Roosevelt High School

Curriculum Guide
2018-2019

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Registration Information

Part of the job of faculty and staff at RHS is to help you prepare yourself for what comes after high school. Whether you decide to attend college, or go to work after you graduate, you need to make a plan which will both prepare you and allow you to do exactly what you want to do.

Plan for your Future. Plan for Success.

The following information should help you understand the registration process and give you sound advice on what classes you need to take in order to prepare yourself for graduation from RHS and to assist you in transition from high school to whatever comes beyond.

- Unit of Credit—a unit of credit is earned by passing a course for 2 semesters. One-half unit of credit is earned by passing a course for one semester.
- Prerequisite—this refers to the requirements and/or course(s) that must be satisfied before taking certain courses.
- Required subjects—those that must be completed to qualify for a diploma.
- Electives—subjects which may be chosen by the student; considering interests, aptitudes and future plans.
- Weighted Classes—the student will receive one additional point toward GPA except for failures. The following classes will be weighted: AP Studio Art, AP Language Arts, AP Spanish, AP Calculus, AP Biology.
- The following classes will be on a Pass/Fail grading system and will count toward credit but not in the GPA— Student Council, Office Assistant, Teacher Assistant, Media Assistant, Senior Seminar and Study Hall.

Before enrolling at Roosevelt High School, you and your parents should plan a 4-year course of study using the course descriptions, graduation requirements, and recommended courses enclosed in this booklet.

- Check the course descriptions carefully making sure you have met the necessary prerequisite(s).
- Seniors who are on track (with credits) for graduation must be enrolled in at least 5 classes per semester.
- **Students are responsible for understanding their own credits and progress toward graduation.**

IMPORTANT: Schedules are built in the spring to meet the needs of students based on course requests. Therefore, it is CRITICAL that you choose wisely. The courses you pick now will be the courses you take next school year.

Student-Requested Schedule Repairs

Students will be able to view their schedule on Infinite Campus prior to the start of each semester. Any schedule repair requests are to be made through the Counseling office. Student-requested changes will ONLY be made for academic misplacement. We will not honor requests for lunch changes or teacher changes. Please note: Changes may occur to the schedule from a counselor or administrator in order to balance class sizes.

Concurrent Enrollment (open to 11th and 12th grades)

Students may request to take course work at AIMS or other institutions of higher learning and the credit can apply toward high school graduation requirements and/or college credit toward a degree program.

Eligible students who desire to enroll in college or vocational classes must submit a written request to the counselor the semester before taking a college course to qualify for tuition reimbursement. For every three hour college course a student will earn 1.0 credit at RHS.

Course work requested by a student must be course work not offered at RHS or there must be a legitimate or personal reason why the particular course is being requested. Student must have principal and counselor permission.

Graduation Requirements

High School Diploma

The following minimum credit requirements must be met:

English	4.0	Credits
Social Studies	3.5	Credits
Mathematics	3.0	Credits
Science	3.0	Credits
Physical Education/Health	1.0	Credit
Humanities*	1.0	Credit
Life Skills	.5	Credit
Computer Applications	.5	Credit
Senior Seminar	.5	Credit
Electives	7.5	Credits
TOTAL	**24.5**	**Credits**

*Humanities = World Language, Art, Music, Broadcasting, or Industrial Arts

Higher Education Admission Requirements (HEAR)

Students planning to attend a four year college or university in Colorado must complete the following and meet the Admission Eligibility Index.

English	4 yrs.
Mathematics (must include Algebra I, Geometry, Algebra II)	4 yrs.
Natural/Physical Sciences (Must have 2 lab based units)	3 yrs.
Social Sciences (At least one unit of US or World History)	3 yrs.
World Language	1 yrs.
Academic Electives	2 yrs.

Required Courses By Grade Level

NINTH GRADE		**TENTH GRADE**	
English 9	1 Credit	English 10	1 Credit
Mathematics (Alg I or Geom)	1 Credit	Mathematics (Geom or Alg II)	1 Credit
Physical and Earth Science	1 Credit	Biology	1 Credit
World Geography	1 Credit	World History	1 Credit
Physical Education/Health	1 Credit		
Computer Applications	.5 Credit		
ELEVENTH GRADE		**TWELFTH GRADE**	
English 11	1 Credit	Speech	.5 Credit
US History	1 Credit	English Elective	.5 Credit
Mathematics	1 Credit	American Government	.5 Credit
Science Elective	1 Credit	Senior Seminar	.5 Credit
Life Skills	.5 Credit		

Academic Eligibility

In high school, academic eligibility will be evaluated every two weeks. In order to be eligible to participate in athletics or extra-curricular activities you must be passing five or more classes. Students must be in attendance five class periods during the day to be eligible to participate on that day. Careful schedule planning is a must when considering your work load during the year.

NCAA Eligibility - Division I or II Colleges/Universities

All high school student-athletes wishing to compete in an NCAA division college must register with the NCAA Eligibility Center.

What requirements do I need to be able to practice, play and get a scholarship?

1. Graduate from high school;
2. Complete a minimum of 16 core courses (see below);
3. Present the required GPA (sliding scale for Division I or a min. 2.0 GPA for Div. II);
4. Present a qualifying test score on either the ACT or SAT (sliding scale); and
5. Complete the amateurism questionnaire and request final amateurism certification.

For more information and details, go to the NCAA website(s):

http://www.ncaa.org http://eligibilitycenter.org

NCAA CORE COURSES

FOR DIVISION I (16 specific courses required):

- 4 years of English
- 3 years of mathematics (Algebra I or higher).
- 2 years of natural/physical science (including at least 1 lab course)
- 1 year of additional English, mathematics or natural/physical science.
- 2 years of social science.
- 4 years of additional courses (from any area above, foreign language, or comparative religion/philosophy).

FOR DIVISION II (16 required beginning Aug 2013):

- 3 years of English
- 2 years of mathematics (Algebra I or higher)
- 2 years of natural/physical science (including at least 1 lab course)
- 3 years of additional English, mathematics, or natural/physical science
- 2 years of social science
- 4 years of additional courses (from any area above, foreign language, or comparative religion/philosophy).

NAIA Eligibility

The NAIA has nearly 300 college campuses in the U.S. and Canada. Each year 60,000 NAIA student-athletes have the opportunity to play top-notch college athletics while competing for one of 23 national championships in 13 different sports. NAIA schools provide these student-athletes a first-class education with a personal touch, the hallmark of small-college campus life, by offering $450 million in financial aid.

Students who want to play NAIA sports for the first time in Fall 2011 or later will need to register with the NAIA Eligibility Center. Students can register by visiting www.PlayNAIA.org and creating a profile with facts about their academic history and sports experience.

To play in the NAIA, you must graduate high school and satisfy two out of three of these requirements:

- Achieve a minimum of 18 on the ACT or 860 on the SAT
- Achieve a minimum overall GPA of 2.0
- Graduate in the top half of your high school class

Helpful Website Resources

College Resources:	Financial Aid Resources:	Testing Resources:
www.CollegeinColorado.org	www.Questbridge.org	www.collegeboard.org
www.collegeispossible.org	www.Fastweb.com	www.apcentral.collegeboard.com
www.commonapp.org	www.FAFSA.ed.gov	www.act.org
www.mappingyourfuture.org	www.collegeinvest.org	www.psat.org
	www.scholarships.com	

ENGLISH

English 9
Year, 1 credit Grade: 9
This course will focus on essential writing and reading skills. Various pieces of literature will be used (class novels, short stories, plays, and poetry) not only as models for student writing but also as a record of human experience. Students will learn to use the writing process effectively and to critically analyze a text for its literary value and writing techniques. NCAA APPROVED

Honors English 9
Year, 1 credit Grade: 9
***Prerequisite**: Teacher recommendation for placement only*
This course focuses on essential writing and reading skills, as well as more advanced concepts and real-life applications. Various challenging pieces of literature will be used (class novels, short stories, plays, and poetry) as models for student writing and as a record of human experience. Students will learn to use the writing process effectively and to critically analyze a text for its literary value and writing techniques. This class features enrichment activities, challenging tasks, and homework. Reading and writing intensive.

English 10
Year, 1 credit Grade: 10
This course will focus on intermediate writing and reading skills. Various pieces of literature (class novels, short stories, plays, and poetry) will be used not only as models for student writing, but also as a record of human experience. Students will advance their skills in using the writing process effectively and in critically analyzing texts for their literary value and writing techniques. NCAA APPROVED

Pre-AP English 10
Year, 1 credit Grade: 10
***Prerequisite**: Pass English 9 with an A or Honors English 9 with a B; teacher approval*
This course will focus on intermediate to advanced writing and reading skills. Students will read various literary texts (novels, short stories, plays, and poetry) as models for student writing, as focuses for literary analysis, and as records of the human experience. Students will advance their reading and writing skills by critically analyzing texts for their literary value and mimicking effective techniques to develop an effective writing style.

English 11
Year, 1 credit Grade: 11
This course will focus on higher-level writing and reading skills. Various pieces of literature (class novels, short stories, plays, and poetry) will be used not only as models for student writing, but also as a record of human experience. Students will further advance their skills in using the writing process effectively and in critically analyzing texts for their literary value and writing techniques. NCAA APPROVED

Speech
Semester, .5 credit Grade: 12
Required course for graduation. Emphasis in this class is on public speaking. This class is designed to build oral communication skills. The final objective is to give a series of speeches. NCAA APPROVED

ENGLISH ELECTIVES

Debate
Semester, .5 credit Grade: 12
***Prerequisite**: Speech*
This class will focus on the fundamentals of communications, including group speaking and academic debate. The class will be centered on conflict management and Lincoln-Douglas Debates. NCAA APPROVED

Short Novels
Semester, .5 credit Grades: 11-12
This class is designed for students who need more time for reading, enjoy reading, and want to improve their reading rate and comprehension. A variety of genres are used, including but not limited to newspapers, magazines, short stories, novels, and biographies to explore written text and literature as a record of human experience. NCAA APPROVED

Creative Writing
Semester, .5 credit Grades: 11-12
***Prerequisite**: English 10*
This course covers short prose fiction (stories), poetry, and playwriting.
Preliminary exercises will focus on the basic writing techniques common to all three forms, as well as those specific to each type of writing. Students will contribute to, produce, and distribute a literary journal of their best work. Writers will practice writing in different forms and genres. NCAA APPROVED

Broadcasting and Publications
Year, 1 credit Grades: 12
***Prerequisite**: English 10*
This class provides students with a wide variety of opportunities in both broadcasting and print journalism. Students in this class will be responsible for producing and publishing *Rider Report Reloaded*, the daily morning announcements show; and the RHS yearbook. Upon successful completion (B or above), students may take this course more than once for elective credit.

College Prep English
Semester, .5 credit Grades: 12
This course is designed for college-bound seniors. The main focus will be on college-level writing task and college-level research skills. Students will explore topics in the language arts, social studies, and sciences. This class will get students ready for their transition to college academics. This course is reading, writing, and homework intensive.

AP Literature
Semester, 1 credit Grades 11-12 Fee: $90 for AP exam
***Pre-requisite:** B or better in English 10*
AP Literature enables students to develop critical standards for evaluating literature. It is for high school students capable of doing college-level work in English who are dedicated to devoting the necessary time and energy to a rigorous and challenging course. Students will acquire the critical skills and technical vocabulary necessary to effectively articulate the analysis of literature. Through careful examination of a text's literary qualities students will enrich their understanding of the writing process. AP Literature students will also study literary theory and apply its tenants to select texts.

Mythology

Semester, .5 credit Grades: 11-12

In this survey course focusing on Greek and Roman mythology, students will study information about the primary gods, creation stories, heroic tales, and destruction myths related to this culture. While project based, students will study different lenses common to mythical studies. The last 1/3 of the class, students will research and present mythical stories from a culture of their choice.

MATHEMATICS

Foundations of Algebra
Year, 1 credit Grades: 9-12
Foundations of Algebra is a course offered for students who need a solid background in mathematics. This is a traditional Algebra class covering order of operations, expressions involving variables, integers, solving equations and inequalities, problem solving, write and reduce ratios, solve proportions, solve percent problems, linear functions, exponents (whole number exponents only), multiplying polynomials, factoring, and system of equations.

Algebra I
Year, 1 credit Grades: 9-12
Algebra I is a spiraled curriculum centered on the philosophy of growth over time. Basic Algebra concepts and introductory Geometry concepts are studied throughout the yearlong course. Learning is achieved through the study of five "big ideas" or threads: graphing, writing equations, ratios, solving equations, and symbol manipulation. These ideas are threaded and weaved into real life scenarios and applications, allowing students to see where the math is used on a day-today basis. NCAA APPROVED

Foundations of Geometry
Year, 1 credit Grades: 9-12
Foundations of Geometry is a course offered for students who need a traditional approach to Geometry. This course will cover these topics: perimeter, area of parallelograms, squares, rectangles, trapezoids, triangles, and circles, define and name points, lines, line segments, rays, angles, classify angles, relationships when parallel lines are cut by a transversal, triangles, conditionals and converses, reflections, rotations, translations, right triangle trigonometry, similarity, properties of quadrilaterals, surface area of prisms and pyramids, volumes of prisms, pyramids, cylinders, cones, circles.

Geometry
Year, 1 credit Grades: 9-12
Geometry is a spiraled curriculum taught with the philosophy of academic growth over time. It is a study of logical thinking and the application of geometric properties to practical situations. Included in the curriculum are six threads, which include: graphing, algebra, ratios, geometric properties (including a thorough study of lines, triangles, and the concept of similarity), problem solving, spatial visualization, and conjecture and explanation (proof). NCAA APPROVED

Honors Geometry
Year, 1 credit Grades: 9-12
Honors Geometry is an advanced, spiraled curriculum taught with the philosophy of rigorous academic growth. It is a study of logical thinking and the application of geometric properties to practical situations. Included in the curriculum are six threads, which include: graphing, algebra, ratios, geometric properties (including a thorough study of lines, triangles, and the concept of similarity), problem solving, spatial visualization, and conjecture and explanation (proof). NCAA APPROVED

Algebra II
Year, 1 credit Grades: 9-12
Algebra II is a traditional approach to Algebra II. Course topics include rational and irrational expressions, linear equations and inequalities, quadratic equations, systems of equations, trigonometry, and graphing of a variety of equations. NCAA APPROVED

Honors Algebra II
Year, 1 credit Grades: 9-12
Prerequisite: *C or better in Geometry;*
Honors Algebra II is designed for college-bound students who are looking to challenge themselves mathematically. The course is based on developing algebraic skill through understanding in three key areas: writing algebraic expressions to represent problems described in words, given as diagrams, or based on data; understanding the relationships among equations, graphs and solutions to equations; and knowing how and when to use algebraic methods to solve a variety of equations and combinations of equations or inequalities. NCAA APPROVED

Trigonometry
Semester, 0.5 credit Grades: 11-12
Prerequisite: *Algebra II*
This semester course is recommended for students who are planning on attending college, but are not planning on enrolling in AP Calculus. Topics included are functions and graphs, the unit circle, trigonometric graphs, right triangle trigonometry, Laws of Sines and Cosines, trigonometric identities, polar coordinates and graphs, and complex numbers. NCAA APPROVED

Statistics
Semester, 0.5 credit Grades: 11-12
Prerequisite: *Algebra II*
Topics covered in this course will help students to be more successful in college regardless of their chosen major. Topics include interpretation of data, measures of central tendency and variation, probability and its distributions, estimates and sample sizes, and hypothesis testing. NCAA APPROVED

Pre-Calculus
Year, 1 credit Grades: 10-12
Prerequisite: *C or better in Honors Algebra II, or B or better in Algebra II w/teacher recommendation*
This course is a must for those students who plan to enroll in Advance Placement (AP) Calculus. The threads of learning in this course are: problem-solving, concepts of Calculus, analysis of models, trigonometry, advanced functions, and algebraic fluency and accuracy. NCAA APPROVED

AP Calculus
Year, 1 credit (weighted) Grades: 11-12 Fee: AP Exam Fee
Prerequisite: *C or better in Pre-Calculus*
College degree programs in math, science, engineering, business, and economics are based heavily on Calculus, so students planning to pursue these degree areas in college will enhance their chances for success through enrollment in this course. The threads of learning in this course are: limits, derivatives, integrals, and the interrelationships of these three topics. All topics in this course will be studied in four ways: algebraically, graphically. numerically, and verbally. The culminating purpose of this class is to prepare students to take the AP exam in the spring of the current school year. NCAA APPROVED

Finance Math
Year, 1 credit Grades: 11-12
Prerequisite: *Algebra I*
This course will go through mathematical use of finances for everyday life. Concepts included are money management, investing, loans, credit cards, living expenses, insurance, budgeting, renting, and taxes.

College Algebra

Year, 1 credit Grades: 11-12

Prerequisite: *Algebra II*

This course is for students who are planning on going on to college who need a review or stronger background in Algebra to help them with their college placement test. Topics include a brief review of algebra, equations and inequalities, and covers functions, exponential and logarithmic functions, theory of equations, graphs, and linear and nonlinear systems with a selection of topics from among graphing of the conic sections, sequences and series, permutations and combinations, and the binomial theorem (college credit is not offered for this course). NCAA APPROVED

SCIENCE

Physical & Earth Science
Year, 1 credit Grades: 9
Introduction to Physical & Earth Science is a one year integrated academic lab course that helps students learn and apply fundamental concepts and skills in chemistry, physics, and earth science. The focus of the course is to provide students with an under-standing of the scientific principles behind the natural events they experience and the technologies they use in their everyday lives. Major themes studied during the first semester are atomic structure, chemical reactions, energy transfer, matter, the periodic table, principles of motion and work, and the scientific method. Major themes studied during the second semester are the principles of earth systems, astronomy, geology, and weather. Group activities and appropriate labs offered at each discipline level. NCAA APPROVED

Biology
Year, 1 credit Grades: 10
A one-year study of life with labs infused throughout the course. First semester will focus on basic biology concepts which include an understanding of energy requirements in living systems, organic compounds, enzyme systems, transport mechanisms, cells, cellular respiration, photosynthesis, and genetics. Second semester will focus on how DNA is related to cell growth, protein synthesis, and genetics with implications on life in the future. Inheritance, genetic diseases and disorders, genetic engineering, DNA extraction, and the principles of evolution of plants and animals can be incorporated with genetic concepts. Also included will be studies of human body systems, microbiology, and classification of plants and animals. NCAA APPROVED

Pre-AP Biology
Year, 1 credit Grades: 10
Prerequisite: *A or B in Physical and Earth Science AND Instructor Approval*
This course is for those students who have a strong interest in biology and intend to take advanced biology courses in the junior and seniors years. Topics covered include: characteristics of life, biochemistry, cells (energy, growth, and reproduction), genetics, bio-technology, evolution, survey of the kingdoms, and body systems. The honors section of this course reflects rigorous content, materials, and student expectations. Students must meet the criteria for acceptance into this section. Students will be expected to complete a research paper or project which includes: primary sources, a synthesis of those sources, a demonstration of advanced planning by students and a formal presentation of the paper or project. NCAA Approved

Marine Biology
Semester, .5 credit Grades: 11-12 Fee: $5.00 for labs
Prerequisite: *C or higher in Biology*
This course focuses on the biological aspects of Earth's oceans. Students will examine some of the history of Oceanography and Marine Biology, but the main focus is on the ecology and ecosystems of the oceans, the different groups of animals, as well as human interactions and influence with the marine ecosystems. Course requirements include participation in hands-on labs and activities including dissections.

Chemistry
Year, 1 credit Grades: 10-12
***Prerequisite**: Algebra I*
Chemistry is highly recommended for those students who are planning to seek a college level degree after high school. The course material will be especially beneficial to those who will enter any science, engineering, medical, agriculture, or environmental profession in college. It is designed to strengthen the student's background in physical science, prepare a student for a 100 level college chemistry course and enhance the student's quantitative abilities. It is recommended that students taking this class have had at least a "B" average in Algebra I. *Students must pass first semester to continue to the second semester of Chemistry. NCAA APPROVED

ChemCom
Year, 1 credit Grades: 10-12
This is an introductory chemistry course that adheres to the basic content of Chemistry. Though math is de-emphasized it is still a component of the class. This course takes an environmental and applied approach to chemistry. This course is suggested for students who plan to pursue a vocational occupation after high school. *Students must pass first semester to continue to the second semester of ChemCom.

Advanced Chemistry
Semester, .5 credit Grades: 11-12
***Prerequisite**: "B" or better in Chemistry*
Advanced Chemistry is designed for any student entering a scientific profession. This is a course that will explore each of the five fields of chemistry. Students will research individual labs for the class to perform. Anyone contemplating a career in medical, engineering, science, agriculture or any other related fields should take this course. NCAA APPROVED

Forensic Science
Semester, 0.5 credit Grades: 11-12
***Prerequisite**: C or better in Advanced Chemistry*
The Forensic Science course is designed for those students that are interested in pursuing a career in criminal investigations. This is an academic subject course emphasizing Forensic Science Techniques and Technologies. Included in the course are basic hands on laboratory exercises used in Forensic Science and Criminalistics. NCAA APPROVED

Physics
Year, 1 credit Grades: 11-12
***Prerequisite**: Algebra I, Chemistry strongly recommended*
This course is essential for anyone wishing to pursue a career in science or engineering. First semester will focus primarily on classical mechanics and serve as a foundation for future study in physics. Second semester will examine thermodynamics, sound waves, properties of light, and other physics concepts. If time is permitting further topics could include: relativity, quantum theory, nuclear reactions, nuclear power, and half-life. NCAA APPROVED

Human Anatomy and Physiology
Year, 1 credit Grades: 11-12
***Prerequisite**: Biology is required and Chemistry strongly recommended*
This is an advanced class for students interested in science as a career or for those wanting to know more about the human body. The class will include specific biology and chemistry concepts. The course includes an in-depth study of histology, integumentary, skeletal, muscular, nervous, endocrine, circulatory, lymphatic, immune, respiratory, digestive, excretory & reproductive systems of the human body. The class includes hands-on labs and projects and a complete dissection of the brain, the heart and kidney. In addition, a visit to a cadaver lab will be made to incorporate what has been learned throughout the year as a hands-on experience. NCAA APPROVED

This course is approved as a concurrent enrollment course at AIMS Community College (BIO 106). Students have the opportunity, but are not required, to take this course for AIMS credit during the spring semester. Certain pre-requisites are required in order to enroll through AIMS. These requirements will be presented to all interested students at the beginning of the course.

AP Biology
Year, 1 credit Grades: 11-12 Fee: $90 exam fee + $60 materials
***Prerequisite**: Biology is required and Chemistry is strongly recommended*
This course is designed to be equivalent of a college introductory Biology course. Students in AP Biology are expected to be responsible, independent learners by studying the material in greater detail. The course covers molecules, cells, genetics, evolution, organisms, plants, animal behavior, ecology and populations. Twelve required labs are performed equivalent of those done by college students. Other supplementary assignments and writings are assigned. Students will participate in labs and activities to reinforce basic concepts. Students will take the AP Biology exam at the end of the course. NCAA APPROVED

Environmental Science
Semester, .5 credit Grade: 11-12
***Prerequisite**: C or better in Biology*
This course will include a variety of topics from different areas of study including pollution problems, global change, ecology and living systems, population change and problems, earth sciences, land and water use including sustainable land-use strategies using local real world examples. Students will learn the interrelationships of the natural world, identify and analyze environmental problems both natural and human-made, understand the risks associated with these problems, and identify solutions for resolving and preventing them. This course will involve lab and field investigations including visits to local facilities and a study of a local environmental issue.

Astronomy
Semester, .5 credit Grades: 10-12
***Prerequisites**: Algebra I*
Where did we come from, where are we going, why do I care? Join me for an astronomical journey from the singular existence of the Big Bang, to the far off death of our star. Together we will explore the inner workings of the universe, and our magnificent planet Earth. Nebulas, black holes and plate tectonics…oh my! Students who choose astronomy should have a comfortable understanding of algebra, the ability to perform rigorous research and an open mind. Class will consist of lecture, research and activities. NCAA APPROVED

Geology
Semester, .5 credit Grades: 10-12
Geology is an earth science course that emphasizes Earth's structure, composition, resources, and processes. Topics will include: geology and the methods of science, minerals, igneous rocks and processes, volcanoes and volcanism, weathering and soils, sedimentation and sedimentary rocks, metamorphism and metamorphic rocks, geologic time, glaciers, structural geology, and earthquakes. Students will also learn about the tectonic processes that shape the Earth, how the tectonic processes are the driving forces of the Earth's resources, and how those resources are affected by different geologic hazards. Students will learn how to read & interpret both geologic maps and cross-sections in order to successfully complete the given projects.

Meteorology/Oceanography
Semester, .5 credit Grades: 10-12
This is an earth science course that will explore our planet's atmosphere and its' oceans. Topics will include monitoring/predicting current and future weather, researching weather patterns, atmospheric composition, marine provinces, properties of seawater, influence of air-sea interactions and oceanic circulation on regional climates, and major features of ocean basins. Detailed research and reporting will be required. NCAA APPROVED

SOCIAL STUDIES

World Geography
Year, 1 credit Grade: 9
The first semester of World Geography focuses on physical and human geography. Topics will include climate, vegetation, population, culture, and use of resources. Regions of study will be the United States, Canada, Latin America, Western Europe, and Eastern Europe. The second semester of World Geography covers the regions of Northern Eurasia, Southwest Asia, Africa, South Asia, East Asia, and the Pacific World. NCAA APPROVED

World History
Year, 1 credit Grade: 10
This course is an overview of the time period from the Renaissance through modern world issues and an introduction to economics. The purpose of this course is to increase each student's understanding of Western civilization while looking at its transformation during different historical periods. We will investigate the continuous process of change that takes place in the West due to internal and external events. With each historical period we will look at the economic, ideological, political, and social changes. NCAA APPROVED

United States History
Year, 1 credit Grade: 11
The first semester examines our history between 1865 and 1914. Major areas of study include: Westward Expansion, Urbanization, Immigration, and Imperialism. The second semester examines our history and development from 1914-1985. The major areas of study include World War I, the Great Depression, World War II, the Korean War, the 1950's, Civil Rights, Vietnam, Social, Political and Cultural Changes, Watergate, the Energy Crisis, and mid-eastern turmoil and Conservative movement. NCAA APPROVED

American Government
Semester, .5 credit Grade: 12
This course is an overview of the structure of our government at the national level and its impact on current domestic and foreign affairs. The course emphasizes patriotism, civic-mindedness, loyalty and respect for the law. Topics include: forms of government and comparisons of economic systems, the historical developments of our government, federalism, and the structure, functions, and powers of the three branches. Students are encouraged to exercise critical thinking skills and application of governmental theory. NCAA APPROVED

Psychology I
Semester, .5 credit Grades: 11-12
This course is designed to acquaint the student with the science of
psychology. A variety of topics will be discussed including fields of study, methods of study, sensation and perception, learning theories, the nervous system and brain, altered states of consciousness, and abnormal psychology. NCAA APPROVED

Psychology II
Semester, .5 credit Grades: 11-12
This course is an extension of Psych I. Students study more in depth the science of psychology including theories for consciousness and abnormalities. NCAA APPROVED

AGRICULTURE

Ag Science and Leadership
Semester, .5 credit Grades 9-11 Fee $20
This is an introductory course that is designed to teach students about leadership in general, and leadership opportunities available to them through the FFA. Information about Plant and Soil Science as well as Ag Business and Natural Resources will also be covered during the course through the use of daily events and discussions. The objective of this course is to give students a solid foundation of how to become a leader and how to show leadership in their school and community. This course will teach students valuable skills such as communication and problem solving as well as leadership that will be valuable not only in FFA but in almost any aspect of daily life. All Ag Science and Leadership students are automatically FFA members.

Equine Science
Semester, .5 credit Grades 9-12 Fee $20
This course is an introductory level course that will cover the basics of equine science. In this course students will learn about horse breeds and modern uses for the horse. They will learn about equine anatomy, reproduction and nutrition as well as horse evaluation. All Equine Science students are automatically FFA members.

Animal Science (Spring semester only)
Semester, .5 credit Grades 9-12 Fee $20
This course is an intermediate level animal science course that requires some previous knowledge of animal science in order to be successful. In this course students will learn about the livestock industry and how it functions. They will learn about characteristics and management practices that are important to profitability in livestock production. They will also learn about industry standards, new technology and animal physiology. Ag Science and Leadership is a required prerequisite for this course. All Animal Science students are automatically FFA members.

Ag Business
Semester, .5 credit Grades 10-12 Fee $20
This course is a more advanced and challenging course that is designed for students who are interested in agricultural economics or who may want to own a business some day. In this course students will learn about supply and demand, price elasticity, variable inputs and their impacts on profitability, risk management (including hedging using the futures market and forward contracting), advertising and ag marketing as well as budgets and balance sheets. Ag Science and Leadership is a required prerequisite for this course. All Ag Business students are automatically FFA members.

Precision Ag
Semester, .5 credit Grades 9-12 Fee $20
Precision Agriculture applies the new smart technologies of the information age in the agricultural industry. This course is designed to give students a solid understanding of how technologies such as computers, global positioning, on site sensor, satellites, hand held devices, and software programs are being utilized in agriculture. Students will also learn about the impact this is having on the changing agricultural job market and the demand for qualified people in this growing industry. All Precision Ag students are automatically FFA members.

Natural Resources
Semester, .5 credit Grades 9-12 Fee $20
This is a course designed for students who enjoy the outdoors and wildlife or who are concerned about the environment. In this course students will learn how they impact the environment and how agriculture also affects the environment. They will learn about managing natural resources such as soil, water, air, forests and wildlife. They will learn how agriculture and nature can coexist and actually benefit each other. All Natural Resources students are automatically FFA members.

Agricultural Mechanics I
Semester, .5 credit Grades 9-12 Fee $20
This is an intermediate level Ag mechanics class in which students will sharpen their skills in cutting and welding metal, measuring and drafting, as well as cutting and fastening wood. Students will also learn about basic electrical wiring and plumbing. All Ag Mechanics I students are automatically FFA members.

Agricultural Mechanics II
Semester, .5 credit Grades 9-12 Fee $20
Prerequisite: Leadership & Ag Mechanics II
This is a higher level Ag Mechanics course designed for students who have completed Ag Mechanics I. In this course students will build larger and more complex projects that require a greater amount of skill. These projects may include metal and wood cutting and fastening, simple electrical wiring, and plumbing as well as repairing cars, trucks and machinery. Leadership and Agricultural Mechanics I are required prerequisites for this course. All Agricultural Mechanics II students are automatically FFA members.

Ag Carpentry
Semester, .5 credit Grades 9-12 Fee $20
Ag Carpentry is an elective and open to everyone. After acquiring good tool operation techniques students will design and build several projects out of wood. All Ag Carpentry students are automatically FFA members

Ag Structures
Semester, .5 credit Grades 9-12 Fee $20
In Ag Structures students will learn about the construction of different types of buildings and structures. Students will learn skills in electrical wiring, plumbing, wood framing and welding. All Ag Structures students are automatically FFA members.

ART

Introduction to Art and Design
Semester, .5 credit Grades 9-12 Fee: $20
A comprehensive general course in the visual arts offering basic theory, a little art history, and exposure to a wide variety of media. This course is designed for the student with no high school art background and focuses on learning the elements of art and the principles of design, basic drawing techniques, and creative problem solving.

Drawing 1
Semester, .5 credit Grades 9-12 Fee: $20
Students will learn the basics of drawing from observation. Use of line, negative space, perspective, value, visual texture, and composition will be covered. Black and white as well as colored media will be used.

Drawing 2
Semester .5 credit Grades 10-12 Fee: $20
Pre-requisite Drawing 1
Building on skills learned in Drawing 1, we will continue to explore observational drawing using a variety of media. More time will be spent on perspective, figure drawing, and composition. This class will also address the use of expressive line, abstraction and using creativity to produce drawings that are unique to each student's vision.

Painting 1
Semester .5 credit Grades 9-12 Fee: $30
Prerequisite*: none; however Drawing/Intro to Art is highly recommended*
Emphasis on color theory, and the art elements as they relate to painting. We will also focus on the history of painting, and painting techniques. Work will primarily be done in acrylic on paper and canvas.

Pottery 1
Semester, .5 credit Grades 9-12 Fee: $30
Learn how to hand build utilitarian and sculptural forms using clay. Techniques used include pinch, model, coil and slab. Surface design and glazing techniques will also be covered.

Pottery 2
Semester, .5 credit Grades 10-12 Fee: $30
Prerequisite: *Pottery 1*
In this course we will expand on your knowledge of hand-building techniques as you create functional and sculptural forms. Advanced surface design techniques will be covered. Learning to throw basic pottery forms (cylinders, bowls, mugs, plates) on the potter's wheel.

The Artist's Journal
Semester, .5 credit Grades 10-12 Fee: $25
Prerequisite*: Introduction to Art; Drawing 1; or Painting 1.*
This is a course for the more adventurous art student. We will learn techniques like paper-making, painting, sketching, printmaking, and collage using a wide variety of mediums. The class also covers book-binding techniques, so you will be able to create your own handmade journal that will truly become a personal work of art. We will also look at how artists use sketchbooks and journals to collect ideas and inspirations for their work.

Advanced Art Studio
Semester or Year, 0.5 or 1 credit Grades 11-12 Fee: $20
Pre-requisite: *Successful completion of 3 art classes* ***and*** *consent of instructor*
This class is designed for the more experienced and/or more serious art students. Work on individual projects. Discussions about creative careers, choosing a good college, and portfolio preparation will be held as needed. This class is a good choice for those who plan on taking Advanced Placement Studio Art during their senior year.

AP Studio Art
Year, 1 credit Grade 12 (11 with instructor permission) Fee: $90 exam fee + $60 materials
For the truly serious art student. Work on an individual portfolio to be submitted to the College Board for evaluation and possible college credit. Summer homework (to be completed after your junior year) is required. Choose an emphasis from 2-D Design, Drawing & Painting, or 3-D Design and complete 15-20 quality works of art. You must attend a meeting during the spring term of the year PRIOR to taking AP Studio Art. This class may be taken multiple years, completing a different portfolio each year.

BUSINESS

Computer Applications
Semester, .5 credit Grades: 9-12 Fee: $25
Students will have the opportunity to utilize Microsoft Office 2013 software including Word, Excel, Access, and PowerPoint. Word processing, spreadsheet, database, and presentation software are commonly used in the real business world. This course will help students achieve computer skills and knowledge that will be required in their future careers. Students will apply their knowledge of Microsoft Office Software to two simulated work experiences throughout the course.

College Computer Applications (college credit option)
Semester, .5 credit Grades 10-12 Fee: RHS Lab Fee of $25 + Aims tuition (optional)
Pre-requisite: *Computer Applications*
This course introduces computer concepts and components, as well as application suite software and the Internet, including descriptions of and hands-on experiences with word processing, spreadsheets, databases, operating environments and other common PC application packages.
This course is also offered as a three credit hour course--CIS 118 at Aims Community College. Talk to the instructor if you are interested in pursuing this class for Aims credit.
Fee includes cost of textbook and $25 materials/equipment fee.

Desktop Publishing
Semester, .5 credit Grades: 9-12 Fee: $5
Pre-requisite: *Computer Applications*
This course is designed to give the business/general student an opportunity to learn the advanced features of Microsoft Word 2013. Students will learn to create, edit and format all business forms. Desktop Publishing features will be learned using the Line Draw, Tables, Scanning and Graphics features. Using Microsoft Power Point, students will learn to prepare a professional presentation.

General Business
Semester, .5 credit Grades: 9-10
This is an introductory class to the business program. This class should be taken during the freshman or sophomore year. The student learns of the business and economic activities that directly affect living. Units of study include: the basic understanding of business organization and ownership, money in our economy, general understanding of consumerism, earning an income, organized labor, and the general understanding of business and our economic system. Students will make decisions for a distribution company using the Virtual Business Simulation.

Accounting I
Year, 1 credit Grades: 10-12 Fee: $30
The study of bookkeeping helps prepare people for a variety of office and business occupations, and it aids the student in managing his/her own business affairs. Students in bookkeeping study the double-entry method of keeping books & journalizing, posting and figuring financial reports. Textbook computer applications will be completed. Other units of study include banking, data processing, and payroll. Students will complete an accounting simulation for a partnership during the course. If a student is interested in an accounting or administrative career, this class should be taken as a sophomore or junior and followed with the College Accounting as a junior or senior.

College Accounting (College Credit Option)
Year, 1 credit Grades: 11-12 Fee: Textbook and Aims tuition
***Pre-requisite**: Accounting I or Instructor approval*
The first semester will cover accounting in business, the accounting cycle for service and merchandising companies, special journals and subsidiary ledgers. The second semester will cover internal control principles and practices, notes and interest, inventory systems and costing, plant assets and intangible assets accounting and depreciation methods and practices. Students interested in receiving Aims Community College credit must enroll and complete both semesters successfully (tuition fee charged). Students participating in this course are responsible for textbooks and all materials.

Business Law
Semester, .5 credit Grades: 11-12
This junior/ senior course aims to develop an understanding and awareness of the laws of our society and their effect on each person. Discussion is based mainly on student rights and responsibilities, simple every-day contracts, buying and selling goods, employment contracts, and bailments.

Leadership in Action
Semester, .5 credit (FALL) Grades: 9-12 Fee: $20
***Pre-requisite:** Must be willing to join FBLA, FCCLA or FFA*

Students will develop leadership skills through the competition of projects in appropriate areas. Students will be required to design and implement at least one of the following from each category:

- Community service project with a team of other students.
- Prepare to compete in at least one Team or Individual project or event.
- Prepare and compete in an individual competitive event.
- Each Career and Technical Student Organization has individual requirements that vary by organization.

Course Requirement/Fee: Every student in the course must be a member of one student vocational organization (FBLA, FCCLA, FFA). Your class fee of $20 will pay for your dues to one organization. If you join multiple organizations, you may have to pay additional dues to each organization (see club sponsor for details).

Work Experience/Internship
Semester, .5 credit Grades: 11-12
***Pre-requisite:** Student must secure employment or internship location*
This program allows students to be successful in the transition from school to work while under the professional guidance of an experienced teacher-coordinator and on-the-job supervisors. The student attends school for part of the day and works the rest. Students will have the opportunity to develop good work habits, such as: responsibility, initiative, working with others, and gaining insight into career opportunities. Upon completion of the program, students are ready for immediate employment in today's business world. Graduates who complete this program have valuable job experience to include on their resumes when applying for future employment opportunities and may have the opportunity to earn money towards their future educational goals.

Life Skills

Semester, .5 credit Grades: 11 (required)

This course builds students awareness of career opportunities available to them and improves students' consumerism skills. The units of study are career opportunities, banking services, financial planning and protection, taxes, investments, credit, housing, insurance, consumer protection, and decision making. Students will also work in their ICAP Portfolio. **Life Skills is a graduation requirement for ALL Juniors.**

Senior Seminar Independent Study

Semester, .5 credit Grades: 12 (required)

Senior seminar is comprehensive and mandatory Independent Study for all 12th grade students. The focus is on post-secondary education as well as Post Work Force Readiness (PWR.) Students will explore and thoroughly plan and prepare for life after high school. Every student will use their Individual Career and Academic Plan (ICAP) to make informed decisions when it comes to their future, whether that is college, technical school, and military or straight to work. Students will participate in every phase of college preparation and planning. Students will have the opportunity to research colleges, write personal statements, submit applications and financial aid forms, apply for scholarship and explore careers and other post-secondary options. Each student will complete their senior ICAP to help them focus and develop their plan for life after high school. **Senior Seminar is a graduation requirement for ALL Seniors**.

Family and Consumer Sciences

Career Pathways
One semester, .5 credit Grades: 9-12
This course is designed to identify career interest areas based on your goals, individual skills, and aptitudes. Investigate interests, abilities and goal through various projects, and career testing procedures. Students will develop a usable education and career portfolio containing items necessary for post-secondary education and job search. Interact with professionals who work in various career areas through career panels, a job shadow and a mock interview.

Child and Adolescent Development
One semester, .5 credit Grades: 9-12
The purpose of this course is to acquire knowledge and understanding of child and adolescent development necessary for strengthening the well being of children and families. Content focuses on perspectives of human development, research and theories, understanding and nurturing development, and challenges to development.

Teen Choices
One semester, .5 credit Grades: 9-12
This course focuses on personal power and success, personal growth, school success, wellness, communication, personal relationships, conflict resolution. Additionally we will cover personal and physical wellness, understanding human sexuality, and teens and the law.

Interior Design I
One semester, .5 credit Grades: 10-12 Fee: $15
This program is based on the industry's professional standards focusing on career paths within the housing, interiors, and furnishings industry. Interior Design I will emphasize residential design.

Culinary Nutrition
One semester, .5 credit Grades: 9-12 Fee: $25
The purpose of the course is to develop lifelong, healthy individuals with an understanding of healthy and nutritious cooking techniques. Emphasis is placed on implementing healthy nutritional choices, preparing nutrient dense foods, exploring careers related to culinary nutrition, and practicing wise consumer decisions.

Catering
Two semesters, 1 credit Grades: 10-12 Fee: $50.00
Prerequisite: C or higher in Culinary Nutrition
Catering is a two semester program that will include training and awareness of paid occupations in the food industry and entrepreneurship. This course is for students who are not only interested in a career in food service, but owning their own restaurant or catering business. Students will learn food safety and sanitation practices, nutrition, and will become familiar with the equipment needed for quantity preparation and serving. Students will do a total business plan, including contracting and completing six catering jobs.

MUSIC & PERFORMING ARTS

Marching Band/Concert Band
Year, 1 credit Grades: 9-12 Fee: $50+
Prerequisites: *Wind and percussion players should have previous training on their instruments or basic musical literacy, or instructor approval. Those without experience but have the desire are encouraged to speak to the instructor before the summer. Members of the visual ensemble are admitted by audition the previous spring, and if no secondary instrument is played, only have to register for marching band.* Instructional emphasis is placed on improving skills in musicianship, marching, maneuvering, and showmanship. The Roosevelt Rough Rider Marching Band performs at all RHS home football games, selected regional marching competitions, festivals, and local parades. Band members will participate in band camp prior to the school year. In addition, there may be night rehearsals that are required of members. Participation at rehearsals and performances is required. Since Marching Band consists of the first quarter, students will participate in a concert band setting for the rest of the year. *Participating in only one semester of instrumental music is acceptable by instructor approval ONLY.*
Fees: $50 yearly fee to help with costs associated in running the band program, $32 for Marching Shoes (new members only) $45 for use of school instrument for the whole year.

Jazz Band
One semester, .5 credit or two semesters, 1 Credit Grades: 10-12
Prerequisite: 1 year Marching/Concert Band. Audition required.
Jazz Band is open to students in grades 10-12 who have successfully completed at least one year of high school marching band/concert band. Band members will audition and enroll for the class with the instructor's approval. Students who do not play traditional band instruments may audition on bass guitar, electric guitar and piano. The instructor may make exceptions to these prerequisites in certain situations. The jazz band is a select ensemble for serious students interested in performing and learning about music in the jazz idiom. This class is for the student that possesses better than average musical skills. Students will learn about jazz history as well as various jazz styles and become comfortable with improvisation. The jazz band performs several concerts each year and plays for various functions in the area. Participation in concerts and other performances is required. Students who are selected for the jazz band are encouraged to sign up for both semesters. However, taking one semester only is a possibility.

History of Rock and Roll
One Semester: .5 credit Grades: 9-12
This class will study one of the most influential forces of the 20th Century: Rock and Roll. Emphasis will be placed on understanding the social and cultural contexts of various forms of popular music. Students will learn form and texture in rock music. The format of this class will involve reading examples, video examples, research projects, and lots and lots of listening to Rock and Roll music. We will survey a wide array of music, from Elvis, to Aerosmith, to Zappa and many more influential Rock and Roll artists.

Music Theory
One Semester, .5 credit Grades: 9-12
Prerequisite: One year of an instrumental music or vocal music class is strongly recommended.
Music Theory is for the experienced musician who wants a deeper understanding of the language of music. The majority of the class is spent learning music notation, tonality, keys, transitions, and basic chord progressions. In addition, students can expect to learn the common procedure used in analysis and western composition. This class will help students understand how rhythm, melody, and harmony work together to create music.

String Orchestra
One Semester, .5 credit or Two Semesters, 1 credit Grades: 9-12
Prerequisite: *Students must have their own orchestral string instrument (Violin, Viola, Cello, String Bass); RHS will not provide these instruments for this class.*

Open to all students, the RHS String Orchestra is designed to prepare students with the fundamental techniques to play a string instrument. Previous experience on violin, viola, cello or string bass is strongly suggested but not required. Members will rehearse and perform a variety of orchestral string literature selected from standard and contemporary repertoire. Throughout the school year, the string orchestra will perform in between 2-4 evening concerts, as well as other possible performances in the community and at music festivals. String Orchestra students are encouraged to sign up for both semesters. However, taking one semester is a possibility.

Guitar I-----Student must have own guitar---acoustic guitar preferred
This course is designed for the BEGINNING guitar student. Students will learn basic guitar chords, progressions, and note playing, and beginning tab, care and guitar maintenance. Students will be expected to play a variety of musical styles.

Guitar II-----Student must have own guitar---acoustic guitar preferred
This course is designed to further each student's musical abilities through playing the guitar. Students will be evaluated on their ability, and instruction will be based on student's playing ability. Different areas of instruction will include reading music, playing tab, and reading chord symbols. Students will be expected to play a variety of musical styles. .

Women's Show Choir
Fee: One time $50 dress rental fee & must purchase character shoes
Women's show choir is a group of girls who perform popular music with choreography. All students are required to participate/perform in public festival situations, or any other activity deemed appropriate by the director. Auditions may be required if the class fills up.

Mixed Show Choir
Prerequisite: Audition required
Show Choir is a select group of boys and girls who perform popular music with choreography. All students are required to participate/perform in public, festival situations, or any other activity deemed appropriate by the director. *Fee depends on uniform choices.
*I am also looking for a rhythm group to accompany the choirs-----must audition! I need guitar, drums, piano, bass guitar.

A Cappella Choir

Prerequisite: Audition required **Fee: $10 shirt fee**

A cappella Choir is a select group of boys and girls who perform music without accompaniment. This class demands previous choir experience (exceptions considered). The music studied includes both modern and classical varieties. The choir performs at concerts, contest, and other activities as deemed appropriate by the director.

Theater Tech (offered Spring and Fall)

Fee: $10 shirt fee

Theater Tech is a class to teach students about drama behind the scenes. Students will work on lighting, sound, scenery building, makeup techniques, and costumes. Students will be required to work in productions associated with the theater department and other auditorium productions.

Drama I & II

Fee: $35 Scripts and royalties to produce the show

Drama I students will work on the fundamentals of acting including improvisation, various vocal techniques, movement techniques, creating a character, identify different drama styles, and work on a one act performance. The one act performance may require some time after school depending on the role of the student.

Physical Education

Physical Education
Semester, .5 credit Grades: 9
PE is a required freshman course. Included will be instruction in the skills and rules of individual sports, such as swimming, football, badminton, etc., and team sports such as basketball, handball, volleyball, soccer, and softball. Emphasis will be on knowledge and development of fitness including the components of cardiovascular endurance, flexibility, and strength.

Health Education
Semester, .5 credit Grades: 9
Health is a required freshman course. Topics will include fitness, mental health, first aid, CPR, sexuality, drugs/alcohol and nutrition. Emphasis is on positive behavior change through the development of skills and decision-making abilities as well as knowledge.

Intro to Conditioning
Semester, .5 credit Grades: 9-12 Fee $20
This is a class designed for students who have never been in conditioning before or would like a little extra help with lifting techniques. Students will lift on a split program. One day a week will be set aside for cardiovascular conditioning. Student will study the major muscle groups of the human body and what specific lifts work those muscle groups.

Conditioning
Semester, .5 credit Grades: 10-12 Fee: $20
Prerequisite: *Physical Education or coach recommendation*
Must maintain a "B" in class to repeat course another semester Students will lift on a split program. One day a week will be set aside for cardio-vascular conditioning. Student will study the major muscle groups of the human body and what specific lifts work those muscle groups.

Physical Education II
Semester, .5 credit Grades: 10-12
Pre-requisite: *Physical Education and must be in grades 10-12 only*
Instruction will be given on team sports such as volleyball, floor hockey, basketball, soccer, softball, wrestling and individual sports such as badminton and swimming. Emphasis will be on game play and strategies as well as fitness.

Fit X
Semester, .5 credit Grades: 9-12
Pre-requisite: Physical Education
This class is designed for students with a strong interest in fitness. Students will work on muscular strength and endurance as well as cardiovascular fitness every class meeting. Activities include, but are not limited to: plyometrics, circuit training, yoga, Pilates, aerobic activities, agility training, dance, and core strength.

Lifetime Sports

Semester, .5 credit Grades: 12 Fee: $100

Pre-requisite: *Physical Education*

Instruction will be given in skills and rules of many sports that provide life-time enjoyment Such sports include: basketball, badminton, volleyball, softball, golf, swimming, bike riding, etc. There will also be fieldtrips such as shooting, skiing, snow shoeing, bowling, golfing, rock climbing, etc. Most fieldtrips require a fee. Some equipment may need to be provided by participants.

Technology

Intro to Technology
Semester, .5 credit Grades: 9-12 Fee: $20
Students will be engaged in a variety of experiences which include architecture and interior design, graphic design and photography, digital animation, laser engraving, computer simulations, material and structural testing, mechanical systems construction, multimedia design, music and video production, and video game design. In addition to these subjects, learners will be exposed to on-line collaboration tools, project planning, presentation skills, and the documentation of project results.

Advanced Technology
Semester, .5 credit Grades: 9-12 Fee: $20
Teacher approval required.
At this level the open-ended nature of the RHS SmartLab allows more advanced students the opportunity to immerse themselves in more complex integrated projects with greater focus and depth than beginning students. A few more may even choose to design and plan their own customized projects building on the skills they acquired in previous technology courses.

Intro to Programming & Computer Science
Semester, .5 credit Grades: 9-12
Prerequisites: Currently enrolled in Geometry or Higher
Are you interested in Coding, Game Design, or Web Design? Do you just want to know what's going on inside all of the electronic devices surrounding us every day? This course is an introduction to Computer Programming (commonly referred to as coding), the field of Computer Science, and microelectronics. Students will develop their skills as problem solvers and critical thinkers, as well as developing their knowledge of logic and the design of algorithms. Students will also learn more about how computers work at a fundamental level and how to maximize the effectiveness and efficiency of the programs they create. A variety of methods, hardware, software, and programming languages may be used to explore the basic concepts of computer science and writing code depending on the prior knowledge and experience of the
student.

WORLD LANGUAGE

Spanish I
Year, 1 credit Grades: 9-12
An introductory course for all grade levels. The course is taught using communicative activities, group partner work, vocabulary building skills, and an introduction to basic grammatical structures in Spanish. Teacher and students use Spanish 90% of the time in class. Spanish I is not a course for native speakers of Spanish. NCAA Approved.

Spanish II
Year, 1 credit Grades: 10-12
Pre-requisite: *"D" or better in Spanish I or consent of the instructor*
Spanish II gives continued practice in all skill areas; speaking, writing, reading and listening comprehension, while reviewing and expanding the grammatical structures and vocabulary presented in Spanish I. Teacher and students use Spanish 90% of the time in class. Spanish II is not a course for native speakers of Spanish. NCAA Approved.

Spanish III
Year, 1 credit Grades: 11-12
Pre-requisite: *"D" or better in Spanish II or consent of the instructor*
Students will continue to develop reading, writing, and speaking skills as they also as they learn about the Spanish-speaking world. Teacher and students use Spanish 90% of the time in class. Native speakers with weak reading skills may benefit from Spanish III, but the focus is on developing speaking/listening skills for non-natives. NCAA Approved.

Spanish IV
Year, 1 credit Grades: 11-12
Pre-requisite: *"C" or better in Spanish III or consent of the instructor*
Students will continue to develop advanced reading, writing, speaking and listening comprehension skills as they learn about the Spanish-speaking world. Internet interactions will be included as a means of acquiring more cultural information and literature will be used to advance reading skills. Teacher and students use Spanish 90% of the time in class. Spanish IV is appropriate for native speakers of Spanish that have had at least primary level formal schooling in Spanish. NCAA Approved.

AP Spanish
Year, 1 credit Grades: 12 Fee: $100 for AP exam
Pre-requisite*: "C" in Spanish IV or A in Spanish III or instructor consent*
This course covers the equivalent of a third-year college course in Spanish composition and conversation. It encompasses listening and speaking skills, reading comprehension, grammar, composition, and culture. The course seeks to develop language skills that can be applied to various activities and disciplines. Students are expected to take the AP Exam. AP Spanish is also appropriate and recommended for native speakers of Spanish that are close to grade level in their reading and writing ability in the language. NCAA Approved.

Spanish Heritage Speakers I/II
Year, 1 credit Grades: 9-12
Spanish Heritage Speakers is a Spanish language arts class for students that do not want to lose their Spanish skills and/or want to enhance their reading and writing skills in Spanish. The focus is on developing reading comprehension and writing skills in Spanish. Vocabulary development and orthographic skills are stressed. These courses are good preparation for AP Spanish.

German I
Year, 1 credit Grades: 9-12
German I is a beginning course for language novices with a playful, inquisitive mind. Emphasis is on language application and usage in skits, visual projects, creative writings, musical and rhythmical expressions, while building vocabulary, structures, cultural awareness and sensitivity. NCAA Approved.

German II
Year, 1 credit Grades: 10-12
Pre-requisite: *"D" or better average in German I or consent of the instructor*
German II gives continued practice in all skill areas: Communication within the cultural contexts, creative writing tasks, reading comprehension and audio discrimination, while expanding structures, tenses and vocabulary. NCAA Approved.

German III
Year, 1 credit Grades: 11-12
Prerequisite*: "D" or better average in German II or consent of the instructor*
German III is a course with integrated literature and current events readings from original sources. Students expand communication skills, become aware of cultural contexts, connect to other bodies of knowledge through the German language, compare and contrast their native language and culture with the language being studied, and participate in multilingual communities at home and around the world. NCAA Approved.

German IV
Year, 1 credit Grades: 11-12
Prerequisite*: C in German III*
German IV is a mixed and accelerated group of students with a curriculum that emphasizes such things as: writer's past, speaking in conversational past, future tense, present tense with modal constructions, expanding to subordinate clauses. Students will participate in reading level-appropriate articles while making inferences and comparisons, geared to higher level thinking. Discussions about German culture, politics, and economy will be targeted. NCAA Approved.

Other Electives

Teacher Assistant
Semester, .5 credit Grades: 11-12
Students may apply for a teacher's aide position if that student is ***in good academic standing.*** Teachers are required to fill out an application requesting a student aide and students will be assigned according to need. ONLY ONE AIDE POSITION PER SEMESTER IS ALLOWED! Maximum of 2.0 credits of aide classes may be used for graduation.

Office Assistant (Front Office or Media)
Semester, .5 credit Grades: 11-12
Students may apply for an office aide position if that student is ***in good academic standing***. Students may apply to be an aide in the Front Office or Media Center. ONLY ONE AIDE POSITION PER SEMESTER IS ALLOWED! Maximum of 2.0 credits of aide classes may be used for graduation.

Student Council
Full Year, 1 credit Grades: 9-12
Prerequisite: Enrollment is by Student Council/Student Body Election
This course is required for elected Student Council members. Students will plan and implement school activities and events such as Homecoming Week (outside of school time is required). In addition, students will learn how to be effective student leaders by completing leadership related projects. STUCO will be required to meet daily (as a scheduled class) for the entire year.

Independent Study (COUNSELOR PLACEMENT ONLY)
One Semester, .5 credit Grades: 11-12
Students must have a field of study or special project arranged with the sponsoring teacher. Each Independent Study course must meet or exceed Carnegie unit time frame. The sponsoring teacher and Independent Study student must have completed the appropriate application and have principal and counselor approval. Courses identified with an "IS" on transcript, along with a descriptive course title.

Credit Recovery (COUNSELOR PLACEMENT ONLY)
One Semester, .5 credit Grades 9-12
The credit recovery lab is available for students who have previously failed a course that is a graduation requirement. The curriculum is web-based, which allows for individualized course content and self-paced model.

Academic Credit Advancement (COUNSELOR PLACEMENT ONLY)
One Semester, .5 credit Grades 9-12
This class will allow students the opportunity to select courses through our OnLine Program, Edgenuity. Students can complete courses during their high school career in all academic content areas as well as numerous electives. These courses are intended to help students develop a well-rounded educational experience. Students will work with their high school counselors to select the courses that will meet high school graduation requirements and ensure Students are also recommended to pursue courses that are part of their ICAP (Individual Career and Academic Plan.)

9th STEM (Science-Technology-Engineering-Math)

This program is offered by application only. Please contact a school counselor for requirements, information and application.

Topics in Technology

1 Semester, .5 Credit

Topics in Technology is a one semester, STEM pre-requisite class at Roosevelt High School. The Topics in Technology class is designed to allow students to participate in online collaborations, research, and publishing using internet resources and technology tools.

Students will explore the social and ethical implications of using computer and online technologies. This program requires certain responsibilities and obligations on the part of the student. This class is an opportunity for students to take advantage of a variety of learning challenges to help ensure a successful transition to STEM. Student achievement is the overriding objecti ve. The course curriculum will include the following:

- Character and Team-building
- Online reading, communication, and publishing skills
- Project-based learning
- Digital organization & productivity
- Portfolio creation
- Digital citizenship and safety
- Digital presentation and publishing skills
- STEM career exploration
- Digital Literacy - appropriate Internet usage, email, Google Apps, and digital portfolios
- Information Literacy - research skills; how to access, evaluate, and ethically use Information

Introduction to Engineering

1 Semester .5 Credit

Through an interdisciplinary approach, Science, Technology, Engineering and Mathematics will be expl ored in this unique project-based learning environment. This course will focus on giving students a solid foundation in each of the core STEM subject areas. Specifically, students in this course will complete projects in the following areas:

- Electricity/Circuits/Magnetism/Motors/Generators
- Alternative Energy sources
- CAD/Technical Drawing/3D Drawing
- Environmental Science/Data Collection/Scientific Method
- Robotics/Programming
- Geographic information Systems

10th-12th Grade STEM

These courses build upon the previous year's courses and encompass many of the strategies learned in the previous semester(s). The STEM courses in grades 10-12 provide a detailed study into water resources and treatment as well as sustainable solutions to protect our earth's resources for healthy land, air, and water.

10th Grade STEM

Environmental Engineering

1 Semester .5 Credit

Students will investigate Sustainable Solutions/Water Resources and Treatment and present an overview, possible careers, and areas of related study. Students will complete activities studying EPA information regarding environmental impacts and legislation. Students will learn about air, water, and soil pollutants and their chemical composition (environmental chemistry). Students will find environmental problems and investigate possible solutions.

Environmental Energy & Hydrology

1 Semester .5 Credit

This course will focus on local and worldwide issues in water from pollution to availability. Current energy sources and types as well as future energies will be explored. Clean water and energy are resources that most of us take for granted and often we feel as though we have an unlimited supply in the United States. This is not the case for most people in the world and may not be the case for us in the United States for much longer. There are numerous types of energy that are available to us all and we will look into why we should use them or why we don't use them.

11th Grade STEM

Water Management & Sustainable Solutions

1 Semester .5 Credit

This course will focus on issues in the United States with water management including usage, distribution and geographic appropriations. Also, irrigation issues and factors for water regarding industry and pollution. The green design, life cycle analysis and environmental/ water impacts are studied as regional populations develop. Economic impacts are also felt within society as these factors develop.

12th Grade STEM

Senior Project/Activity Submission

1 Semester, .5 Credit

Senior STEM students will work to develop a culminating project proposal and product to demonstrate their understanding of issues for sustainability and/or water resources and treatment. The goal of this project/submission is to fulfill a purposeful and effective design to support sustainability and/or water resources. Students will incorporate principles of science, technology, engineering, and mathematics within the design of their project. Student projects may be completed individually or within small group formats as approved. A final exit presentation will be required for each student or group project to the selected STEM evaluation committee representing RHS. Students are also required to submit and present their project at the regional/state science fair(s).

Aims Courses at RHS

Aims Career Academy—Scholarship Program

Year, 2 credits Grades: 11-12

Eligible students can apply to participate in the AIMS Community College Career Academy program. Students will attend college classes in the afternoon in one of several certificate programs. This is a dual-enrollment program. Students earn 2 credits towards high school graduation and 6 college credits. Interested students must complete an application, attend an orientation night, and be selected by the placement committee. All college fees are paid for by the school district. The student will be responsible for transportation. This program is limited to 10 RHS students per year.

Accounting

ACC 121 - Accounting Principles I

4 College Credits/ 1.33 High School Credit

Grades: 11-12

Introduces the study of accounting principles for understanding of the theory and logic that underlie procedures and practices. Major topics include the accounting cycle for service and merchandising companies, special journals and subsidiary ledgers, internal control principles and practices, notes and interest, inventory systems and costing, plant assets and intangible asset accounting, and depreciation methods and practices.

Prerequisite: Must have taken Accounting I

Biology

BIO 106 Aims Basic Human Anatomy and Physiology

Grades: 11-12

4 College Credits/ 1.33 High School Credit

Focuses on basic knowledge of body structures and function, and provides a foundation for understanding deviations from normal and disease conditions. This course is designed for individuals interested in health care and is directly applicable to the Practical Nursing Program, Paramedic Program and the Medical Office Technology Program. Program and transfers to selected four-year baccalaureate programs. This course also surveys all body systems. Laboratory portion includes microscopic study of tissue, skeleton and selected dissections and demonstrations. BIO 106 cannot be applied towards the A.S. degree or used to meet the Physical and Life Science requirement for the A.A. degree.

Prerequisite(s): CCR 092 or higher and MAT 50. *Biology is required and Chemistry strongly recommended*

Carpentry

CAR 100 - Introduction to Carpentry

Grades: 11-12

1 College Credit/.5 High School Credit

Provides a basic introduction to construction work for all crafts. This course specifically applies to construction sites.

CAR 101 - Basic Safety

Grades: 11-12

1 College Credit/ .5 High School Credit

An overview of safety concerns and procedures in the construction field.

CAR 102 - Hand and Power Tools
1 College Credit/.5 High School Credit
Grades: 11-12
Focuses on basic hand and power tools including stationary tools. Emphasizes a hands-on approach to proper and safe use of these tools as it applies to the construction environment and is taught in conjunction with a lab or framing class.

CAR 105 - Job Site Layout/Blueprint Rdg
Grades: 11-12
1 College Credit/.5 High School Credit
Introduces blue-print reading and how they apply to the construction site. Includes in-depth introduction to site layout (materials and methods).

Computer Applications

CIS 118 - Intro PC Application
Grades: 11-12
3 College Credits/ 1 High School Credit
Introduces computer concepts and components, as well as application-suite software and the Internet. Includes descriptions of and hands-on experiences with word processing, spreadsheets, databases, operating environments and other common PC application packages.

Criminal Justice

CRJ 110 - Intro to Criminal Justice:
Grades: 11-12
3 College Credits/ 1 High School Credit
Introduces a study of the agencies and processes involved in the criminal justice system: the legislature, the police, the prosecutor, the public defender, the courts, and corrections. Includes an analysis of the roles and problems of the criminal justice system in a democratic society, with an emphasis upon inter-component relations and checks and balances. (This course is offered Fall semester)

CRJ 125 - Policing Systems
Grades: 11-12
3 College Credits/ 1 High School Credit
Examines policing in the United States, including: historical foundations, emerging issues, and the relationship between law enforcement and the community. The various types of law enforcement agencies, their administrative practices, and the behavior of those involved in the delivery of police services are examined from the perspective of democratic values, racial and ethnic diversity, and societal perceptions of police effectiveness. Career requirements, including current and future trends, are also presented. (This course is offered Fall semester)

CRJ 135 - Judicial Function
Grades: 11-12
3 College Credits/ 1 High School Credit
Examines the criminal process with an analysis of the major judicial decision-makers, i.e., prosecutors, defense attorneys, judges, and the discretionary aspects of adjudication.

CRJ 145 - Correctional Process
Grades: 11-12
3 College Credits/ 1 High School Credit
Focuses on the post-conviction corrections process, the development of correctional philosophy, theory, and practice, a description of institutional operation, programming and management, and community-based corrections, probation, and parole.

EMT

EMS 121 - EMT Fundamentals
Grade 12
3 College Credit/ 1 High School Credit
Introduces the Emergency Medical Technician (EMT) student to prehospital emergency care. The topics included in this course are Emergency Medical Services (EMS) systems, well-being of the EMT, communications, documentation, anatomy, airway management, and patient assessment. Prerequisite(s): Reading assessment and professional level CPR certification. (Fall Semester)

EMS 124 - EMT Special Considerations
Grade 12
2 College Credit/ .66 High School Credit
Provides the Emergency Medical Technician (EMT) student with the knowledge and skills required to modify the assessment, treatment, and transportation of special patient populations and patients in special circumstances. This course also provides an overview of incident command, mass casualty incidents, vehicle extrication, air medical support, hazardous materials, and terrorism. Prerequisite(s): Reading assessment and professional level CPR certification. (Fall Semester)

EMS 170 - EMT Basic Clinical
Grade 12
1 College Credit/ .5 High School Credit
Provides the EMT student with the clinical experience required of initial and some renewal processes. Prerequisite(s): EMT Basic initial or renewal students or permission of instructor. Visit the online orientation at www.aims.edu/academics/ems/ for prerequisite information. (Fall Semester)

EMS 122 - EMT Medical Emergencies
Grade 12
4 College Credits /1.33 High School Credit
Provides the Emergency Medical Technician (EMT) student with the knowledge and skills to effectively provide emergency care and transportation to a patient experiencing a medical emergency. This course focuses on the integration of the physical exam, medical history, and pathophysiology when assessing and treating the medical patient. Prerequisite(s): Reading assessment and professional level CPR certification. (Spring Semester)

EMS 123 - EMT Trauma Emergencies
Grade 12
2 College Credits/ .66 High School Credit
Provides the Emergency Medical Technician (EMT) student with the knowledge and skills to provide appropriate emergency care and transportation of a patient who has suffered a traumatic injury. The concepts of kinematics and the biomechanics of trauma, along with pathophysiology and injury patterns will provide the student with the ability to assess and manage the trauma patient. Prerequisite(s): Reading assessment and professional level CPR certification. (Spring Semester)

English Composition

ENG 121 - English Composition I [CO1]

Grades: 11-12

3 College Credit/ 1 High School Credit

Emphasizes the planning, writing, and revising of compositions, including the development of critical and logical thinking skills. This course introduces students to research strategies and skills. This course includes a minimum of five compositions that stress purpose, audience, and persuasive/argumentative writing. Proficiency in essay writing is required for a passing grade, and students must have a C or better in ENG 121 before they will be admitted to ENG 122. Technology skills required (creating, storing, and sending word-processed files, using the Internet, etc.) This course is a state guaranteed transfer course GT-CO1. Prerequisite(s): ENG 090 or CCR 092 or CCR 093 or CCR 094, all with a grade of C or better, or placement test, or student may take concurrently with CCR 094. No exceptions to course prerequisite will be allowed.

Math

MAT 055 Algebraic Literacy

Grades: 11-12

4 College Credits/1.33 High School Credit

Develops algebraic skills necessary for manipulating expressions and solving equations. Topics in the course include radicals, complex numbers, polynomials, factoring, rational expressions, quadratic equations, absolute value equations and inequalities, systems of linear equations, related applications and math learning strategies. This course prepares students for College Algebra and Finite Math. Prerequisites: MAT 050 or higher (except 060 and MAT 103) all with a grade of C or better or assessment test (ACT, SAT or Accuplacer)

MAT 121 College Algebra

Grades: 11-12

4 College Credits/1.33 High School Credit

Includes a brief review of intermediate algebra, equations and inequalities, and covers functions, exponential and logarithmic functions, theory of equations, graphs and linear and nonlinear systems with a selection of topics from among graphing of the conic sections, sequences and series, permutations and combinations and the binomial theorem. This course is a state guaranteed transfer course.
Prerequisites: MAT 055 or higher (with exceptions) with a grade of C or better or assessment test. Accuplacer 85+, ACT 23 SAT 500

*If student does not have the prerequisites to enroll in this course, we also offer RHS College Algebra for High School Credit, but not for College Credit.

Psychology

PSY 101 - General Psychology I

Grades: 11-12

3 College Credits/ 1 High School Credit

Focuses on the scientific study of behavior including motivation, emotion, physiological psychology, stress and coping, research methods, consciousness, sensation, perception, learning and memory. This course is a state guaranteed transfer course.

Spanish Language

SPA 101 - Conversational Spanish I
Grades: 11-12
3 College Credits/ 1 High School Credit
Offers beginning students the skills necessary to understand and speak Spanish. The material includes basic vocabulary, grammar, and expressions that are used in daily situations and in travel.

SPA 102 - Conversational Spanish II
Grades: 11-12
3 College Credit/ 1 High School Credit
Offers students the skills necessary to understand and speak Spanish. The material continues to cover basic conversations patterns, expressions, and grammar.
Prerequisite(s): SPA 101 or permission of instructor.

2018-19 RHS Course #s and Names

Category	Course #	Course Name	9	10	11	12	
English	EN 100	**English 9 A**	9				
English	EN 101	**English 9 B**	9				
English	EN 110	Honors English 9 A	9				
English	EN 111	Honors English 9 B	9				
English	EN 105	**English 10 A**		10			
English	EN 106	**English 10 B**		10			
English	EN 115	Pre-AP English 10 A		10			
English	EN 116	Pre-AP English 10 B		10			
English	EN 131	**English 11 A**			11		
English	EN 132	**English 11 B**			11		
English	EN 126	Short Novels			11	12	
English	EN 133	Creative Writing			11	12	
English	EN 124	Mythology			11	12	
English	EN 220	AP Literature A			11	12	
English	EN 221	AP Literature B			11	12	
English	EN 114	**Speech**				12	
English	EN 120	Debate				12	
Elective	EL 216	Broadcasting & Publications A				12	
Elective	EL 217	Broadcasting & Publications B				12	
English	EN 140	College Prep English				12	
Math	MA 110	Foundations of Algebra A	9	10			**M**
Math	MA 111	Foundations of Algebra B	9	10			**A**
Math	MA 100	Algebra I A	9	10			**T**
Math	MA 101	Algebra I B	9	10			**H**
Math	MA 905	Foundations of Geometry A	9	10			
Math	MA 906	Foundations of Geometry B	9	10			**P**
Math	MA 102	Geometry A	9	10			**L**
Math	MA 103	Geometry B	9	10			**A**
Math	MA 803	Honors Geometry A	9	10			**C**
Math	MA 804	Honors Geometry B	9	10			**E**
Math	MA 114	Algebra II A		10			**M**
Math	MA 115	Algebra II B		10			**E**
Math	MA 104	Honors Algebra II A		10			**N**
Math	MA 105	Honors Algebra II B		10			**T**
Math	MA 120	Pre Calculus A		10	11	12	
Math	MA 121	Pre Calculus B		10	11	12	**B**
Math	MA 106	Trigonometry			11	12	**Y**
Math	MA 107	Statistics			11	12	
Math	MA 118	Finance Math A			11	12	**D**
Math	MA 119	Finance Math B			11	12	**E**
Math	MA 122	AP Calculus A			11	12	**P**
Math	MA 123	AP Calculus B			11	12	**T**

Math	MA 132	College Algebra A			11	12
Math	MA 133	College Algebra B			11	12
Science	SC 100	**Physical & Earth Science A**	9			
Science	SC 101	**Physical & Earth Science B**	9			
Science	SC 102	**Biology A**		10		
Science	SC 103	**Biology B**		10		
Science	SC 111	Pre-AP Biology A		10		
Science	SC 112	Pre-AP Biology B		10		
Science	SC 104	ChemCom A		10	11	12
Science	SC 105	ChemCom B		10	11	12
Science	SC 106	Chemistry A		10	11	12
Science	SC 107	Chemistry B		10	11	12
Science	SC 132	Advanced Chemistry			11	12
Science	SC 125	Forensic Science			11	12
Science	SC 122	Physics A			11	12
Science	SC 123	Physics B			11	12
Science	SC 135	Human Anatomy and Physiology A			11	12
Science	SC 136	Human Anatomy and Physiology B			11	12
Science	SC 133	AP Biology A			11	12
Science	SC 134	AP Biology B			11	12
Science	SC 115	Enviromental Science			11	12
Science	SC 113	Marine Biology			11	12
Science	SC 110	Astronomy		10	11	12
Science	SC 109	Geology		10	11	12
Science	SC 108	Meterology/Oceanography		10	11	12
Social Studies	SS 100	**World Geography 9 A**	9			
Social Studies	SS 101	**World Geography 9 B**	9			
Social Studies	SS 102	**World History 10 A**		10		
Social Studies	SS 103	**World History 10 B**		10		
Social Studies	SS 104	**US History 11 A**			11	
Social Studies	SS 105	**US History 11 B**			11	
Social Studies	SS 106	**American Government**				12
Social Studies	SS 107	Psychology I			11	12
Social Studies	SS 108	Psychology II			11	12
Agriculture	AG 100	Ag Science & Leadership	9	10	11	
Agriculture	AG 101	Ag Mechanics I	9	10	11	12
Agriculture	AG 102	Ag Mechanics II	9	10	11	12
Agriculture	AG 103	Equine Science	9	10	11	12
Agriculture	AG 104	Animal Science (Spring)	9	10	11	12
Agriculture	AG 108	Natural Resources	9	10	11	12
Agriculture	AG 110	Ag Business		10	11	12
Agriculture	AG 111	Ag Carpentry	9	10	11	12
Agriculture	AG 112	Ag Structures	9	10	11	12

Agriculture	AG 113	Precision Ag	9	10	11	12
Art	AR 107	Intro to Art & Design	9	10	11	12
Art	AR 105	Drawing 1	9	10	11	12
Art	AR 106	Drawing 2		10	11	12
Art	AR 108	Painting 1	9	10	11	12
Art	AR 110	Pottery 1	9	10	11	12
Art	AR 111	Pottery 2	9	10	11	12
Art	AR 104	Artist's Journal		10	11	12
Art	AR 150	Advanced Art Studio A			11	12
Art	AR 151	Advanced Art Studio B			11	12
Art	AR 201	AP Studio Art A				12
Art	AR 202	AP Studio Art B				12
Business	BUS 200	**Senior Seminar**				12
Business	BUS 109	**Computer Applications**	9	10	11	12
Business	BUS 113	**Life Skills**			11	
Business	BUS 140	College Comp App.		10	11	12
Business	BUS 110	Desktop Publishing		10	11	12
Business	BUS 112	General Business		10	11	12
Business	BUS 100	Accounting I A		10	11	12
Business	BUS 101	Accounting I B		10	11	12
Business	BUS 120	Business Law		10	11	12
Business	BUS 106	College Accounting A			11	12
Business	BUS 107	College Accounting B			11	12
Business	BUS 150	Leadership in Action	9	10	11	12
Business	BUS 162	Work Experience A			11	12
Business	BUS	Work Experience B			11	12
FACS	FC 115	Child & Adolescent Dev	9	10	11	12
FACS	FC 109	Teen Choices	9	10	11	12
FACS	FC 105	Interior Design I		10	11	12
FACS	FC 107	Culinary Nutrition	9	10	11	12
FACS	FC 108	Career Pathways	9	10	11	12
FACS	FC 100	Catering A		10	11	12
FACS	FC 101	Catering B		10	11	12
Music & Perf Arts	MUS 100	Marching Band (Fall)	9	10	11	12
Music & Perf Arts	MUS 101	Concert Band (Spring)	9	10	11	12
Music & Perf Arts	MUS 103	Jazz Band A (audition)		10	11	12
Music & Perf Arts	MUS 104	Jazz Band B (audition)		10	11	12
Music & Perf Arts	MUS 116	History of Rock & Roll	9	10	11	12
Music & Perf Arts	MUS 105	String Orchestra A	9	10	11	12
Music & Perf Arts	MUS 106	String Orchestra B	9	10	11	12
Music & Perf Arts	MUS 117	Music Theory	9	10	11	12
Music & Perf Arts	MUS 110	Guitar I	9	10	11	12
Music & Perf Arts	MUS 115	Guitar II	9	10	11	12

Music & Perf Arts	MUS 202	Women's Show Choir A	9	10	11	12
Music & Perf Arts	MUS 203	Women's Show Choir B	9	10	11	12
Music & Perf Arts	MUS 204	Mixed Show Choir A (audition)	9	10	11	12
Music & Perf Arts	MUS 205	Mixed Show Choir B (audition)	9	10	11	12
Music & Perf Arts	MUS 200	A Cappella Choir A (audition)	9	10	11	12
Music & Perf Arts	MUS 201	A Cappella Choir B (audition)	9	10	11	12
Music & Perf Arts	MUS 305	Theater Tech	9	10	11	12
Music & Perf Arts	MUS 300	Drama I (Fall)	9	10	11	12
Music & Perf Arts	MUS 301	Drama I (Spring)	9	10	11	12
Music & Perf Arts	MUS 302	Drama II (Fall)		10	11	12
Music & Perf Arts	MUS 303	Drama II (Spring)		10	11	12
Physical Ed	PE 100	**Physical Education**	9	10		
Physical Ed	PE 101	**Health**	9	10		
Physical Ed	PE 102	Physical Education II		10	11	12
Physical Ed	PE 120	Fit X	9	10	11	12
Physical Ed	PE 104	Intro to Conditioning A	9	10	11	12
Physical Ed	PE 105	Intro to Conditioning B	9	10	11	12
Physical Ed	PE 106	Conditioning A		10	11	12
Physical Ed	PE 116	Conditioning B		10	11	12
Physical Ed	PE 108	Lifetime Sports				12
STEM	ST 09A	Topics in Technology	9			
STEM	ST 09B	Intro into Engineering	9			
STEM	ST 10A	Env Engineering		10		
STEM	ST 10B	Env Energy & Hydrology		10		
STEM	ST 11B	Water Mgmt & Sust Solutions			11	
STEM	ST 12A	Senior Project/Activity Submission				12
Technology	TE 105	Intro to Technology	9	10	11	12
Technology	TE 102	Advanced Technology	9	10	11	12
Technology	TE 106	Intro to Programming & Computer Science	9	10	11	12
World Lang	WL 100	Spanish I A	9	10	11	12
World Lang	WL 101	Spanish I B	9	10	11	12
World Lang	WL 102	Spanish II A		10	11	12
World Lang	WL 103	Spanish II B		10	11	12
World Lang	WL 104	Spanish III A			11	12
World Lang	WL 105	Spanish III B			11	12
World Lang	WL 106	Spanish IV A			11	12
World Lang	WL 107	Spanish IV B			11	12
World Lang	WL 108	AP Spanish A				12
World Lang	WL 109	AP Spanish B				12
World Lang	WL 110	Spanish Heritage Speakers I A	9	10	11	12
World Lang	WL 111	Spanish Heritage Speakers I B	9	10	11	12
World Lang	WL 112	Spanish Heritage Speakers II A		10	11	12
World Lang	WL 113	Spanish Heritage Speakers II B		10	11	12

World Lang	WL 114	German I A	9	10	11	12
World Lang	WL 115	German I B	9	10	11	12
World Lang	WL 116	German II A		10	11	12
World Lang	WL 117	German II B		10	11	12
World Lang	WL 118	German III A			11	12
World Lang	WL 119	German III B			11	12
World Lang	WL 120	German IV A			11	12
World Lang	WL 121	German IV B			11	12
Elective	EL 300	Student Council	9	10	11	12
Elective	EL 212	Study Hall	9	10	11	12
Elective	EL 115	Teacher Assistant A			11	12
Elective	EL 116	Teacher Assistant B			11	12
Elective	EL 105	Media Assistant A			11	12
Elective	EL 106	Media Assistant B			11	12
Elective	EL 110	Front Office Assistant A			11	12
Elective	EL 111	Front Office Assistant B			11	12
Elective	EL 2001	Independent Study w/ admin approval			11	12