year
Grade	11	Prerequisite	Algebra I/Geometry

Description: Mathematical Modeling & Reasoning is a third or fourth-year math course that aligns with Ohio's Mathematical Pathways. It is intended for students who plan on post-secondary careers that require quantitative reasoning or education in social sciences such as sociology/psychology, humanities (history/English/pre-law), or health sciences/medicine. The course includes topics 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
		Length of Course	Year
Grade	10-11	Prerequisite	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 point in the GPA.

Contemporary Mathematics

Course Number	209	Credit	1.0
		Length of Course	Year
Grade	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
		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 Statistics

Course Number	212	Credit	1.0
		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.



College Credit Plus ~ Options Onsite at FHS

CCP Math 1410 Elementary Probability and Statistic I

Course Number	CCP025	Credit	1.0
		Length of Course	Semester
Grade	11-12	Prerequisite	See Below

Description: First of two-semester introductory sequence in probability and statistics. Intended for students majoring in liberal arts, business, sciences, engineering, and education. Includes study of descriptive statistics, elementary probability, probability distributions, normal distribution, binomial distribution, sampling concepts, sampling distribution of sample mean, estimation, and hypothesis testing.

Lecture: 3 hours

Prerequisite(s): [MATH-0965](#) Intermediate Algebra; or concurrent enrollment in [MATH-0970](#) Essential Skills for Probability and Statistics; or qualified Math placement, or departmental approval: equivalent coursework. Note: Math 1240 taken prior to Fall 2024, MATH-1200, 1250, or 1280 completed prior to Fall 2016 or MATH-1270 completed prior to Summer 2017 will also meet prerequisite requirements for this course.

CCP Math 1530 College Algebra

Course Number	CCP027	Credit	1.0
		Length of Course	Semester
Grade	11-12	Prerequisite	See Below

Description: Topics include extensive function (linear, quadratic, polynomial, radical, roots, power, piecewise, exponential, logarithmic) representation including verbal, numeric, graphic, and algebraic, identifying properties of the different function types, transformation of functions, solve linear, polynomial, rational, absolute value, exponential and logarithmic equations. Solve quadratic, polynomial and rational inequalities in one variable. Determine and graph conic sections, solve non-linear systems of equations and inequalities and solve systems of equations using matrices. Includes applications and activities to build skills in problem solving.

Lecture: 4 hours

Prerequisite(s): MATH-0965 Intermediate Algebra or qualified math placement; or departmental approval for equivalent coursework. Note: MATH-1200 or MATH-1280 taken prior to Fall 2016 or MATH-1270 taken prior to Summer 2017 will also be accepted to meet prerequisite requirements for this course.

OAN Approved: Ohio Transfer 36 TMM001 College Algebra and TMM002 Precalculus (1 of 2 courses, both MATH-1530 and MATH-1540 must be taken to meet TMM002).

CCP Math 1540 Trigonometry

Course Number	CCP031	Credit	1.0
		Length of Course	Semester
Grade	11-12	Prerequisite	See Below



Description: This course is part of a two-semester sequence. Topics include trigonometric functions and their values for all angles, vectors and oblique triangles, graphs of trigonometric functions, trigonometric identities, and equations. Includes applications and activities to build skills in problem solving included.

Lecture: 3 hours

Prerequisite(s): MATH-1530 College Algebra or qualified math placement; or departmental approval: equivalent coursework. Note: MATH-1275, MATH-1280, Math-1521, or MATH-152H taken prior to Fall 2016 will be accepted to meet prerequisite requirements for this course.

OAN Approved: Ohio Transfer 36 TMM003 Trigonometry and TMM002 Precalculus (1 of 2 courses, both MATH-1530 and MATH-1540 must be taken to meet TMM002

SCIENCE

Science Pathways

*Science Courses applicable for the Honors Diploma

	College/Career Prep	Accelerated
Grade 9	Physical Science	Adv Biology
Grade 10	Biology	Chemistry Adv Chemistry*
Grade 11	Chemistry Adv Chemistry*	Physics* AP Physics* Anatomy & Physiology AP Environmental Science* AP Biology*
Grade 12	Physics* AP Physics* Anatomy & Physiology AP Environmental Science* AP Biology*	Physics* AP Physics* Anatomy & Physiology AP Environmental Science* AP Biology*

Physical Science

Course Number	318	Credit	1.0
Grade	9	Length of Course	Year
		Prerequisite	None

Description: Physical science introduces students to key concepts and theories that provide a foundation for further study in other sciences. Physical science comprises the systematic study of the physical world as it relates to fundamental concepts about matter, energy and motion.

Physical Science includes inquiry-based laboratory experience that engages students in asking valid scientific questions and gathering and analyzing information. In addition to course content students will



learn and use the metric system, record and graph data, use math to solve problems, safely perform labs, and demonstrate an understanding of course content in a variety of ways such as lab write-ups, quizzes, tests and projects. Math skills will be used in class on a daily basis. Students in Physical Science should be concurrently enrolled in Algebra I or Geometry.

Biology

Course Number	300	Credit	1.0
		Length of Course	Year
Grade	10	Prerequisite	Physical Science

Description: Biology is a 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 along with tests. Fundamental concepts of cells, ecology, 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
		Length of Course	Year
Grade	9	Prerequisite	Algebra I

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

Chemistry

Course Number	302	Credit	1.0
		Length of Course	Year
Grade	10-11	Prerequisite	Biology & Algebra I

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
		Length of Course	Year
Grade	10-11	Prerequisite	Biology & Algebra I



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
		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 use the mentoring period as part of this class. 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
		Length of Course	Year
Grade	11-12	Prerequisite	Chemistry & 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, conservation laws, and waves. 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 scientific reasoning, analysis, communication skills, and real-world applications.

Anatomy & Physiology

Course Number	309	Credit	1.0
		Length of Course	Year
Grade	11-12	Prerequisite	Chemistry

Description: Anatomy & Physiology is a college preparatory lecture and lab-based course focused on the application of knowledge of the structure and function of the human body. The course will include a study of major body systems through labs, activities, and modeling projects.

AP Environmental Science

Course Number	315	Credit	1.0
		Length of Course	Year
Grade	11-12	Prerequisite	Chemistry



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. Research projects, presentations, homework and tests make up a significant portion of the students' grades. 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
Grade	12	Length of Course	Year
		Prerequisite	Chemistry & Strong Algebra I 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

	Core Path	Advanced Path
Grade 9	US History	AP US History
Grade 10	Semester: Community and Career Leadership Semester: Financial Literacy	Semester: Community and Career Leadership Semester: Financial Literacy
Grade 11	US Government	AP Government AP Research Note: AP Seminar if intention is to complete AP Research & earn Capstone
Grade 12	World History Semester Elective: Psychology Semester Elective: Sociology	AP World Semester Elective: Psychology Semester Elective: Sociology



U.S. History

Course Number	402	Credit	1.0
		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.

AP U.S. History

Course Number	405	Credit	1.0
		Length of Course	Year
Grade	9	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.

Community and Career Leadership

Course Number	432	Credit	.5
		Length of Course	Semester
Grade	10	Prerequisite	None

Description: This course empowers students to identify, research, and take action on real issues in their community while exploring related careers. Through the Lead4Change framework, students develop leadership, communication, and problem-solving skills while engaging with Ohio's civic, economic, and social studies standards. Students learn how civic systems operate, what careers contribute to public good, and how they can use their own strengths to lead change.

Financial Literacy

Course Number	421	Credit	.5
		Length of Course	Semester
Grade	10	Prerequisite	None

Description: Financial Literacy/Economics provides a blueprint for navigating the world of micro economics and financial literacy. Some topics include employment, banking, taxes, investing, and personal



spending. More importantly, students will gain the relevant personal financial skills needed to live in a community with endless choices but limited financial resources.

Government

Course Number	406	Credit	1.0
		Length of Course	Year
Grade	11	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. 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
		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 U.S. Capstone: Research

Course Number	107	Credit	1.0
		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 Humanities 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.



Modern World History

Course Number	408	Credit	1.0
		Length of Course	Year
Grade	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
		Length of Course	Year
Grade	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

Psychology

Course Number	400	Credit	.5
		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.

Sociology

Course Number	401	Credit	.5
		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.



WORLD LANGUAGES

French I

Course Number	605	Credit	1.0
		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
		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
		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
		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 point in the GPA. A grade of C or better in Level II is highly recommended.



AP French

Course Number	609	Credit	1.0
		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
		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
		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
		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
		Length of Course	Year
Grade	11-12	Prerequisite	Spanish III

Description: Spanish IV H continues practice in language production and comprehension incorporating previously learned material with more accuracy, vocabulary and grammatical skill. Writing practice is designed to develop proficiency and creativity. Oral skill is developed through daily discussions on a wide variety of topics and settings. Literature studied includes short stories and articles from a wide variety of authentic sources and more in-depth focus on the cultures and histories of the Spanish speaking countries are explored. Emphasis is on preparing students for college entrance exams and courses.

AP Spanish

Course Number	604	Credit	1.0
		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 a 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.

PROJECT LEAD THE WAY (PLTW)

Courses Provided in Collaboration with Polaris Career Center

ENGINEERING

Introduction to Engineering Design (IED)

Course Number	933	Credit	1.0
		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
		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.

Digital Electronics (DE)

Course Number	934	Credit	1.0
		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.

Civil Engineering and Architecture (CEA)

Course Number	931	Credit	1.0
		Length of Course	Year
Grade	10-12	Prerequisite	None

Description: Students are introduced to 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 3D architectural design software.

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.

AP Computer Science Principles (AP-CSP)

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



AP-CSP is open to students in 11th – 12th grade. Students must have taken 1 previous PLTW Engineering Course earning a passing grade. Students in Grades 10th – 12th 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.

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 Polaris Administrator.





GRADUATION REQUIREMENTS & GRADUATION SEALS

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



Electives
4.5 credits



Fine
Arts
1 credit



Financial
Literacy
.5 credit



Health
.5 credit



Physical
Education
.5 credit

2

SHOW COMPETENCY

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. Achieve proficient scores on WebXams at Polaris
2. Earn a 12-point industry credential
3. Complete a Pre-Apprenticeship

2

ENLIST IN THE MILITARY:

Show evidence of enlistment to your counselor.

3

PREPARE FOR OR COMPLETE COLLEGE COURSEWORK:

1. Achieve remediation-free scores in English and Math on the ACT or SAT
- OR**
2. Earn college credits for one college level Math and/or English course through Ohio's free College Credit Plus program.

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.





GRADUATION REQUIREMENTS & GRADUATION SEALS

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)



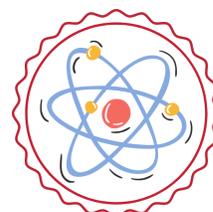
College Ready Seal
(Ohio)



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)



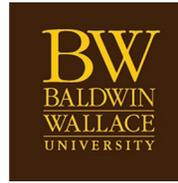
Student Engagement
Seal (Local)





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 with 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 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/HSapply. 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**

2026-2027 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, 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, masonry, plumbing, roofing, machining, electrical wiring, and site layout.

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.





Engineering Technology, Robotics & Automation

Step into the future of engineering, robotics and automation, and carve out your path in a career that's shaping the world. In the ERA program, you'll harness the power of cutting-edge technology to create, program and operate advanced industrial robotic systems and automation solutions that drive industries forward.

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 athletic training, fitness, or health care fields.

Fashion Design & Merchandising

From design to production, trend forecasting and retail strategy, students will gain real-world experience in one of today's most dynamic industries. The **NEW** Fashion Design & Merchandising program could be your runway to success! In partnership with the **Kent State University School of Fashion**, this innovative program will be **housed at Berea-Midpark High School but will be open to students from all six Polaris partner high schools beginning fall 2026.**

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 injections, etc.); and many other important responsibilities. ***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. ***This program has no student fees thanks to the generosity of several local industry partners and grants.**

Visual Communication & Design

This program explores how the spectrum of design techniques can be directed toward opportunities in the creative professional workplace. This program will enhance conventional and digital media skills.

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 & Ground Maintenance
- Deli & Food Production
- Pathways to Employment

Senior-Only Programs

Certified Nursing Assistant

Semester Course

This unique opportunity allows students to spend half their time in the classroom earning an industry-recognized credential, and the other half getting paid to gain hands-on experience in a real-world healthcare setting. Become a Certified Nursing Assistant (CNA) and join one of the fastest-growing professions! Through this program, you'll get paid while learning essential patient care skills under the guidance of a licensed nurse. Upon successful completion, you'll be eligible to take the CNA state certification exam and have the opportunity to continue working at O'Neill Healthcare - paving the way for a future in the medical field.

Nail Technician

Semester Course

The High School Nail Technician Program, a 200-hour, state approved course that prepares students to earn their Ohio State Board of Cosmetology and Barber Manicurist License.

This comprehensive training program covers all essential aspects of nail care and salon professionalism. Students will learn the latest techniques in natural nail care as well as nail enhancements, including acrylics, gel applications, and other advanced services that are in high demand in the beauty industry. Upon successful completion of the course and passing the Ohio State Board Exam, students will graduate as licensed manicurists, ready to start their careers in the Beauty industry.

Robotics

Full Year Course

Spend your senior year in Polaris's new 20,000 sq. ft. ERA labs working with the same technology used by companies like Tesla, Honda, Apple, NASA, Intel and others across major industries. You'll go beyond classroom projects, programming full-size industrial robots, learning automation systems that make entire factories run, and using 3D printers and design software to bring your ideas to life. These are the same skills driving industries like automotive, aerospace, healthcare, agriculture, semiconductors, and advanced manufacturing. Along the way, you can earn college credit and industry certifications that give you a real head start for both college and career.

Applications are being accepted now at www.polaris.edu/HSapply



For additional information, contact Cindy Crisler, Director of Career & Enrollment Services, at 440.891.7732 or ccrisler@polaris.edu.

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www.polaris.edu

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