

CROOKSVILLE HIGH SCHOOL



2023 – 2024 SCHEDULING GUIDE

Crooksville High School

4075 Ceramic Way

Crooksville, OH 43731

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Scott Searing, Principal

www.crooksville.k12.oh.us

Dear CHS Parents/Guardians and Students:

Welcome to the Crooksville High School 2023-2024 Course Description & Scheduling Guide. We are pleased to provide students with this robust, well-rounded curriculum that includes some exciting new choices, including many Dual Enrollment (College Credit Plus) options, many elective offerings including Career Technical courses, and more flexible paths for students to achieve their educational goals at Crooksville High School and beyond.

Students and parents should read this guide carefully, and are urged to please seek direction from teachers and guidance staff when any questions arise. Interests, abilities, future plans, and graduation requirements should all be considered when selecting classes.

Careful planning will allow you to make the most of your opportunities in high school and will enable you to transition smoothly into the world of work, higher education or whatever career path you intend to pursue.

Scott Searing, Principal

CONTENTS

Welcome Letter, Scott Searing, Principal	2
Table of Contents	3
Scheduling Process Overview	4
Progress Book	4
Graduation Pathways	5
Ohio's High School Graduation Requirements:	
Class of 2023 and Beyond.....	6
Diploma with Honors Requirements	7
Crooksville High School	
2023-2024 Daily Schedule	8
Course Descriptions & Flowcharts by Department	
Art	9
English	11
Health & Wellness	14
Math	16
Performing Arts	20
Science	22
Social Studies	37
Spanish	30
Technology	32
Pre-Apprenticeship	33

Scheduling Process Overview

TASK	TIMEFRAME	EXPLANATION	RESPONSIBILITY
Create master schedule	January	Number of sections for each course and teacher availability	School staff
Scheduling procedure orientation	March	Students will attend an orientation (within the school day), during which they will learn about the expectations, procedures and deadlines of the scheduling process	School staff and student
Core teacher recommendations	March	Teachers recommend the following year's course of study for each student	Core teacher and student
Students Arena schedule their classes	March-April	Students work with teachers to schedule their classes	Student and School staff
Students schedules complete	August	Student pick up their schedules at CHS prior to the first day of school	Student and parent

Progress Book

Student grades and attendance information are available to students and parents through Progress Book. Click on the link on our school homepage or go to <https://parent.laca.org>.

Post High School Pathways

TRACK	EXPLANATION	HS CURRICULUM	OTHER REQUIREMENTS
WORK FORCE AFTER HIGH SCHOOL	Find/continue a job after graduation	Completion of graduation/ obtain high school diploma Follow general curriculum	Semester-based occupational preparatory classes
MILITARY	Learn a skill while serving your country in any branch of the service	Completion of graduation/ obtain high school diploma Follow general curriculum	ASVAB
TECHNICAL SCHOOL (MID-EAST CAREER CENTER)	Become qualified/work toward certification in a specific trade while obtaining your high school diploma	Completion of graduation/ obtain high school diploma Follow general curriculum	Prerequisites for Mid-East Career Center (See page 9) Program-specific placement exams may be required Licensing exams are often required
TWO-YEAR COLLEGE	Earn an associate's degree at a two-year school after obtaining your high school diploma	Completion of graduation/ obtain high school diploma Follow general or college prep curriculum	ACT or SAT required for most programs
FOUR-YEAR COLLEGE	Earn a bachelor's degree at a college or university after obtaining your high school diploma	Completion of graduation/ obtain high school diploma Follow college prep curriculum	ACT or SAT College-specific or major-specific placements exams are often required



Ohio's High School Graduation Requirements

Classes of 2023 and Beyond

FIRST

cover

Basics



4 Units
Mathematics



4 Units
English Language Arts



3 Units
Social Studies



3 Units
Science



1 Unit
Health & Physical Education



5 Units
Electives

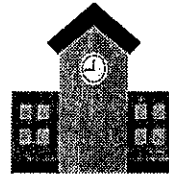
SECOND

demonstrate

Competency



Earn a minimum score of 684 on the Math I and English II end-of-course tests or college-ready score on the ACT or SAT



OR



OR



THIRD

show

Readiness



STATE SEALS



Technology



Citizenship



Biliteracy



Ohio Means Jobs



Honors Diploma



Science



Military Enlistment



College Ready



Industry-Recognized Credential

LOCAL SEALS



Community Service



Student Engagement



Fine & Performing Arts

Students must have a minimum of 1 State Seal

2023-2024 CHS Daily Schedule

Block:

<i>Block</i>	M/TH <i>Block</i> Odd	T/F <i>Block</i> Even
7:30 - 7:40	Homeroom	Homeroom
7:43 - 9:14	1	2
9:17 - 9:27	Break	Break
9:30 - 11:01	3	4
11:01 - 11:31	Lunch/Flex A	Lunch/Flex A
11:31 - 12:01	Lunch/Flex B	Lunch/Flex B
12:04 - 1:35	5	6
1:38 - 2:20	7	7

Normal:

<i>Normal</i>	W <i>Normal</i>
7:30 - 7:40	Homeroom
7:43 - 8:27	1
8:30 - 9:14	2
9:14 - 9:24	Break
9:27 - 10:11	3
10:14 - 10:58	4
10:58 - 11:28	Lunch/Flex A
11:28 - 11:58	Lunch/Flex B
12:01 - 12:45	5
12:48 - 1:31	6
1:34 - 2:20	7



PUBLICATIONS/YEARBOOK			
Course #	1148		
Pre-requisite	Must have passed Art I & Art II (or Art I if taken 2021 or before) with a B or higher AND teacher permission.		
Grades Available	10, 11, 12	Elective	Yes
Credit	1.0	Suggested Tracks	Two-year college Four-year college
Course Length	Year	Fee	None
Description: Students will have required work designing the high school yearbook. Students will learn skills in photography, graphic design, typography and public relations. Students will be required to sell ads, interview individuals, work on fundraising and take pictures of school events. A large amount of work for this class happens outside of class.			

ART I			
Course #	1500		
Pre-requisite	None		
Grades Available	9, 10, 11, 12	Elective	Yes
Credit	1.0	Suggested Tracks	All
Course Length	Year	Fee	None
Description: This course is the foundation for all other visual art classes. Students will learn both techniques and vocabulary associated with visual art. Students will experience a broad range of 2D and 3D media and design. Students will gain an understanding of through project, class discussions, self-reflections, and an art history research project due every nine weeks. Out of class assignments consist of sketching and writing assignments. Students will be required to keep a portfolio.			

ART II			
Course #	1505		
Pre-requisite	Must have passed Art I with a B- or higher OR teacher permission.		
Grades Available	9, 10, 11, 12	Elective	Yes
Credit	1.0	Suggested Tracks	All
Course Length	Year	Fee	None
Description: This course is a continuation of Art I. Students will continue to learn both techniques and vocabulary associated with visual art. Students will continue to experience more 2D and 3D media and design. Students will begin to expand their skills and creative problem techniques. Out of class assignments consist of sketching and writing assignments. Students will be required to keep a portfolio.			



PORTFOLIO DEVELOPMENT/INDEPENDENT ART			
Course #	1522		
Pre-requisite	Teacher Permission		
Grades Available	11, 12	Elective	Yes
Credit	.50 or 1.00	Suggested Tracks	Two-year college Four-year college
Course Length	Semester or Year	Fee	None
Description: This is an advanced level art course for students who would like to explore the possibility of art as a career or college major. You will be accepted based on your talent, maturity level, and interest in art. Students will concentrate on making a portfolio for college and art competitions. Each project requires a 2 page sketchbook, which will outline the different ideas for the project. When creating projects you may be allowed to choose your art medium. You can only use the same art medium twice in a year's time. The mediums you can choose are (but not limited to) Pencil, Charcoal, Pastel, Oil Pastel, Markers, Colored Pencils, Acrylic, Oil paint, Watercolor, Linocut, Woodcut, Sculpture and Graphic Art. There will be a required art history project each nine weeks.			

CREATING & EDITING DIGITAL IMAGES (PHOTOSHOP)			★CCP
Course #	1530 (CPT 2650)		
Pre-requisite	Must meet college partner requirements.		
Grades Available	10, 11, 12	Elective	Yes
Credit	3.00	Suggested Tracks	Two-year college Four-year college
Course Length	Semester	Fee	None
Description: Introduces students to design and layout concepts that make an effective presentation. Topics of instruction will include layout, type design, color usage, scaling photographs and artwork, design of various documents, and integration with written work. An introduction to the use of desktop publishing software will also be included. Classwork will contribute to a required student portfolio.			



ENGLISH I			
Course #	1110		
Pre-requisite	Passing grade in 8 th grade Language Arts		
Grades Available	9	Elective	No
Credit	1.00	Suggested Tracks	All
Course Length	Year	Fee	None
Description: In English 1, students will study various types of literature, poetry, formal and informal writing styles. Students will participate in independent reading and writing workshops. Projects and presentations are also a part of this class. Class discussions will take place in many forms for many different short stories, novels and other forms of literature. All of the skills outlined in the 9 th grade Language Arts Standards set by the Ohio Department of Education will be covered in this course.			

ENGLISH II			
Course #	1120		
Pre-requisite	None		
Grades Available	9, 10	Elective	No
Credit	1.00	Suggested Tracks	All
Course Length	Year	Fee	None
Description: In English 2, students will study various types of literature, poetry, formal and informal writing styles. Students will participate in independent reading and writing workshops. Projects and presentations are also a part of this class. Class discussions will take place in many forms for many different short stories, novels and other forms of literature. All of the skills outlined in the 10 th grade Language Arts Standards set by the Ohio Department of Education will be covered in this course.			

ENGLISH III			
Course #	1130		
Pre-requisite	None		
Grades Available	9, 10, 11	Elective	No
Credit	1.00	Suggested Tracks	All
Course Length	Year	Fee	None
Description: During their junior year, students will focus on American Literature. Students will be expected to read multiple plays, novels, short stories and non-fiction from the 16 th -21 st centuries. In addition, students will complete a variety of assignments, stressing application and synthesis of complex ideas. Projects will include an array of writing, reading, and oral presentations. Student will conduct research using technology and traditional print. Also, students are expected to have a good grasp of the conventions of the English language.			



ENGLISH IV			
Course #	1140		
Pre-requisite	None		
Grades Available	10, 11, 12	Elective	No
Credit	1.00	Suggested Tracks	All
Course Length	Year	Fee	None
<p>Description: During their senior year, students will focus on British Literature. Students will be expected to read multiple plays, novels, short stories and non-fiction from the 16th-21st centuries. In addition, students will complete a variety of assignments, stressing application and synthesis of complex ideas. Projects will include an array of writing, reading, and oral presentations. Student will conduct research using technology and traditional print. Students must complete a 5-7 page research paper to receive credit for the class. Also, students are expected to have a good grasp of the conventions of the English language.</p>			

HISTORICAL FICTION			
Course #			
Pre-requisite	None		
Grades Available	10, 11, 12	Elective	No
Credit	1.00	Suggested Tracks	All
Course Length	Year	Fee	None
<p>Description: Historical fiction is a literary genre in which the plot takes place in a setting related to past events, but is fictional. Although the term is commonly used as a synonym for historical fiction literature, it is also attributed to film. In this class, students will explore historical periods through literature. We will be reading novels, stories, and viewing films from different eras in order to grasp more of the historical periods. Students will read, write, and read a final book of their choosing. Eras discussed will be the witch trials, WWII, among others.</p>			

MYTHOLOGY			
Course #			
Pre-requisite			
Grades Available	9, 10, 11, 12	Elective	Yes
Credit	.50	Suggested Tracks	2-Year College 4-Year College Honors
Course Length	Semester	Fee	None
<p>Description: What are myths? Who told them and why? How can we interpret them? Why are they still so powerful? How much history do they contain? This course will explore these fascinating tales from the past and attempt to make sense of them. We will explore Egyptian, Greek, Roman, and Viking mythology. Students will read, write and view sources in order to grasp the meaning of these myths.</p>			



ENGLISH COMPOSITION		★CCP	
Course #	1101 (COM1110)		
Pre-requisite	Must meet college partner requirements		
Grades Available	10, 11, 12	Elective	Yes
Credit	3.00	Suggested Tracks	2-Year College 4-Year College Honors
Course Length	Semester	Fee	None
Description: Provides practice in sound organization and effective expression of ideas in original expository and argumentative compositions as well as the research paper. Extensive discussion of rhetorical modes and editing techniques.			

PUBLIC SPEAKING		★CCP	
Course #	1146 (COM 2210)		
Pre-requisite	Must have successfully completed English Composition Must meet college partner requirements		
Grades Available	10, 11, 12	Elective	Yes
Credit	3.00	Suggested Tracks	2-Year College 4-Year College Honors
Course Length	Semester	Fee	None
Description: Covers the analysis, formation, organization, development and delivery of ideas and attitudes within contemporary issues by means of audience analysis and dialogue. Various rhetorical modes and group projects are also included.			

THE AMERICAN SHORT STORY		★CCP	
Course #	1150 (LIT 2250)		
Pre-requisite	Must have successfully completed English Composition Must meet college partner requirements		
Grades Available	10, 11, 12	Elective	Yes
Credit	3.00	Suggested Tracks	2-Year College 4-Year College Honors
Course Length	Semester	Fee	None
Description: Centers around American authors and their themes. These themes are often a reflection of the author's education, experiences and social milieu. The course will focus on the historical, social, philosophical and theological implications of the stories.			

HEALTH & WELLNESS

HEALTH			
Course #	1700		
Pre-requisite	None		
Grades Available	9, 10	Elective	No
Credit	.50	Suggested Tracks	All
Course Length	Semester	Fee	None
Description: This course is designed to assist students in their awareness of social, mental, physical, and emotional well-being. Includes topics such as managing stress, personal care, infectious/non-infectious diseases, substance abuse, reproduction and basic emergency first-aid.			

PHYSICAL EDUCATION			
Course #	1710		
Pre-requisite	None		
Grades Available	9, 10	Elective	No
Credit	.25	Suggested Tracks	All
Course Length	Semester	Fee	None
Description: This course uses both individual lifetime sports and team sports to teach the components of physical fitness. Students will be expected to participate daily, record fitness progress, pass a physical fitness test, and create a personal exercise plan that incorporates the components of physical fitness.			

PERSONAL DEVELOPMENT			
Course #	1746		
Pre-requisite	None		
Grades Available	9, 10, 11, 12	Elective	Yes
Credit	.25	Suggested Tracks	All
Course Length	Semester	Fee	None
Description: This course offers an individualized conditioning program, including weight training and running. Students will be expected to participate daily, record fitness progress, pass a physical fitness test, and create a personal exercise plan that incorporates the components of physical fitness.			

HEALTH & WELLNESS 

TEAM SPORTS			
Course #	1750		
Pre-requisite	Physical Education		
Grades Available	11, 12	Elective	Yes
Credit	.25	Suggested Tracks	All
Course Length	Semester	Fee	None
Description: This course incorporates team sports and physical fitness testing to teach the components of physical fitness. Students will be expected to participate daily, record fitness progress and pass a physical fitness test.			



APPLIED ALGEBRA I			
Course #			
Pre-requisite	None		
Grades Available	9	Elective	No
Credit	1.00	Suggested Tracks	All
Course Length	Year	Fee	None*
Description: This course meets the requirements for Ohio Content Standards for a first year Math course. This course will approach Algebra I through concrete models and real-world situations, with less emphasis on symbol-manipulation and formal mathematical structure.			

ALGEBRA I			
Course #	1230		
Pre-requisite	Passing grade in 8 th grade Math		
Grades Available	8 (by placement only) 9	Elective	No
Credit	1.00	Suggested Tracks	All
Course Length	Year	Fee	None*
Description: This is a complete program for the student in the first year of formal algebra. The course content will be in accordance with the Ohio Content Standards for Algebra. This course will include relationships between quantities and reasoning with equations, linear and exponential relationships, descriptive statistics, expressions and equation, and quadratic functions and modeling. *A scientific calculator is required.			

APPLIED ALGEBRA II			
Course #	1220		
Pre-requisite	Algebra I Geometry		
Grades Available	11, 12	Elective	No
Credit	1.00	Suggested Tracks	All
Course Length	Year	Fee	None*
Description: This course meets the requirements for Ohio Content Standards for a third year Math course. This course will approach Algebra II through concrete models and real-world situations, with less emphasis on symbol-manipulation and formal mathematical structure.			



ALGEBRA II			
Course #	1235		
Pre-requisite	Algebra I Geometry		
Grades Available	10, 11, 12	Elective	No
Credit	1.00	Suggested Tracks	All
Course Length	Year	Fee	None*
Description: This course meets the requirements for the Ohio Content Standards for a third year course. Topics include quadratic functions (including complex numbers), polynomial functions, rational functions, exponential and logarithmic functions, sequences and series with applications in counting principles as well as basic probability, conic sections, and trigonometry including the unit circle. Students will also learn the use of a graphic calculator. *A graphing calculator is required.			

APPLIED GEOMETRY			
Course #			
Pre-requisite	Applied Algebra I Algebra I		
Grades Available	10	Elective	No
Credit	1.00	Suggested Tracks	All
Course Length	Year	Fee	None*
Description: This course meets the requirements for Ohio Content Standards for a second year Math course. This course will approach Geometry through concrete models and real-world situations, with less emphasis on symbol-manipulation and formal mathematical structure.			

GEOMETRY			
Course #	1240		
Pre-requisite	Algebra I		
Grades Available	9, 10	Elective	No
Credit	1.00	Suggested Tracks	All
Course Length	Year	Fee	None
Description: This is a comprehensive program for the student covering the first year of formal geometry. The course content will be in accordance with the Ohio Content Standards for Geometry. The course will include the fundamentals of geometry, applying geometric concepts in modeling situations, geometric measurement and dimension, expressing geometric properties with equations, similarity, right triangles and trigonometry, circles, understanding and applying theorems about lines and angles, experiment with transformations in the plane, and understanding congruence in terms of rigid motions. It is designed to help students think and apply these concepts using higher order understanding, relevant learning, and logical thinking.			



LIFE SKILLS MATH			
Course #	1275		
Pre-requisite	None		
Grades Available	12	Elective	Yes
Credit	1.00	Suggested Tracks	All*
Course Length	Year	Fee	None
Description: This course will focus on financial literacy of real world math skills. Students will cover topics such as calculating interest, stock prices, completing taxes, budgeting and balancing financial accounts, planning for retirement, as well as calculating home/auto loan payments and interest. *Can be 4 th year math for Work Force track only.			

TRANSITIONS TO COLLEGE MATH			
Course #	1280		
Pre-requisite	None		
Grades Available	11, 12	Elective	Yes
Credit	1.00	Suggested Tracks	All*
Course Length	Year	Fee	None
Description: This is a course designed for juniors and seniors whose intention is to improve their math skills and their understanding of concepts in order to place into credited college math courses. The primary emphasis of the course is to strengthen, review, and extend algebraic topics.			

COLLEGE ALGEBRA		★CCP	
Course #	1247 (MATH 1340)		
Pre-requisite	Must meet college partner requirements		
Grades Available	10, 11, 12	Elective	Yes
Credit	4.00	Suggested Tracks	2-Year College 4-Year College Honors
Course Length	Year	Fee	None
Description: Topics include radicals and rational exponents, equations and inequalities, functions and graphs, polynomial and rational functions, exponential and logarithmic functions, and systems of equations. A graphing calculator is required.			



INTRODUCTORY STATISTICS		★CCP	
Course #	1250 (MATH 2250)		
Pre-requisite	Must meet college partner requirements		
Grades Available	10, 11, 12	Elective	Yes
Credit	4.00	Suggested Tracks	2-Year College 4-Year College Honors
Course Length	Year	Fee	None
Description: Introduces basic statistical measures. Emphasis will be on core concepts and calculation of specific measures as well as appropriate application of those measures. Topics include measures of central tendency and dispersion, various statistical distributions (to include normal, student's t, Chi Square, and F), confidence intervals, correlation and regression, sampling and hypothesis testing, ANOVA, and introductory probability concepts.			

PERFORMING ARTS

CHOIR

Course #	1550		
Pre-requisite	None		
Grades Available	9, 10, 11, 12	Elective	Yes
Credit	1.00	Suggested Tracks	All
Course Length	Year	Fee	None

Description:
 This is a year-long course that explores choral music from a wide variety of cultures and time periods through study and performance. The core curriculum emphasizes the basics of vocal technique, sight-reading, music theory, and music history. Student in Chorus are expected to participate in scheduled evening concerts as a major part of their grade.

MARCHING BAND/CONCERT BAND

Course #	1560		
Pre-requisite	Middle School Band		
Grades Available	9, 10, 11, 12	Elective	Yes
Credit	1.00	Suggested Tracks	All
Course Length	Year	Fee	None

Description:
 Marching Band provides students with a balanced and comprehensive study of music. Instruction is designed so that students are enabled to connect, examine, define, try, extend, refine, and integrate music study into other subject areas. All members of the marching band program are required to participate in after school activities. All members of band are encouraged, but not required, to study privately. Attendance is required at all rehearsals, performances and competitions unless excused by the Director as they are used as assessment tools as per the Ohio Standards and Benchmarks for music education. All students who elect to take the Marching Band class must participate in the Summer Band Camp in preparation for the fall marching activities and performances.

HISTORY OF ROCK AND ROLL

Course #	1540		
Pre-requisite	None		
Grades Available	9, 10, 11, 12	Elective	Yes
Credit	.50	Suggested Tracks	All
Course Length	Semester	Fee	None

Description:
 This course dives into the history of Rock and Roll. It begins with the roots of the blues all the way up to current Rock.

INTRO TO DRUMS/PERCUSSION			
Course #	1575		
Pre-requisite	None		
Grades Available	9, 10, 11, 12	Elective	Yes
Credit	.50	Suggested Tracks	All
Course Length	Semester	Fee	None
Description: Students will learn the fundamentals of how to play drums and percussion instruments. These instruments will vary from marching band drums, drum set, and multicultural instruments. Students will be expected to participate daily and perform at least once at an after school event.			

MUSIC THEORY			
Course #			
Pre-requisite	Band or Choir		
Grades Available	9, 10, 11, 12	Elective	Yes
Credit	1.0	Suggested Tracks	All
Course Length	Year	Fee	None
Description: Music Theory is the study of music at on a deeper level than band or choir. In this class we discuss the rules and guidelines it takes to create and write music. This is done through the study of classical and modern composers. This class is designed to provide an all-encompassing view of how music is formed.			



FORENSICS			
Course #	1350		
Pre-requisite	None		
Grades Available	9, 10, 11, 12	Elective	Yes
Credit	.50	Suggested Tracks	All
Course Length	Semester	Fee	None
Description: Study of physical evidence used to prosecute modern cases including ballistics, tool marks, hairs and fibers, body fluids, DNA, tire impressions, teeth marks, fingerprints, shoe impressions, paint and glass fragments and the procedures used for the collection and preservation of these items.			

PHYSICAL SCIENCE			
Course #	1360		
Pre-requisite	Biology		
Grades Available	9, 10	Elective	No
Credit	1.00	Suggested Tracks	All
Course Length	Year	Fee	None
Description: Physical science introduces students to key concepts and theories that provide a foundation for further study in other sciences and advanced science disciplines. Physical science comprises the systematic study of the physical world as it relates to fundamental concepts about matter, energy and motion. A unified understanding of phenomena in physical living, Earth and space systems in the culmination of all previously learned concepts related to chemistry, physics, and Earth and space science, along with historical perspective and mathematical reasoning. This course is an inquiry-based laboratory experience that engages students in asking valid scientific questions and gathering and analyzing information.			

BIOLOGY			
Course #	1370		
Pre-requisite	None		
Grades Available	9	Elective	No
Credit	1.00	Suggested Tracks	All
Course Length	Year	Fee	None
Description: This course investigates the composition, diversity, complexity, and interconnectedness of life on Earth. Fundamental concepts of heredity and evolution provide a framework through inquiry-based instruction to explore the living world, physical environment and the interactions within and between them. Students engage in investigations to understand and explain the behavior of living things in a variety of scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications.			



ENVIRONMENTAL SCIENCE			
Course #	1330		
Pre-requisite	Biology		
Grades Available	11, 12	Elective	Yes
Credit	1.00	Suggested Tracks	All
Course Length	Year	Fee	None
Description: Environment science incorporates biology, chemistry, physics, and physical geology and introduces students to key concepts, principles and theories within environmental science. Investigations are used 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.			

CHEMISTRY			
Course #	1385		
Pre-requisite	Physical Science		
Grades Available	10, 11	Elective	Yes
Credit	1.00	Suggested Tracks	All
Course Length	Year	Fee	None
Description: Introduces students to key concepts and theories that provide a foundation for further study in other sciences as well as advanced science disciplines. Investigations are used to understand and explain the behavior of matter in a variety of inquiry and design scenarios that incorporates scientific reasoning, analysis, communication skills and real-world applications. An understanding of leading theories and how they have informed current knowledge prepares students with higher order cognitive capabilities of evaluation, prediction, and application.			

ASTRONOMY			
Course #	1364		
Pre-requisite	None		
Grades Available	10, 11, 12	Elective	Yes
Credit	.50	Suggested Tracks	2-Year College 4-Year College Honors
Course Length	Semester	Fee	None
Description: This class is an inquiry-based science course which will focus on the fundamental study of the universe. It will primarily explore the nature of weather patterns, moon phases, seasons, stars and galaxies. Students will explore these phenomena through a sequence of lab activities where they will make observations, analyze data, do research and problem solve in order to develop an understanding of how these forces of nature affect Earth.			



AC ELECTRONIC CIRCUITS		★ENGINEERING AND SCIENCE TECHNOLOGY CAREER FIELDS	
Course #			
Pre-requisite			
Grades Available	11, 12	Elective	Yes
Credit	.50	Suggested Tracks	2-Year College 4-Year College Honors
Course Length	Semester	Fee	None
<p>Description: Students will learn the fundamental principles of electricity with emphasis on AC (alternating current) circuits. They will use concepts of Ohm's Law, the Power Formula and Kirchhoff's Law with series, parallel and series-parallel circuit applications. The relationship between electricity and magnetism and motor theory will also be introduced. The student will master electrical safety, breadboard wiring, basic circuit troubleshooting, operation of function generator, digital multimeter (DMM) and oscilloscope.</p>			

DC ELECTRONIC CIRCUITS		★ENGINEERING AND SCIENCE TECHNOLOGY CAREER FIELDS	
Course #			
Pre-requisite			
Grades Available	11, 12	Elective	Yes
Credit	.50	Suggested Tracks	2-Year College 4-Year College Honors
Course Length	Semester	Fee	None
<p>Description: Students will learn the fundamental principles of electricity with emphasis on DC (direct current) circuits. They will use concepts of Ohm's Law, the Power Formula and Kirchhoff's Law with series, parallel and series-parallel circuit applications. The student will master electrical safety, breadboard wiring, basic circuit troubleshooting, operation of DC power supply and digital multimeter (DMM).</p>			



MARINE BIOLOGY		★ENGINEERING AND SCIENCE TECHNOLOGY CAREER FIELDS	
Course #			
Pre-requisite			
Grades Available	11, 12	Elective	Yes
Credit	.50	Suggested Tracks	2-Year College 4-Year College Honors
Course Length	Semester	Fee	None
Description: Have you ever wondered about the secrets of the ocean or how the organisms there live and thrive? Seventy percent of Earth's surface is covered by the ocean, yet we know more about the moon than the deepest parts of the sea. In this course we will explore the mysteries of the ocean, the processes within them, and how the ocean and land are interconnected. Students will learn about the chemical and physical features of the ocean (ex. water chemistry, tides, plate tectonics) and how they affect biological features there. Students will also learn about life in the oceans and human impact on this valuable resource. Throughout the course students will participate in several dissections, mollusks and dogfish shark to name a few.			

ANATOMY AND PHYSIOLOGY		★CCP	
Course #	1340 (BIO 110)		
Pre-requisite	Must meet college partner requirements.		
Grades Available	11, 12	Elective	Yes
Credit	1.00	Suggested Tracks	2-Year College 4-Year College Honors
Course Length	Year	Fee	None
Description: This is an advanced science course that introduces students to human anatomy and physiology, with emphasis on the 11 body systems and how they are interrelated. It involves an in-depth study of anatomical and medical terminology, along with the structure and physiological processes of all the human body systems. This course is inquiry, activity and laboratory based, with a 4 week comparative dissection using a cat. This course requires an extensive amount of time, effort, reading and memorization. Successful completion will require dedication and commitment from the student.			

GENERAL BIOLOGY I		★CCP	
Course #	1380 (BIO 1210)		
Pre-requisite	Must meet college partner requirements One year of high school biology or chemistry		
Grades Available	11, 12	Elective	Yes
Credit	4.00	Suggested Tracks	2-Year College 4-Year College Honors
Course Length	Semester	Fee	None
Description: A study of cellular and molecular biology. This laboratory-based class focuses on life and its classification, scientific method, chemistry of life, cell structure and function, bioenergetics, DNA and proteins synthesis, cell division, principles of inheritance, and evolution.			



GENERAL BIOLOGY II		★CCP	
Course #	1381 (BIO 1220)		
Pre-requisite	C or higher in Biology 1210		
Grades Available	11, 12	Elective	Yes
Credit	4.00	Suggested Tracks	2-Year College 4-Year College Honors
Course Length	Semester	Fee	None
Description: A study of organismal biology and ecology. This laboratory-based class focuses on phylogeny, diversity of organisms, form and function of plants and animals, animal behavior, ecology, and conservation biology. Students perform multiple dissections and conduct a research project.			

PHYSICS I		★CCP	
Course #	1392 (PHYS 2010)		
Pre-requisite	Must meet college partner requirements		
Grades Available	11, 12	Elective	Yes
Credit	4.00	Suggested Tracks	2-Year College 4-Year College Honors
Course Length	Semester	Fee	None
Description: Covers the mechanics of solids and liquids, mechanical waves, sound, and heat. Mechanics is the branch of physics that is concerned with describing the behavior of objects that are in motion or at rest. Topics covered in Physics I include physics math, kinematics, Newton's Laws of Motion, forces, uniform circular motion, work, energy, impulse and momentum, rotational motion, materials analysis, the physics of fluids, simple harmonic motion, mechanical waves, sound, heat, temperature, thermal physics, and the kinetic theory of gases. Physics I builds the foundation for understanding the topics covered in Physics.			

PHYSICS II		★CCP	
Course #	1393 (PHYS 2020)		
Pre-requisite	Must meet college partner requirements		
Grades Available	11, 12	Elective	Yes
Credit	4.00	Suggested Tracks	2-Year College 4-Year College Honors
Course Length	Semester	Fee	None
Description: Physics 2020 covers the topics of electricity, circuits, magnetism, optics, quantum physics, special relativity, modern physics, and astronomy. Physics II builds on the foundation formed in Physics I and is the second half of a full-year introductory physics sequence.			


SOCIAL STUDIES

WORLD HISTORY			
Course #	1400		
Pre-requisite	None		
Grades Available	9	Elective	No
Credit	1.00	Suggested Tracks	All
Course Length	Year	Fee	None
Description: Examines world events from 1600 to the present. It explores the Industrial Revolution and the forces that led to world domination by European powers. Students will analyze revolutions and independence movements using primary and secondary sources.			

US HISTORY			
Course #	1405		
Pre-requisite	None		
Grades Available	9, 10, 11	Elective	No
Credit	1.00	Suggested Tracks	All
Course Length	Year	Fee	None
Description: This course explores the continued development of the United States from the period of Reconstruction through the Cold War and beyond. Highlights of the course include the Industrial Revolution, Progressivism, World War I, and World War II.			

GOVERNMENT			
Course #	1410		
Pre-requisite	World History US History		
Grades Available	11, 12	Elective	No
Credit	.50	Suggested Tracks	All
Course Length	Semester	Fee	None
Description: Explores how the American people govern themselves at national, state and local levels of government. It also explores the fundamentals that guide individuals and nations as they make choices about how to use limited resources to satisfy their wants and needs.			



FINANCIAL LITERACY			
Course #	1290		
Pre-requisite	Government		
Grades Available	11, 12	Elective	No
Credit	.50	Suggested Tracks	All
Course Length	Semester	Fee	None
Description: This course is designed to introduce the student to basic financial literacy skills to help them make responsible financial decisions. Concepts covered include financial planning, bank accounts, credit and loans, wages and taxes, investments, and insurance.			

PSYCHOLOGY			
Course #	1457		
Pre-requisite	World History American History		
Grades Available	11, 12	Elective	No
Credit	.50	Suggested Tracks	All
Course Length	Semester	Fee	None
Description: An overview of major theories, concepts, and biological processes involved in the study of human behavior. Topics include history of psychology, research methods, biological bases of behavior, sensation and perception, consciousness, learning, memory, cognition and intelligence, motivation and emotion, lifespan development, personality, stress and coping, psychological disorders and their treatment, and social behavior.			

HISTORY OF FILM			
Course #	1541		
Pre-requisite	None		
Grades Available	9, 10, 11, 12	Elective	Yes
Credit	.50	Suggested Tracks	All
Course Length	Semester	Fee	None
Description: In this class, you are a film critic looking at history through the eyes of Hollywood. Seeing why directors and film makers want to either change your aspect on history or glorify the stories of those from the past.			



REAL WORLD APPLICATIONS			
Course #	1425		
Pre-requisite	None		
Grades Available	11, 12	Elective	No
Credit	.50	Suggested Tracks	All
Course Length	Semester	Fee	None
Description: Real World Applications is a course designed to help students prepare for situations in real life that are not covered in other classes. Topics may include, but are not limited to basic employment skills (interviewing, completing an application), basic care for others (babysitting, first aid), understanding basic housekeeping responsibilities (managing finances, household chores), and basic finances (household budgets, taxes, insurance) This course will have an emphasis on decision making and problem solving in the context of everyday life situations.			

US CIVIL WAR AND RECONSTRUCTION			
Course #			
Pre-requisite	None		
Grades Available	9, 10, 11, 12	Elective	Yes
Credit	.50	Suggested Tracks	All
Course Length	Semester	Fee	None
Description: The Civil War was the defining moment in American History. This course will cover how political, economic, and social forces caused and shaped the conflict that ended slavery. Students will study and discuss the impact of battles and leaders who were key to shaping events. Students will also examine the failure of Reconstruction to preserve Civil Rights in the years following the war. The course will use a variety of primary and secondary sources to help students craft coherent essays that demonstrate a sophisticated understanding of how the conflict impacted public opinion about the Union, slavery, and what it meant to be an American.			

WORLD GEOGRAPHY			
Course #			
Pre-requisite	None		
Grades Available	9, 10, 11, 12	Elective	Yes
Credit	.50	Suggested Tracks	All
Course Length	Semester	Fee	None
Description: The World Geography course provides students with an analytical view of how geographic factors have continued to influence human behavior on earth. Students will examine how the physical and cultural geographic factors contribute to varying levels of cooperation within the major world regions. Additionally, students will examine the importance that political, environmental, and economic factors have in a region's development.			



Spanish I			
Course #	1160		
Pre-requisite	C+ or higher in 8 th grade English Teacher recommendation		
Grades Available	9, 10, 11, 12	Elective	Yes
Credit	1.00	Suggested Tracks	2-Year College 4-Year College Honors
Course Length	Year	Fee	None
Description: First course of a four-year program designed to develop students' reading, writing, listening, and speaking skills in Spanish through interpretive listening and reading, interpersonal communication, and presentational reading and writing. The course will also increase students' knowledge of the culture of the Spanish-speaking world.			

Spanish II			
Course #	1170		
Pre-requisite	C+ or higher in Spanish I Teacher recommendation		
Grades Available	10, 11, 12	Elective	Yes
Credit	1.00	Suggested Tracks	2-Year College 4-Year College Honors
Course Length	Year	Fee	None
Description: Second course of a four-year program designed to develop students' reading, writing, listening, and speaking skills in Spanish through interpretive listening and reading, interpersonal communication, and presentational reading and writing. The course will also increase students' knowledge of the culture of the Spanish-speaking world.			

Spanish III (online)			
Course #	1180		
Pre-requisite	C+ or higher in Spanish II Teacher recommendation		
Grades Available	11, 12	Elective	Yes
Credit	1.00	Suggested Tracks	2-Year College 4-Year College Honors
Course Length	Year	Fee	None
Description: Third course of a four-year program designed to develop students' reading, writing, listening, and speaking skills in Spanish through interpretive listening and reading, interpersonal communication, and presentational reading and writing. The course will also increase students' knowledge of the culture of the Spanish-speaking world.			



Spanish IV (online)			
Course #	1190		
Pre-requisite	C+ or higher in Spanish III Teacher recommendation		
Grades Available	12	Elective	Yes
Credit	1.00	Suggested Tracks	2-Year College 4-Year College Honors
Course Length	Year	Fee	None
Description: Final course of a four-year program designed to develop students' reading, writing, listening, and speaking skills in Spanish through interpretive listening and reading, interpersonal communication, and presentational reading and writing. The course will also increase students' knowledge of the culture of the Spanish-speaking world.			



MAKERSPACE			
Course #	1300		
Pre-requisite	None		
Grades Available	9, 10, 11, 12	Elective	Yes
Credit	1.00	Suggested Tracks	All
Course Length	Year	Fee	None
<p>Description: Makerspace provides hands-on, creative ways to encourage students to design, experiment, build and invent as they deeply engage in science, engineering and tinkering. A makerspace is not solely a science lab, woodshop, computer lab or art room, but it may contain elements found in all of these familiar spaces. In Makerspace, students will be immersed in making, learning, exploring and sharing that uses high tech to no teach tools. **Second year students must have permission from the teacher to take advanced makerspace independently.</p>			

PRE-APPRENTICESHIP

PRE-APPRENTICESHIP			
Course #			
Pre-requisite	None		
Grades Available	9, 10, 11, 12	Elective	Yes
Credit	.25 – 1.00 Credit	Suggested Tracks	All
Course Length	Semester/Year	Fee	None
<p>Description: The Pre-Apprenticeship program teaches basic technical and job-readiness skills for a designated apprentice occupation or sector. Students can work with a teacher in a specific area to earn work-based learning hours. Categories include: Architecture & Construction; Agriculture, Food & Natural Resources; Health Science; Information Technology; Education & Training; Hospitality & Tourism; Manufacturing.</p>			

