

High School Student Course Catalog and Curriculum Guide



Rootstown Local Schools
Rootstown High School
*"Education is not the answer to the question.
Education is the means to answer all questions."
-William Allin*



2025 - 2026

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SCHOOL COUNSELING OFFICE

School Counseling services are available to all students in grades 9 through 12. A full-time school counselor is available to assist students in academic, career, and personal/social domains.

Information discussed in personal counseling sessions is held confidential. Confidentiality will be breached if there is perceived imminent danger or potential harm to the student or another person, at which time the proper authorities will be contacted (i.e.: parents, social workers, police, etc.).

Services provided through the School Counseling Office are intended for ALL students.

The counselor is available for any student who wishes to discuss such matters as personal/social, educational, and career-related issues.

The School Counseling Office provides assistance to students and parents through a variety of activities including:

- 1) Career/life/college planning
- 2) Parent/teacher conferences (available by appointment)
- 3) Testing and placement
- 4) Coordination/collaboration with community agencies
- 5) Transcript and record-keeping activities
- 6) Individual, group, and crisis counseling
- 7) Development of prevention and intervention plans
- 8) High school course selection and scheduling

SCHEDULING PROCEDURES AND POLICIES

Every effort will be made to ensure that students are placed in classes that they select during the registration process. However, the school will make the final determination of student placement based on all relevant factors including space availability and class size. Students and parents should give serious consideration when selecting courses. Any type of schedule change has a serious effect on class size, staffing/teacher assignments, and the overall master schedule.

If a student wishes to withdraw from a class for either 1st or 2nd semester, they must do so within the first full week of summer break (**June 5 - 12, 2025**). Requests can be sent via Google Form and a meeting will be required.

In any other situation, only the principal may grant a class drop/change. Unique circumstances will be considered including:

- 1) Academic Hardship
- 2) Physical Disability
- 3) Impaired Mental/Emotional Status
- 4) Scheduling Opportunity
- 5) Failing a Required Course

GRADUATION REQUIREMENTS

There are testing requirements and curriculum requirements connected with the Rootstown diploma; students must meet both requirements in order to earn a diploma. Requirements include earning 22.5 credits. Credit requirements are as follows:

CREDITS	AREA	REQUIRED COURSES
4	English Language Arts	English 9, 10, 11, 12
4	Mathematics	Algebra I / Math Integrated 1 Geometry / Math Integrated 2 Algebra II / Math Integrated 3 Math Integrated 4
3	Social Studies	World History American History Government
3	Science	Biology Physical Science 1 additional Advanced Science
1	Fine Arts	Art and/or music courses
.5	Health	Health
.5	Physical Education	PE (.25) PE (.25) ***Please see student handbook for physical education waiver
.5	Financial Literacy	Financial Literacy
6	Electives	See your school counselor for specific information
22.5 Credits Total		

Credit received for courses not completed at Rootstown High School will be at the discretion of the high school principal and counselor.

Credit may also be earned at an accredited post-secondary institution.

MINIMUM STUDENT COURSE LOAD

Students grades 9-11 who do not participate in our College Credit Plus Program (CCP) are required to take 7 courses at Rootstown High School. Those in CCP in grades 9-12 can substitute two RHS courses per one 3-credit hour CCP course. All 12th grade students are required to be full-time students completing 5 credit hours (as long as graduation requirements will be met).

Disclosure: All decisions can be adjusted by counselor and principal if necessary.

CORE CURRICULUM FOR COLLEGE PREPARATION IN OHIO

A student who is planning to attend a 4-year college or university and be accepted with unconditional status should plan to take these courses. These courses are designed to prepare students for required coursework at the undergraduate level:

- 1) Four years of English
- 2) Four years of Math
- 3) Three years of Social Studies
- 4) Three years of Science
- 5) Two or more years of Foreign Language (Please refer to your college choices for clarification)
- 6) One year of Fine Arts – Visual or Performing Art
- 7) ½ credit of Health, Physical Education, and Financial Literacy

A student who does not meet these requirements may be accepted into a college or university with conditional status and may need to take additional developmental courses to prepare them for an undergraduate degree program.

RESPONSIBILITY FOR GRADUATION REQUIREMENTS

It is the student's responsibility to see that the requirements for graduation are met. The high school will make every effort to keep up-to-date records and keep students and parents/guardians informed about the status of progress toward completing the necessary coursework that meets graduation requirements. However, it is the student's responsibility to be acquainted with the necessary requirements to reach his/her personal goals and to ascertain the graduation requirements.

EARLY GRADUATION

This program provides an option for students who will have met the requirements for graduation. Early graduation will be effective no earlier than the end of the first semester of the regularly scheduled senior year. Academic transcripts will be available at this time, but graduation diplomas will not be issued until commencement ceremonies at the end of the regular school year. To be eligible, a student must apply through the School Counseling Center by the first Monday in June of their junior year. Students must indicate their preference toward participating in a formal commencement ceremony by the end of the first 9-week period. If a student chooses not to participate in commencement, he/she may receive a diploma at a later date.

GRADUATING WITH HONORS

The Senior Class will be recognized at Commencement as Summa Cum Laude (4.1+ GPA); Magna Cum Laude (3.8 – 4.09 GPA); or Cum Laude (3.50 – 3.79 GPA).

EXTRA-CURRICULAR AND OHSAA ELIGIBILITY REQUIREMENTS

In order to be eligible for extra-curricular activities, Rootstown High School students must maintain at least a 1.5 GPA. Athletic eligibility is based on OHSAA rules and regulations. Students are required to pass five credits in the preceding nine-week grading period to be eligible for athletics. A yearlong course counts as one credit. A semester course that is worth one-half credit counts as one credit for eligibility purposes only. Student-athletes should schedule more than the minimum course requirements to ensure eligibility in case of a class failure. (Note: Physical Education only counts as a quarter credit toward eligibility. Therefore a student-athlete taking P.E. must be enrolled in at least five other classes to be eligible).

CURRICULUM FEATURES

Students are eligible to participate in College Credit Plus programs, Career-Technical Education programs, and honors-level courses.

COLLEGE CREDIT PLUS

Any high school student who meets the criteria is allowed to enroll as a full or part-time CCP student. Students are allowed to enroll full or part-time at approved colleges, universities or technical schools in Ohio. Students may choose to take post-secondary courses for high school and college credit.

Within the College Credit Plus program:

- Tuition, fees, and required textbooks are provided
- A student may schedule up to 30 hours per year
- Course credit that is accumulated may be transferred to other post-secondary institutions according to the transfer of credit guidelines of the universities involved.

A careful study and review of any post-secondary enrollment plan is necessary to be certain that selected courses meet high school curriculum and credit requirements. College courses taken in place of required Rootstown courses must be approved by the administration in advance of scheduling.

Application Process:

- A student must fill out the [Intent to Participate](#) form by April 1st of the current school for the following year's summer, fall, and/or spring semesters. This has to be completed each school year.
- Contact the high school counselor to arrange a conference to discuss planned post-secondary courses and how the courses comply with high school requirements.
- Complete and sign appropriate forms. A parent signature is required for students under the age of 18.
- Contact an admissions officer at the post-secondary institution. Additional forms and information may be required. The post-secondary institution determines acceptance.

Acceptance is not automatic. The post-secondary institution will review a student's application and render a decision on acceptance. The college or university may have specific enrollment requirements that may include prerequisite courses, certain scores on the PSAT, ACT or SAT, GPA, and other evaluation procedures to determine competency. The application process is completed only twice during the school year. The application deadlines vary by institution. Please refer to the website of the colleges(s) of interest for summer, fall, and spring semester application deadlines. The only exception is for students transferring in from another state or later dates assigned by the high education institution.

Students who do not receive a passing grade, or do not complete a course (Withdraw), are required by law to reimburse the school district. Student-athletes enrolled in the post-secondary program must make sure that they are taking the equivalent of five full-credit classes required by the OHSAA in order to be eligible to compete in their chosen sport(s).

MAPLEWOOD CAREER CENTER

Students may attend Maplewood Career Center during their Junior and Senior years. The application process is handled through the School Counseling Office. When a student has been accepted into a technical program at the vocational school, that student may not return to Rootstown until the second week of school has been completed. A student may only return with permission from both Maplewood and Rootstown High School.

HONORS CLASSES CRITERIA

Students will be admitted into Honors classes and Advanced Placement classes based on an approved rubric. The rubric has five specific criteria: Gifted Identification, Class Grades, State Assessment score, Attendance, and Teacher Recommendation.

GRADE POINT AVERAGE (GPA) & CLASS RANK

Cumulative grade point averages (GPA) are calculated at the conclusion of each semester.

A student's final grade point average and class rank are both determined by the grades and credits earned at the end of the semester.

Report cards received at the end of each quarter (nine weeks) will indicate only the grade point average for that particular grading period. The cumulative GPA on the nine-week report card does not include the nine-week grades. Cumulative GPAs are only accurate at the end of each semester.

Any high school coursework taken below ninth grade for high school credit will count towards graduation requirements as well as towards the student's high school cumulative grade point average. This is at the discretion of the high school principal and school counselor.

BOARD-ADOPTED GRADE POINT AVERAGE (GPA) SCALE

RANGE	LETTER GRADE	POINTS	RANGE	LETTER GRADE	POINTS
93-100	A	4.0	73-76	C	2.0
90-92	A-	3.7	70-72	C-	1.7
87-89	B+	3.3	67-69	D+	1.3
83-86	B	3.0	63-66	D	1.0
80-82	B-	2.7	60-62	D-	0.7
77-79	C+	2.3	59 & below	F	0

WEIGHTED GRADES

Weighted grades will only be given to students completing an entire AP/CCP and or Honors course. Weighted grades will not be given for grades below a C.

PERCENTAGE	GRADE	REGULAR	HONORS	AP / CCP
93-100	A	4.0	4.5	5.0
90-92	A-	3.7	4.2	4.7
87-89	B+	3.3	3.8	4.3
83-86	B	3.0	3.5	4.0
80-82	B-	2.7	3.2	3.7
77-79	C+	2.3	2.8	3.3
73-76	C	2.0	2.5	3.0
70-72	C-	1.7	1.7	1.7
67-69	D+	1.3	1.3	1.3
63-66	D	1.0	1.0	1.0
60-62	D-	0.7	0.7	0.7
59 & below	F	0	0	0

ACADEMIC CREDIT

Credit is awarded upon satisfactory completion of a course. Credit for semester courses is awarded at the end of the semester. To receive academic credit, all class requirements must be satisfactorily completed, including the midterm and/or final exam.

INCOMPLETES

An “incomplete” is given in a situation where an extension is granted to a student by the instructor due to extenuating circumstances. Incompletes are to be completed within two weeks of the last day of the grading period. Incompletes running beyond this period of time will be recorded as an “F,” unless granted an extension by the principal.

HONOR ROLL

The Honor Roll will include those eligible from Rootstown High School. Students attending Maplewood must meet the criteria established by Maplewood. Honor roll will be a three-tiered Summa Cum Laude Honor Roll 4.1+, Magna Cum Laude Honor Roll 3.8-4.09, and Cum Laude Honor Roll 3.5-3.79. Merit Roll will be recognized for any student earning 3.0-3.49.

CREDIT RECOVERY COURSES

All courses taken beyond typical school hours or at alternate locations must first be approved through the School Counseling department in order to receive credit toward high school graduation.

RETAKEING A COURSE

A student may retake a course in any class where a “C” or lower has been earned in either the first or second semester with the approval of the school counselor or principal. The highest grade a student may receive for a class retaken shall be a “B.”

The higher grade is calculated into the grade point average and the lower grade is removed from the transcript. Be aware that if the student initially fails the course or semester (of an all-year course) the “F” will remain on the transcript.

Classes may only be retaken the semester immediately following the semester in which the course to be retaken was initially completed. If the course is not offered the following semester, the student may be approved to retake the course the next time it is offered.

SUMMER SCHOOL

Approval by the school counselor may be granted for courses not offered at Rootstown or for make-up work necessary to meet graduation requirements. Students must have an official transcript of approved courses sent to Rootstown upon completion of the course. A student who fails a required course may take a class in summer school or online to make up the credit that is required. All courses must be approved by the school counselor. **Summer school courses will be accepted for credit recovery only!**

Students may not substitute summer school courses for required high school courses.

HOME INSTRUCTION

In the event of an extended period of illness or injury, students and parents may apply to the school principal for approved home instruction. At this time, the principal, school counselor, and school psychologist will determine the services needed.

RECORDS RELEASE

In order to release student records, a Records Release form must be completed and signed by a parent, guardian, or the student (if he/she is 18 or over). A separate Records Release form must be completed for each request and/or address. Only the records indicated on the form will be sent.

TRANSCRIPTS

Beginning with the first semester after graduation, students will be charged a fee of \$3.00 for each transcript sent.

DIPLOMAS

Regular Diploma:

According to State-established guidelines, Rootstown High School will be offering the opportunity to receive either a regular high school diploma or an honors diploma. The regular high school diploma will be granted to students who:

- a) earn competency scores on the Mathematics I and English 10 End-of-Course Exams and earn at least two graduation seals and meet district requirements for course completion, or
- b) meet the requirements for the “Alternative Conditions for Eligibility Diploma” as specified in Ohio Revised Code 3313.61(L) and meet district requirements for course completion.

Honors Diploma:

An honors diploma recognizes outstanding achievement in the college preparatory curriculum. This will be determined by the end of the second semester of grade 12.

HIGH SCHOOL ACADEMIC DIPLOMA WITH HONORS Students need to fulfill all but one of the criteria. <i>Class of 2026 and beyond</i>	
AREA	CRITERIA
Mathematics	4 units, including Algebra I, Geometry, Algebra II or equivalent, and another higher-level course or a four-year sequence of courses that contain equivalent or higher content
Social Studies	4 units
Science	4 units, including 2 credits of Advanced Science
Foreign Language	3 units of world languages (must include no less than two units for which credit is sought), i.e., three units of one world language or two units of two different languages
Unweighted Grade Point Average	3.5 on a 4.0 scale
ACT/SAT SCORE (Excluding scores from the writing sections)	27 ACT / 1280 SAT
Seal Requirement	Earn two additional diploma seals, not including Honors Diploma Seal
Experiential Learning	Field Experience, OhioMeansJobs Readiness Seal*, Portfolio or Work-Based Learning

*Students can use OMJ Readiness Seal in 2 additional seals requirement if it is not used in Experiential Learning.

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

TESTING SCHEDULE

Fall- Ohio State Assessment and Reassessment

Spring- Ohio State Assessments in the following classes, Algebra I, Integrated Math 2, American History, Government, Language Arts 10, and Biology are tentatively scheduled for April & May.

ACT and SAT tests may be taken at various schools and institutions in the area.

*It is recommended that students taking the ACT take the optional writing test as well.

The state will provide one free option to take the ACT in the spring of their Junior year.

2025-2026 BELL SCHEDULE	
PERIOD	TIME
Period 1	7:25 - 8:13 AM
Period 2	8:16 - 9:02 AM
Period 3	9:05 - 9:51 AM
Period 4	9:54 - 10:40 AM
Period 5 (Study Hall)	10:43 - 11:13 AM
Period 6A	11:16 AM - 12:02 PM
Lunch A	11:13 - 11:43 AM
Period 6B	11:46 - 12:32 PM
Lunch B	12:02 - 12:32 PM
Period 7	12:35 - 1:21 PM
Period 8	1:24 - 2:10 PM

2025-2026 BELL SCHEDULE	
<i>Afternoon Assembly</i>	
PERIOD	TIME
Period 1	7:25 - 8:13 AM
Period 2	8:16 - 9:02 AM
Period 3	9:05 - 9:51 AM
Period 4	9:54 - 10:40 AM
Period 6A	10:43 - 11:29 AM
Lunch A	10:40 - 11:10 AM
Period 6B	11:13 - 11:59 AM
Lunch B	11:29 - 11:59 AM
Period 7	12:02 - 12:48 PM
Period 8	12:51 - 1:37 PM
Assembly	1:40 - 2:10 PM

2025-2026 BELL SCHEDULE	
<i>Morning Assembly</i>	
PERIOD	TIME
Assembly	7:30 - 8:00 AM
Period 1	8:00 - 8:46 AM
Period 2	8:49 - 9:35 AM
Period 3	9:38 - 10:24 AM
Period 4	10:27 - 11:13 AM
Period 6A	11:16 AM - 12:02 PM
Lunch A	11:13 - 11:43 AM
Period 6B	11:46 AM - 12:32 PM
Lunch B	12:02 - 12:32 PM
Period 7	12:35 - 1:21 PM
Period 8	1:24 - 2:10 PM

9TH GRADE COURSE REQUIREMENTS

All new 9th graders will be **required** to sign up for the following courses:

English Language Arts 9	Algebra I	Biology
World History	Physical Education	Fine Arts / Electives

10TH GRADE COURSE REQUIREMENTS

All 10th graders will be **required** to sign up for the following courses:

English Language Arts 10	Geometry	Physical Science
American History	Health	Physical Education
Fine Arts / Electives		

11TH GRADE COURSE REQUIREMENTS

All 11th graders will be **required** to sign up for the following courses:

English Language Arts 11	Math Integrated 3 / Algebra II
Advanced Science	Government
Fine Arts (if not completed in 9 th /10 th grade) / Electives	

12TH GRADE COURSE REQUIREMENTS

All 12th graders will be **required** to sign up for the following courses:

English Language Arts 12	Math Integrated 4
Electives	

2025-2026 COURSE OFFERINGS

***Course offerings and descriptions are subject to change or cancellation without prior notice.

ENGLISH LANGUAGE ARTS

ENGLISH LANGUAGE ARTS 9		COURSE NUMBER: <u>5002</u> <u>5003</u>
Students will study works from various genres of literature as well as non-fiction. Practical writing skills and APA format will be taught by focusing on the writing of essays, papers, and projects. Outside reading, writing, and project work will be required. The use of technology will be an integral part of this course.		
Grade: 9	Credit: 1	Length: Full Year
Prerequisite: None		
HONORS ENGLISH LANGUAGE ARTS 9		COURSE NUMBER: <u>5000</u> <u>5001</u>
Students will study works and novels from various genres of literature in order to provide a foundation for future courses. Students will develop and expand their vocabulary, mechanics, and critical thinking skills. Knowledge and skills acquired will be assessed through tests/quizzes, writing, and projects. Outside and group work will be required. Writing skills and use of APA format will be further developed. Students will be expected to conduct independent investigations and work to become a leaders in their own learning. Students may be required to obtain their own novels.		
Grade: 9	Credit: 1	Length: Full Year
Prerequisite: Teacher Recommendation		
ENGLISH LANGUAGE ARTS 10		COURSE NUMBER: <u>5006</u> <u>5007</u>
The students will cover the Ohio Learning Standards for Language Arts. Literature, informative text, writing, and communication skills will be the focus of the class.		
Grade: 10	Credit: 1	Length: Full Year
Prerequisite: English Language Arts 9		
HONORS ENGLISH LANGUAGE ARTS 10		COURSE NUMBER: <u>5004</u> <u>5005</u>
The students will cover the Ohio Learning Standards for Language Arts. Literature, informative text, writing, and communication skills will be the focus of the class at a higher level of learning. Students may be required to obtain novels. Strong writing and MLA skills are necessary for this class. The student must be prepared to read, study, and complete work outside the classroom.		
Grade: 10	Credit: 1	Length: Full Year
Prerequisite: Honors English Language Arts 9 or English Language Arts 9 with Teacher Recommendation		

ENGLISH LANGUAGE ARTS 11		COURSE NUMBER: <u>5010</u> <u>5011</u>
The student will study the development of American literature. Certain topics will be theme-based with an emphasis on connecting literature with life. Students will build on skills related to vocabulary development, reading, speaking, grammar, and writing. Students will complete research papers, projects, and oral presentations related to the works that they read. Outside readings, writing, and project work will be required. The use of technology will be an integral part of this course.		
Grade: 11	Credit: 1	Length: Full Year
Prerequisite: English Language Arts 10		
HONORS ENGLISH LANGUAGE ARTS 11		COURSE NUMBER: <u>5008</u> <u>5009</u>
The student will study American authors and their better-known works. The student will further develop skills in reading, speaking, using the language effectively in writing the essay, critical thinking, and developing further mastery of writing, mechanical usage, and grammar skills. Students will complete research-based papers, projects, and oral presentations related to the works they read. Outside readings are required. Students must possess a thorough knowledge of MLA format, thesis statements, and basic structure and components of research papers. Students will be required to purchase novels.		
Grade: 11	Credit: 1	Length: Full Year
Prerequisite: Honors English Language Arts 10 or English Language Arts 10 with Teacher Recommendation		
ENGLISH LANGUAGE ARTS 12		COURSE NUMBER: <u>5014</u> <u>5015</u>
The student will focus on a variety of literary works, including British Literature, from both an anthology and supplemental texts. The student will continue to refine skills in reading, essay writing, critical thinking, grammar usage, and mechanics. Research papers will be required. Outside readings are required.		
Grade: 12	Credit: 1	Length: Full Year
Prerequisite: English Language Arts 11		
RESOURCE ENGLISH LANGUAGE ARTS		
This course focuses on basic Language Arts skills and literature. This class is by permission only.		
Grade: 9-12	Credit: 1	Length: Full Year
Prerequisite: Teacher Approval		

SPEECH		COURSE NUMBER: <u>0107</u> <u>0108</u>
During this course, students will demonstrate an understanding and application of the techniques used in formal public speaking including listening skills, speech preparation, and research methods. Activities involve preparing speeches to inform, entertain, and persuade as well as panel discussions and oral interpretation of literature.		
Grade: 9-12	Credit: $\frac{1}{2}$	Length: Semester
Prerequisite: None		
CREATIVE WRITING		COURSE NUMBER: <u>4997</u> <u>4998</u>
This course allows students the opportunity to develop the skills of writing creatively through engaging in daily writing, reading models of professional writing, and sharing and commenting on compositions with others. Students will use appropriate grammar and punctuation in order to create their own portfolios.		
Grade: 9-12	Credit: $\frac{1}{2}$	Length: Semester
Prerequisite: None		
ROVER LEADERSHIP		COURSE NUMBER: <u>5016</u> <u>5013</u>
This course is designed to develop and improve all people's leadership skills. The course will focus on goal setting, team building, personal relations, and problem-solving. Students will learn how to develop their leadership style, communication skills, teamwork, decision-making skills, and more. In addition, students will develop leadership skills by studying time and stress management, peer pressure, self-confidence, assertiveness, and a positive attitude. Students may complete leadership projects within the school as well as in the community. This course can be a lot of fun, but each student must come to class prepared with an open mind, respect for others, and a willingness to participate.		
Grade: 10-12	Credit: $\frac{1}{2}$	Length: Semester
Prerequisite: None		
ACT READING & ENGLISH PREP		COURSE NUMBER: <u>9033</u>
This course is specifically designed to help students sharpen their skills and boost their ACT scores. Throughout the course, students will master key reading comprehension strategies, refine their grammar and writing skills, and become experts at tackling ACT-style questions. This is one-half of a full-year course that also covers ACT Math.		
Grade: 10-12	Credit: $\frac{1}{2}$	Length: Semester
Prerequisite: Teacher Recommendation		

TEEN ISSUES THROUGH FILM		COURSE NUMBER: <u>4999</u>
This course will examine films that focus on a variety of issues, that many teens face today. Students will read fiction and nonfiction works, complete research, write essays, and give presentations relating to the films and topics. The topics, films, and reading materials may contain mature topics. All students will be expected to act in a mature manner and be open to hearing other students' opinions.		
Grade: 10-12	Credit: $\frac{1}{2}$	Length: Semester
Prerequisite: None		
TEEN ISSUES THROUGH LITERATURE		COURSE NUMBER: <u>4999</u>
This course will explore social, physical and psychological issues that are being faced by teens. A variety of mediums will be utilized and they will contain mature content. This is an intense reading class and will require a large amount of outside reading.		
Grade: 11-12	Credit: $\frac{1}{2}$	Length: Semester
Prerequisite: None		
CAREER PREP		COURSE NUMBER: <u>TBD</u>
Focusing on students going directly into the workforce or a tech school, this class will introduce the skills needed to succeed. Students will cover topics such as interview skills, office communications, and matching skills to employment. They will also have the opportunity to listen to speakers from different career categories. They will explore a variety of careers and the schooling/training necessary for those positions.		
Grade: 11/12	Credit: $\frac{1}{2}$	Length: Semester
Prerequisite: None		
JOURNALISM		COURSE NUMBER: <u>15012</u>
Journalism is a course that requires strong reading, writing, editing and computer skills. Students will publish a weekly newsletter and a monthly newspaper. Students are required to write stories, conduct interviews, proofread, and layout the publication.		
Grade: 11/12	Credit: $\frac{1}{2}$	Length: Semester
Prerequisite: Received an A or B in previous English class		

MATH

ALGEBRA I		COURSE NUMBER: <u>TBD</u>
Algebra I is a first-year algebra course focusing on the foundations of algebra. We will focus mostly on linear and quadratic functions but will include an introduction to other types of functions. These will give you the building blocks for Algebra II. Topics include 1 and 2 Variable Equations, Linear and Quadratic Functions, Sequences, 1 and 2 Variable Inequalities, Systems of Equations, Radical and Rational functions, Trigonometric ratios, and Statistics. Students are required to have a TI-83 Plus, TI-84 Plus, or TI-84 Silver edition graphing calculator. The TI-Nspire can be used, but the TI-84 keypad is required. Use of any calculator other than these may inhibit a student’s ability to acquire certain material and keep up with the class.		
Grade: 9	Credit: 1	Length: Full Year
Prerequisite: 8/9		

GEOMETRY		COURSE NUMBER: <u>9061</u> <u>9062</u>
This course looks at four main areas of mathematics: Algebra, Statistics, Geometry and Trigonometry. Students will continue their exploration of these topics throughout the year. The focus will be on student-led learning. Experimentation and investigation are important components of the course. Students are required to have a TI-83 Plus, TI-84, TI-84 Plus or TI-84 Silver edition graphing calculator. The TI-Inspire can be used, but the TI-84 keypad is required. Use of any calculator other than these may inhibit the students' learning and ability to keep up with the class.		
Grade: 9/10	Credit: 1	Length: Full Year
Prerequisite: Algebra I or Integrated Math I		

HONORS GEOMETRY		COURSE NUMBER: <u>9069</u> <u>9070</u>
This course takes a rigorous and faster-paced approach covering four main areas of mathematics: Algebra, Statistics, Geometry and Trigonometry. Students will continue their exploration of these topics throughout the year. The focus will be on student-led learning. Experimentation and investigation are important components of the course. Students are required to have a TI-83 Plus, TI-84, TI-84 Plus, or TI-84 Silver edition graphing calculator. The TI-Nspire can be used, but the TI-84 keypad is required. Use of any calculator other than these may inhibit the students' learning and ability to keep up with the class.		
Grade: 9/10	Credit: 1	Length: Full Year
Prerequisite: Honors Algebra I/Honors Integrated Math I or Algebra I/Integrated Math I with Teacher Recommendation		

ALGEBRA II		COURSE NUMBER: <u>TBD</u>
Algebra II is a second-year algebra course with an overall theme of problem-solving. Topics include Sequences and Linear Functions, Linear Systems, Function Families and Transformations, Working with Functions, Exponential Functions and Logarithms, Quadratics, Higher Degree Functions, Rational and Radical Families, and Trigonometry. Students must have a TI-83 or TI -84 Graphing calculator. Use of any calculator other than these may inhibit the student's learning and ability to keep up with the class.		
Grade: 10/11	Credit: 1	Length: Full Year
Prerequisite: Integrated Math II		

HONORS ALGEBRA II		COURSE NUMBER: <u>TBD</u>
Honors Algebra II is a combined Algebra II and Pre-calculus course. Topics include linear functions and systems, quadratic functions and systems, polynomial functions, rational and radical functions, exponential and logarithmic functions, trigonometric functions/ equations/ identities, matrices, conic sections, data analysis and statistics, and probability. This course is designed to prepare students for college-level mathematics after this course. Students must have a TI-83 or TI -84 Graphing calculator. Use of any calculator other than these may inhibit the student's learning and ability to keep up with the class.		
Grade: 10/11	Credit: 1	Length: Full Year
Prerequisite: Honors Integrated Math II or Integrated Math II with Teacher Recommendation		

INTEGRATED MATH 4		COURSE NUMBER: <u>9047</u> <u>9048</u>
This course covers the second half of Algebra II. Students will examine advanced algebraic concepts including trigonometry, exponential functions, systems of equations, factoring, and distribution. Students are required to have a TI-83 Plus, TI-84, TI-84 Plus or TI-84 Silver edition graphing calculator. The TI-Inspire can be used, but the TI-84 keypad is required. Use of any calculator other than these may inhibit the students' learning and ability to keep up with the class.		
Grade: 11/12	Credit: 1	Length: Full Year
Prerequisite: Integrated Math III or Algebra II		

AP STATISTICS		COURSE NUMBER: <u>0100</u> <u>0101</u>
In this course, students will be introduced to the major concepts of probability, interpretation of data, and statistical problem-solving. Students will learn the course concepts through hands-on experimentation and investigation. Calculations sometimes may be done by hand and other times will be completed with the use of technology. They will analyze existing data as well as data collected through a survey, and observational study. This is a college-level course. Students must have a TI-84 calculator. All students must take the AP Calculus test at their own expense. (approx. \$92)		
Grade: 11/12	Credit: 1	Length: Full Year
Prerequisite: Integrated Math III		

CCP MATHEMATICS FOR EVERYDAY LIFE (MATH:135)		COURSE NUMBER: <u>0102</u>
This is a College Credit Plus (CCP) course through the University of Akron. Contemporary applications of mathematics for the non-science major to develop skills in logical thinking and reading technical material. Two units will focus on math of finance and descriptive statistics.		
Grade: 11/12	Credit: 1	Length: Semester
Prerequisite: ACT Math score of 17 <u>OR</u> SAT Math Score of 440 <u>OR</u> MapleSoft (Mobius) Arithmetic and Basic Skills Placement score of 18		
CCP ALGEBRA FOR CALCULUS (MATH:145)		COURSE NUMBER: <u>91377</u>
This is a College Credit Plus (CCP) course through the University of Akron. Real numbers, equations and inequalities, linear and quadratic functions. Exponential and logarithmic functions. Systems of equations, matrices, determinants. Permutations and combinations.		
Grade: 11/12	Credit: 1	Length: Semester
Prerequisite: ACT Math score of 21 <u>OR</u> SAT Math score of 530 <u>OR</u> MapleSoft (Mobius) Algebra Placement score of 24 if earned a 18-20 on ACT <u>OR</u> Sequential Tests through Akron with qualifying scores		
CCP PRECALCULUS MATHEMATICS (MATH:149)		COURSE NUMBER: <u>9098</u>
This is a College Credit Plus (CCP) course through the University of Akron. Functions, polynomial functions, complex numbers, exponential and logarithmic functions, systems of equations, trigonometric functions, mathematical inductions, sequences, and binomial theorems.		
Grade: 11/12	Credit: 1	Length: Semester
Prerequisite: MATH:145 or MATH:153 with a grade of C- or better MapleSoft (Mobius) Advanced Algebra Placement score of 18		
RESOURCE MATH		
This course focuses on basic math competency.		
Grade: 9-12	Credit: 1	Length: Full Year
Prerequisite: Teacher Approval		

EXPLORATIONS OF MATHEMATICS		COURSE NUMBER: <u>9097</u>
In this elective course, students will create prototypes to solve real world problems using math and the utilization of a 3D printer. This class will try to partner with local businesses to make these real world problems as realistic as possible.		
Grade: 9-12	Credit: $\frac{1}{2}$	Length: Semester
Prerequisite: None		
FOUNDATIONS OF MATH		COURSE NUMBER: <u>9936</u>
Foundations of Math is a semester course designed to reinforce the building blocks of math needed to be successful in Algebra I. This course will take a deep dive into linear and exponential functions, while also reinforcing basic math skills and concepts. Other topics will include solving equations and inequalities, simplifying various expressions, modeling with algebra, and systems of equations. Students are required to have a TI-83 Plus, TI-84 Plus or TI-84 Silver edition graphing calculator. The TI-Nspire can be used, but the TI-84 keypad is required. Use of any calculator other than these may inhibit a student's ability to acquire certain material, and keep up with the class.		
Grade: 9/10	Credit: $\frac{1}{2}$	Length: Semester
Prerequisite: None		
APPLIED MATHEMATICS		COURSE NUMBER: <u>9068</u>
In this elective course, students will explore the world around them through a mathematics lens. Students will apply mathematics concepts that they have already learned and continue to learn and apply to their everyday lives.		
Grade: 10-12	Credit: $\frac{1}{2}$	Length: Semester
Prerequisite: None		
ACT MATH PREP		COURSE NUMBER: <u>9921</u>
The math portion of the ACT will be from concepts from Integrated Math I, Integrated Math 2, and Integrated Math 3. They focus on Integrating Essential Skills, Numbers and Quantities, Algebra, Functions, Geometry, and Statistics. We will review concepts in each of these topics and practice ACT-type questions in preparation for the ACT. This is one-half of a full-year course that also covers ACT English/Reading.		
Grade: 10-12	Credit: $\frac{1}{2}$	Length: Semester
Prerequisite: Teacher Recommendation		

SCIENCE

BIOLOGY

COURSE NUMBER: 9102 | 9103

This course will cover the Biological Standards required by the Ohio Dept. of Education. Through hands-on labs and lectures, students will gain an understanding of living systems, heredity, evolution, cells, and diversity of species.

Grade: **9**

Credit: **1**

Length: **Full Year**

Prerequisite: **None**

HONORS BIOLOGY

COURSE NUMBER: 19103 | 19120

This course will take an in-depth look at biological concepts, including cellular biology, genetics, changes through time, ecology, and interdependence of life.

Grade: **9**

Credit: **1**

Length: **Full Year**

Prerequisite: **None**

PHYSICAL SCIENCE

COURSE NUMBER: 9100 | 9101

This course will teach the Academic Content Standards required by the Ohio Dept. of Education. The students will study concepts related to the nature of science, introductory material to physics, and introductory material to chemistry. This class is designed to introduce the foundational material that prepares students to take upper-level science courses in the future.

Grade: **10**

Credit: **1**

Length: **Full Year**

Prerequisite: **Biology**

HONORS PHYSICAL SCIENCE

COURSE NUMBER: 9120 | 9121

This course will teach the Academic Content Standards required by the Ohio Dept. of Education. The students will study concepts related to the nature of science, introductory material to physics, and introductory material to chemistry. This class is designed to introduce the foundational material that prepares students to take upper-level science courses in the future.

Grade: **10**

Credit: **1**

Length: **Full Year**

Prerequisite: **Honors Biology or Biology with Teacher Recommendation**

GEOLOGY		COURSE NUMBER: <u>0110</u>
Geology is an in-depth study of how the earth is constructed and the processes that have formed the earth and continue to change the Earth's surface. Topics will include the understanding of the formation and identification of rocks and minerals; the types of volcanoes and how and why they erupt; the weathering of rocks and their effects on Earth's surface and human populations; rivers and groundwater and the ecological impacts of humans on water sources; glaciers, deserts, beaches, and the ocean floor; earthquakes and their relationships to plate tectonics and the effects on humans. This course counts as an "Advanced Science."		
Grade: 10-12	Credit: 1	Length: Full Year
Prerequisite: Honors Biology and Physical Science		
CHEMISTRY		COURSE NUMBER: <u>9108</u> <u>9109</u>
High School Chemistry is an engaging and foundational science course designed to introduce students to the fundamental principles and concepts of chemistry. This course provides a comprehensive exploration of matter, its properties, and the interactions that govern the physical and chemical world. Students will gain a deep understanding of the essential chemical principles that underpin our everyday lives. This course counts as an "Advanced Science."		
Grade: 11/12	Credit: 1	Length: Full Year
Prerequisite: Physical Science		
HONORS CHEMISTRY		COURSE NUMBER: <u>9115</u> <u>9116</u>
This course is a more rigorous and faster-paced approach to Chemistry. Instruction is at a level for the honor student but a conscious effort is made to provide a solid background for students who may need it in college. Laboratory experiments are done to reinforce principles learned in class. This course counts as an "Advanced Science."		
Grade: 11/12	Credit: 1	Length: Full Year
Prerequisite: Honors Physical Science or Physical Science with Teacher Recommendation		
PHYSICS		COURSE NUMBER: <u>9110</u> <u>9111</u>
This course is an introduction to the basic principles of motion and the causes of motion. There is heavy emphasis on problem-solving and analytical thinking. Laboratory experiments are done to aid the student in understanding the basic principles of motion.		
Grade: 11/12	Credit: 1	Length: Full Year
Prerequisite: Integrated Math 2		

ANATOMY & PHYSIOLOGY		COURSE NUMBER: <u>91141</u> <u>91142</u>
This course examines the basic biological concepts of structure and function of the human body. Body systems, such as the cardiovascular, respiratory, nervous, digestive, muscular, skeletal, and reproductive will be surveyed. Special topics may include the disease processes that affect the human body, such as cancers and AIDS. This course counts as an “Advanced Science.”		
Grade: 11/12	Credit: 1	Length: Full Year
Prerequisite: Physical Science		
ENVIRONMENTAL SCIENCE - EARTH’S SYSTEMS		COURSE NUMBER: <u>9106</u>
This course will focus on the interactions between organisms and their environment. This course provides a background in the fundamental principles of ecological science, including concepts of population and community ecology, biodiversity, and sustainability. Students will acquire an “ecological literacy” about how the natural world works, and develop an understanding of how scientific methods are used to construct ecological knowledge. This course counts as an “Advanced Science” if taken with the other Environmental Science course.		
Grade: 11/12	Credit: ½	Length: Semester
Prerequisite: Physical Science		
ENVIRONMENTAL SCIENCE - EARTH’S RESOURCES AND ENVIRONMENTAL ISSUES		COURSE NUMBER: <u>9107</u>
This course will focus on various resources that the Earth has to offer as well as the current issues occurring within our environment. This course provides a background in the fundamental principles of environmental science, including concepts of overpopulation, renewable/nonrenewable resources, water and air quality, and waste management. Students will take a look at the impacts they are making and possible solutions for these issues. This course counts as an “Advanced Science” if taken with the other Environmental Science course.		
Grade: 11/12	Credit: ½	Length: Semester
Prerequisite: Physical Science		
ADVANCED BIOLOGY		COURSE NUMBER: <u>9915</u>
In Biology 2 we study DNA, its physical and functional properties, and how it has shaped life on Earth. Additionally we study how modern technology has allowed for the manipulation of DNA to benefit society.		
Grade: 11/12	Credit: ½	Length: Semester
Prerequisite: Physical Science		

CONSERVATION SCIENCE**COURSE NUMBER: 1489 | TBD**

An introduction to the science behind the North American Model of Wildlife Conservation and how it continues to save wildlife and their ecosystems.

Grade: **11/12**Credit: **1**Length: **Full Year**Prerequisite: **Physical Science****BOTANY AND HORTICULTURE****COURSE NUMBER: 9301**

An interactive class focused on cultivating plants in our growing zone but study of other growing zones and types of vegetation that grows in each. Discuss different types of trees, grasses, weeds, flowers, herbs, house plants, and preferred growing conditions for each including invasive plant species. Learn about soils, pH, hydroponics, fertilizers, pesticides, and organic methods. Will also discuss medicinal plants and how they lead to the development of pharmaceuticals.

Grade: **9-12**Credit: **½**Length: **Semester**Prerequisite: **None****WEATHER****COURSE NUMBER: 9096**

Survey weather phenomena, climate and processes that control them. Topics include the composition and structure of the atmosphere and real-time weather analysis.

Grade: **9-12**Credit: **½**Length: **Semester**Prerequisite: **None****SOCIAL STUDIES****WORLD HISTORY****COURSE NUMBER: 8001 | 8002**

This course is required and is a survey of global historical events from 1750 to the present. Includes a current events format.

Grade: **9**Credit: **1**Length: **Full Year**Prerequisite: **None****HONORS WORLD HISTORY****COURSE NUMBER: 8020 | 8021**

This course is required and is a survey of global historical events from 1750 to the present. As it is an honors class, the pace is quicker with an increased emphasis on hands-on instruction and critical analysis of historical documents. Requires teacher approval to enroll.

Grade: **9**Credit: **1**Length: **Full Year**Prerequisite: **Teacher Recommendation**

AMERICAN HISTORY		COURSE NUMBER: <u>8028</u> <u>8029</u>
This course is required and is a survey of US historical and chronological events from 1877 to the present. Heavy emphasis is placed on improving historical thinking skills and preparation for the Ohio State Test in the Spring.		
Grade: 10	Credit: 1	Length: Full Year
Prerequisite: World History		
CCP U.S. HISTORY SINCE 1877 (HIST: 251)		COURSE NUMBER: <u>TBD</u>
Survey of United States history from the end of Federal Reconstruction to the present.		
Grade: 9-12	Credit: 1	Length: Spring 2026
Prerequisite: ACT Reading score of 16 <u>OR</u> complete the Reading Accuplacer Test through the University of Akron.		
AP AMERICAN HISTORY		COURSE NUMBER: <u>8014</u> <u>8015</u>
This is a rigorous and challenging course intended to be similar to a college course; students are expected to keep up with extensive reading of textbook materials as well as additional primary and secondary sources and assignments. The College Board dictates a prescribed curriculum, beginning with pre-Columbian civilizations and ending in the present, in order to prepare students for the AP History test in May. Excellent writing skills are a must for success in this class. With a passing grade on the AP Test a student may receive college credit at the discretion of the university students hope to attend. Students will be required to take the AP History test at their own expense (approx. \$92.00).		
Grade: 10	Credit: 1	Length: Full Year
Prerequisite: Students must have teacher approval to enroll and may be removed if their grade falls below a “C-” at the close of the first semester.		
AMERICAN GOVERNMENT		COURSE NUMBER: <u>8010</u> <u>8011</u>
This is a general survey course covering the basics of national, state, and local governments. Through this class the student will become aware of the fundamental and practical purposes of government and how they apply to the individual in their everyday life. It will include voter registration and other activities.		
Grade: 11/12	Credit: 1	Length: Full Year
Prerequisite: American History		

HONORS AMERICAN GOVERNMENT		COURSE NUMBER: <u>8018</u> <u>8019</u>
This course takes a rigorous and faster pace covering national, state, and local governments. This class will afford students a deeper understanding of the fundamental and practical purposes of government and how they apply to the individual in their everyday lives. It will include voter registration and other activities.		
Grade: 11/12	Credit: 1	Length: Full Year
Prerequisite: AP American History or American History with Teacher Recommendation		
FINANCIAL LITERACY		COURSE NUMBER: <u>0106</u>
Financial Literacy offers an engaging, scaffolded curriculum that introduces key topics and principles necessary to financial literacy. The one-semester course covers earning and spending; savings and investing; credit and debt; protection of assets; and financial planning and decision-making. Through real-life scenarios and hands-on activities, the course explores choosing between banking and investment options, shopping for an auto loan, choosing among career and college options, financing options for continuing education, planning for retirement, and creating and living within a budget.		
Grade: 11-12	Credit: ½	Length: Semester
Prerequisite: None		
HOLLYWOOD AND HISTORY		COURSE NUMBER: <u>0104</u>
A study of the birth of film in the U.S. through the present. Students will view classic films from “The Great Train Robbery” (1903) to more contemporary films. Students will trace the development of film through each decade of the 20th century. This class will involve independent and cooperative research of historical themes and time periods as they relate to film from the 1900s to the present.		
Grade: 9-12	Credit: ½	Length: Semester
Prerequisite: None		
JIM THORPE AND THE HISTORY OF NATIVE AMERICAN ATHLETICS		COURSE NUMBER: <u>TBD</u>
A study of contributions Native Americans have made to American sports history. This class will begin with the novel <u>Jim Thorpe: Original All American</u> by Joseph Bruchac. After fully investigating Jim Thorpe’s life and reading the novel, students will broaden their understanding of Native American contributions to sport in the 20th century and early 21st century.		
Grade: 9-12	Credit: ½	Length: Semester
Prerequisite: None		

PSYCHOLOGY		COURSE NUMBER: <u>9302</u>
This course will focus on gaining a better understanding of people, and at times the topics will be specific and personal. Students will discover new ways of looking at and interpreting their behavior. Daily events students might ordinarily take for granted may now become fuel for thought.		
Grade: 11/12	Credit: $\frac{1}{2}$	Length: Semester
Prerequisite: None		

SOCIOLOGY		COURSE NUMBER: <u>9309</u>
The course will focus on acquiring a sociological imagination so that students develop the capacity to shift from one perspective to another. In the process, students will build a positive view of our total society. Understanding the perspective of others, and how their perspective affects you, can lead to a more productive future.		
Grade: 11/12	Credit: $\frac{1}{2}$	Length: Semester
Prerequisite: None		

AFRICAN AMERICAN HISTORY		COURSE NUMBER: <u>7998</u>
This course will examine the history of African Americans from the Atlantic slave trade to the present. Topics will include slave narratives, the struggle for equality during the civil rights movement, and the men and women who inspired/led these movements. Segregation in the United States throughout the 19th and 20th centuries will also be considered, as well as the connection of African Americans to Africa and a search for a shared cultural identity. This course will require reading and writing in keeping with the historical inquiry method and is open to juniors and seniors. This course will require students to complete a research project on a topic of their choosing related to African American history.		
Grade: 11/12	Credit: $\frac{1}{2}$	Length: Semester
Prerequisite: None		

PHYSICAL EDUCATION / HEALTH

PHYSICAL EDUCATION		COURSE NUMBER: <u>3000</u>
This course will meet every day for the entire semester. Students will experience a wide variety of physical activities that will include fitness and individual and team sports. Students will also be responsible for understanding the history, rules, and concepts involved in a variety of sports. Full participation will be required. Students are required to dress appropriately (shorts, t-shirts, warm-ups, tennis shoes, etc.) each and every day. A student may be excused for an injury for up to four weeks. During class time missed, the student will be required to write a series of reports to receive credit. After four weeks, the student must retake the course.		
Grade: 9-12	Credit: $\frac{1}{4}$	Length: Semester
Prerequisite: None		

HEALTH		COURSE NUMBER: <u>3003</u>
One semester of Health is required of all students. Classes are co-ed and cover a variety of topics including nutrition, personal health, physical fitness, alcohol, tobacco and drugs, disease, and first aid.		
Grade: 9-12	Credit: ½	Length: Semester
Prerequisite: None		

ATHLETIC STRENGTH AND CONDITIONING		COURSE NUMBER: <u>3001</u>
This course will meet every day for one full semester. Students will experience and study a variety of strength, endurance, and conditioning activities for the all-around athlete. Students will also study research-based nutrition and health-related topics focused on athletic wellness. Topics of this course will include strength training, resistance training, plyometrics, speed and agility training, and flexibility. Students will be required to dress appropriately for this course on a daily basis (shorts, t-shirt, warm ups, tennis shoes, etc.).		
Grade: 10-12	Credit: ½	Length: Semester
Prerequisite: Two Physical Education classes		

SPANISH

SPANISH 1		COURSE NUMBER: <u>5058</u> <u>5059</u>	
Students will have the opportunity to hear, speak, develop basic reading skills, and use proper grammatical structures in writing. An awareness of the customs and cultures of Spanish-speaking countries will also be developed.			
Grade: 9-12	Credit: 1	Length: Full Year	
Prerequisite: None			

SPANISH 2		COURSE NUMBER: <u>5060</u> <u>5061</u>
This course refines the knowledge of Spanish conversation, vocabulary, grammar and reading. The student’s ability to communicate via speaking or writing will be strengthened. They will become familiar with Spanish-speaking countries, their locations, their customs, and traditions.		
Grade: 10-12	Credit: 1	Length: Full Year
Prerequisite: Spanish 1		

SPANISH 3		COURSE NUMBER: <u>5062</u> <u>5063</u>	
Students will enhance their capabilities to hear, speak, read, and write Spanish with greater comprehension. Students will use Spanish related to everyday situations (banking, shopping, travel agency, etc.).			
Grade: 11-12	Credit: 1	Length: Full Year	
Prerequisite: Spanish 2			

SPANISH 4		COURSE NUMBER: <u>5062</u> <u>5063</u>	
The student will continue to sharpen his/her skills in hearing, speaking, reading and writing Spanish. Students will read and discuss works by Spanish and Hispanic authors. The student will be acquainted with the value of Spanish in personal endeavors.			
Grade: 12	Credit: 1	Length: Full Year	
Prerequisite: Spanish 3			

SPANISH CULTURE		COURSE NUMBER: <u>0105</u>	
In this class, students will explore Spanish culture and its influence in our society today. We will research topics such as food, music, art, architecture, festivals and holidays. There will be written and presentational assignments in lieu of traditional tests.			
Grade: 9-12	Credit: $\frac{1}{2}$	Length: Semester	
Prerequisite: None			

HISPANIC CULTURE		COURSE NUMBER: <u>TBD</u>	
In this class, students will explore the culture varied cultures of Central and South America and their influence in our society today. We will research topics such as food, music, art, architecture, festivals and holidays. There will be written and presentational assignments in lieu of traditional tests.			
Grade: 9-12	Credit: $\frac{1}{2}$	Length: Semester	
Prerequisite: None			

ART

EXPLORATIONS OF ART AND CULTURE		COURSE NUMBER: <u>2001</u>
This unique visual arts course will enable students the opportunity to participate in collaborative interdisciplinary art experiences that include hands-on art-making, media arts investigations, group discussion of contemporary artists, engaging in the creation of public art installations, and the chance to curate art gallery shows. Students will make connections to other disciplines and current events while gaining experience with visual problem-solving and project-based inquiry.		
Grade: 9-12	Credit: ½	Length: Semester
Prerequisite: None		
ART COMPOSITION		COURSE NUMBER: <u>2000</u>
This course is the basic introductory class where you learn the fundamental concepts of art and design. In art composition, you will be working on design techniques, drawing, painting, printmaking, sculpture, and art history. This class will take a creative, historical, and critical approach to learning about art. The projects assigned are intended to emphasize specific techniques while learning the elements of art and principles of design. This course must be taken before any other art courses besides Explorations of Art and Culture.		
Grade: 9-12	Credit: ½	Length: Semester
Prerequisite: None		
CERAMICS I		COURSE NUMBER: <u>2003</u>
This course is a basic introductory class designed to give students an overview of the visual arts and ceramics. This class will take a creative, historical, and critical approach to learning about art. The projects assigned are designed to emphasize specific concepts of clay, and two-dimensional and three-dimensional works of art. Within the limits of the assignments, there is room for individual creativity.		
Grade: 9-12	Credit: ½	Length: Semester
Prerequisite: Art Composition		
CERAMICS II		COURSE NUMBER: <u>2004</u>
This course is an intermediate class designed to allow students to create their style in the visual arts and ceramics. This class will take a creative, historical, and critical approach to learning about art. The projects assigned are designed to emphasize specific techniques or concepts of clay, two-dimensional, and three-dimensional works of art on an intermediate level. Within the limits of assignments, there is room for individual creativity.		
Grade: 10-12	Credit: ½	Length: Semester
Prerequisite: Ceramics I		

DIGITAL IMAGING		COURSE NUMBER: <u>TBD</u>
In this course students will learn to use the computer and the software application, Gimp, to create unique digital images. Students will explore both the technical aspects of image manipulation, as well as the artistic aspects of creating images through photography. Students will become familiar with Gimp through watching demonstrations and completing structured assignments as well as open-ended assignments and projects. This class will alternate years with Graphic Design.		
Grade: 9-12	Credit: $\frac{1}{2}$	Length: Semester
Prerequisite: Art Composition		
GRAPHIC DESIGN		COURSE NUMBER: <u>2013</u>
Graphic Design is a class that teaches art and technology. In this class, students will use design as a creative process in communication. Students will also explore various methods used to create and combine words, symbols, and images to create a visual representation of ideas and messages. Students will use the basic elements and principles of art and also learn how to use computer programs to create unique designs. This class teaches the basics of graphic design through an illustrative and corporate view. This class will alternate years with Graphic Design.		
Grade: 9-12	Credit: $\frac{1}{2}$	Length: Semester
Prerequisite: Art Composition		
MIXED MEDIA		COURSE NUMBER: <u>2010</u>
This class will take a critical approach to learning about drawing, painting, and other two-dimensional media. Students will review works from the masters and complete in-depth studies of the subject matter. The students will be responsible for providing their own sketchbooks. The minimum sketchbook size is 8.5 x 11 inches.		
Grade: 9-12	Credit: $\frac{1}{2}$	Length: Semester
Prerequisite: Art Composition		
3D ART		COURSE NUMBER: <u>2014</u>
3D Art Design is a studio project-orientated class exploring different media areas of 3-Dimensional and Graphic design. The emphasis of this course is to expose students to 3D art mediums and to build their creative skills through the elements and principles of design. These projects will be mostly sculptural-based for 3D work.		
Grade: 9-12	Credit: $\frac{1}{2}$	Length: Semester
Prerequisite: Art Composition		

INDEPENDENT ART		COURSE NUMBER: <u>2006</u> <u>2007</u>
This independent study course is offered to students who will be going into art after graduation and will be arranged according to the student and teacher's schedule. It is a self-motivating course for a student to spend more time perfecting a skill or skills not offered in a course of study.		
Grade: 11/12	Credit: $\frac{1}{2}$	Length: Semester
Prerequisite: Please see teacher BEFORE signing up for classes.		

MUSIC

JAZZ BAND		COURSE NUMBER: <u>2104</u> <u>2105</u>
To play jazz through a variety of different styles of jazz music. These styles are blues, shuffle, ballad, samba, and rock. Students will play and improve upon improvisation through chord changes and alternative forms, including rhythm changes, and blues form. Finally, the members of the jazz ensemble will prepare for performances, festivals, and contests.		
Grade: 9-12	Credit: $\frac{1}{2}$	Length: Semester
Prerequisite: Previous participation in a concert or marching band at RHS, RMS, or another school OR private lessons on a band instrument and a conference with the director.		

MARCHING/CONCERT BAND A		COURSE NUMBER: <u>2100</u>
Offered during the fall semester only, this course provides an instrumental music experience that teaches music through a combination of traditional music education techniques and rhythmic movement. The marching band begins in July and continues until the end of October. The marching band spends a week at band camp every August and performs at all varsity football games, several band festivals, and several school functions during the school year. The marching band also travels to events. Attendance is mandatory at these events and directly correlates with the course grade the student will receive. Known as the "Pride of Rootstown" the marching band has a rich history of exciting performances. Successful completion of this course will require students to demonstrate proficiency in the following Ohio Academic Content Standards in Fine Arts-Music: Ohio Academic Content Standards in Fine Arts-Music: Perceiving/Knowing/Creating and Producing/Performing.		
Grade: 9-12	Credit: $\frac{1}{2}$	Length: Semester
Prerequisite: Previous participation in a concert or marching band at RHS, RMS, or another school OR private lessons on a band instrument and a conference with the director.		

CONCERT BAND B		COURSE NUMBER: <u>2101</u>
This course is a required follow-up to the Marching Band and is offered during the second semester only. The course is available to students who did not take <i>MARCHING /CONCERT BAND A</i> in the first semester. This course provides a band experience for the high school student who wishes to challenge him or herself by performing band literature and in small ensembles throughout the year at school and community functions as well as performances and competitions sponsored by the Ohio Music Education Association. Students are required to attend all rehearsals and successful completion of this course will require students to demonstrate proficiency in the following Ohio Academic Content Standards in Fine Arts-Music: Ohio Academic Content Standards in Fine Arts-Music: Perceiving/Knowing/Creating and Producing/Performing.		
Grade: 9-12	Credit: $\frac{1}{2}$	Length: Semester
Prerequisite: Previous participation in a concert or marching band at RHS, RMS, or another school OR private lessons on a band instrument and a conference with the director.		
CONCERT CHOIR		COURSE NUMBER: <u>2110</u> <u>2111</u>
Concert Choir is a performance-based, year-long course open to all students in grades 9-12 who enjoy singing and performing with others. The class explores vocal music from a wide variety of genres through study and performance. Enrollment is open with the continued recommendation by the director. The curriculum focuses on vocal technique, sight-reading, musicianship, music theory, and music history. Students are required to participate in all performances, typically held outside regular school hours, and must adhere to the designated uniform as determined by the director.		
Grade: 9-12	Credit: 1	Length: Full Year
Prerequisite: None		
CLASSICAL MUSIC HISTORY		COURSE NUMBER: <u>TBD</u>
This reading and writing-based history course provides a dynamic exploration of the evolution of music, spanning from the beginnings of music in Prehistoric to the creative pieces written into the 20th Century. Students can expect to dive into the lives of renowned composers and examine the social, cultural, and technological forces that shaped their creations through in-class discussions, listening assignments, and interactive projects.		
Grade: 9-12	Credit: $\frac{1}{2}$	Length: Semester
Prerequisite: None; Although strong reading and writing skills are recommended.		

POPULAR MUSIC HISTORY		COURSE NUMBER: <u>2107</u>
Popular Music is a reading and writing-based history course that will dive into America's cultural evolution in Popular Music History, from the Reconstruction era (Post Civil War) to the vibrant sounds of today. From the birth of jazz and blues to the rise of rock 'n' roll, hip-hop, and electronic genres, students will examine the evolution of popular music as a powerful reflection of societal shifts through in-class discussions, listening assignments, and interactive projects.		
Grade: 10-12	Credit: $\frac{1}{2}$	Length: Semester
Prerequisite: None; Although strong reading and writing skills are recommended.		

FAMILY AND CONSUMER SCIENCES

LIFE SKILLS		COURSE NUMBER: <u>8504</u>
Life Skills is designed to increase student knowledge and skills necessary for everyday living. The course emphasizes goal-setting, decision-making and problem-solving, communication, healthy lifestyles and relationships, nutrition, personal safety, citizenship, and consumerism.		
Grade: 9-12	Credit: $\frac{1}{2}$	Length: Semester
Prerequisite: None		

PRINCIPLES OF NUTRITION AND WELLNESS		COURSE NUMBER: <u>8506</u>
Delicious, healthy lifestyle choices are emphasized in this class. Nutrients, current research and theory, food myths, low-fat cooking, and a variety of weight reduction programs are explored through the preparation of tasty, healthy meals and snack items. This is a “hands-on” class with the students working in the cooking labs for most of the course.		
Grade: 9-12	Credit: $\frac{1}{2}$	Length: Semester
Prerequisite: None		

GLOBAL FOODS		COURSE NUMBER: <u>8511</u>
Gourmet Foods feature dishes that require a higher level of culinary skill than those prepared in Contemporary Foods. Yeast bread, pies, pastries, foreign food, deep-frying, cakes, and cake decorating are among the areas that are covered. <i>If a student would like to earn their fine arts credit, they must take this class along with Culinary Fundamentals in the same school year.</i>		
Grade: 9-12	Credit: $\frac{1}{2}$	Length: Semester
Prerequisite: None		

CULINARY FUNDAMENTALS		COURSE NUMBER: <u>8512</u>
This course will provide an in-depth look at the world of baking. Students will be involved in the creation of a variety of cakes, cookies, pies, puff pastries, quick breads, and savory and sweet yeast breads of all types. Creativity and presentation will be stressed. <i>If a student would like to earn their fine arts credit, they must take this class along with Global Foods in the same school year.</i>		
Grade: 9-12	Credit: ½	Length: Semester
Prerequisite: Global Foods or Principles of Foods		
PRINCIPLES OF FOOD		COURSE NUMBER: <u>8507</u>
The emphasis in this course is on food choices that fit with today’s fast-paced lifestyle. The “My Plate” template will be used as a tool for making wise food choices. The class goes through units that involve dishes that would be found in breakfast, lunch, and dinner. Convenience products are often used as a basis for quick, tasty dishes. Holiday foods are featured during one week with an emphasis on creativity and presentation.		
Grade: 9-10	Credit: ½	Length: Semester
Prerequisite: None		
FOOD SCIENCE		COURSE NUMBER: <u>8509</u>
Students will plan and prepare meals that are delicious and nutritious. Exploration of new tastes and culinary techniques will be stressed. This is a “hands-on” class for those students interested in taking their culinary skills to the next level. Students will be working in the cooking labs for most of the course.		
Grade: 10-12	Credit: ½	Length: Semester
Prerequisite: One of the following: Global Foods, Principles of Foods, or Principles of Nutrition and Wellness		

TECHNOLOGY

EXPLORATIONS IN TECHNOLOGY		COURSE NUMBER: <u>1002</u>
This class introduces students to a variety of technology topics including: the Google platform, robotics, programming, and digital communications. The diverse nature of this course will allow students to choose appropriate technology courses in the future.		
Grade: 9-11	Credit: ½	Length: Semester
Prerequisite: None		

PROGRAMMING		COURSE NUMBER: <u>1010</u>
Students will learn the basics of programming in different languages (JavaScript, Python, HTML, etc.), and apply this knowledge to areas such as creating and debugging programs and web design.		
Grade: 9-12	Credit: ½	Length: Semester
Prerequisite: Explorations in Technology		

ROBOTICS		COURSE NUMBER: <u>TBD</u>
Students will apply the knowledge and skills necessary to program and operate Robots, using VEX EXP materials and coding platform. Students will learn robotic operations and system configurations. Students will code, compile, and debug programs using block code and the robotic programming language.		
Grade: 9-12	Credit: ½	Length: Semester
Prerequisite: Explorations in Technology		

ROVER HELP DESK		COURSE NUMBER: <u>5017</u>
In this blended learning class, students will develop and refine their information technology skills, as well as research, presentation, mentoring, project development, and leadership skills. Participants will apply these skills by collaborating with teachers and assisting them with technology integration. Students will also assist peers in troubleshooting technology issues through managing a student-led help desk.		
Grade: 9-12	Credit: ½	Length: Semester
Prerequisite: Explorations in Technology, Teacher Recommendation and Interview.		

DIGITAL MEDIA		COURSE NUMBER: <u>5019</u>
Through the study of digital and interactive media and its application in information technology, students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address needs and resolve problems. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students develop the Rover News, while learning about video production. Other topics will include podcasting and vlogging.		
Grade: 10-12	Credit: 1	Length: Full Year
Prerequisite: Explorations in Technology		

YEARBOOK		COURSE NUMBER: <u>5020</u> <u>5023</u>
In this course students will gain skills in page design, advanced publishing techniques, copywriting, editing, and photography while producing a creative, innovative Campio yearbook which records school memories and events. There is an emphasis on journalism skills in this class. Participants gain useful, real world skills in time management, marketing, teamwork, and design principles.		
Grade: 9-12	Credit: $\frac{1}{2}$	Length: Semester
Prerequisite: Applications and Teacher Selection.		

CAREER EXPLORATION

ROVER WORK		COURSE NUMBER: <u>1204</u> - <u>1218</u>
Rover Work emphasizes: 1) the individual student's needs and goals, 2) paid supervised work experiences, and 3) a planned career exploration program.		
Their work experience occurs during the school day on the school premises. For their efforts, they receive a minimum wage salary paid every two weeks.		
Grade: 9-12	Credit: $\frac{1}{2}$	Length: Semester
Prerequisite: Counselor and Principal Selection		



ROOTSTOWN HIGH SCHOOL
2024-2025 CURRICULUM GUIDE

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