

Below are the classes offered at Salida High School.

ENGLISH DEPARTMENT

All English classes are two-semester classes. You may not begin a two-semester course in the second semester. One-half credit is granted for each semester successfully completed. If you fail a semester, you need only repeat that semester.

English 1: This course is required for freshmen. The standards-based curriculum integrates reading and writing, using literature, history and current events as a springboard. Spelling, vocabulary, grammar are studied within the context of the literature and students' writing.

English 2: This course is required for sophomores. The English 10 curriculum is standards based. The class emphasizes both reading and writing in a variety of genres. Spelling, vocabulary, and grammar are studied within the context of literature. Special emphasis is placed on the development of critical thinking and evaluation skills as students apply what they read to their life.

English 3: This course is required for juniors. The content of this course includes a thorough review of the principles of grammar, punctuation, spelling, word usage, and sentence and paragraph structure, culminating in their application of writing. It also includes the study of American literature.

AP English Literature 12: Advanced Placement Literature is designed for college-bound students who have demonstrated mastery of the English curricula. The course will emphasize the critical analysis of novels, plays, short stories, poetry, and essays by major authors. Essays will explore different strategies for discussing literature. In addition, students will continue to develop their speaking, listening, and critical thinking skills. Students will be **required** to complete a summer assignment. Student will also be responsible for creating a Senior English Project in which students write a research paper, create a project and present it to a panel of teachers, community members, and parents.. The Advanced Placement Exam fee is approximately \$90. **Students may gain college credit by passing the Advanced Placement Examination. Credit in this course applies toward the Honors Diploma. Lab/Exam Fee: Approximately \$90.**

AP English Language: is designed for college-bound students who have demonstrated mastery of the English curricula. The course will emphasize the critical analysis of novels, novel-length non-fiction, and essays by major authors, as well as the organization and writing of analysis and argument essays. In addition, students will continue to develop their speaking, listening, and critical thinking skills. Students will be required to complete a summer assignment. The Advanced Placement Exam fee is approximately \$90. Students may gain college credit by passing the Advanced Placement Examination. Credit in this course applies toward the Honors Diploma. Lab/Exam Fee: Approximately \$90. Juniors and Seniors Only.

English 4: This college preparatory, in-depth study of the techniques of writing and the study of various works of literature emphasizes logic and critical thinking. The students will pursue an intensive review of mechanics, grammar, and usage for college entrance. Additionally, students will read in a variety of literary genres for the purpose of analysis. Seniors in English 12 will complete a Senior Project in which students write a research paper, create a project and present it to a panel of teachers, community members, and parents.. Prerequisite: Teacher recommendation.

Tenderfoot Times I and **Tenderfoot Times II:** These full-year classes are an advanced journalism course. Students write, design, and produce the student newspaper. These classes present hands-on practice of skills learned in Introduction to Journalism. Interviewing, reporting, and writing a variety of stories are required. Opinion, feature and news writing are expected. Conventional and digital photography as well as computer-generated design and layout are part of the class. Advertising sales, journalistic ethics and responsibilities are included. Prerequisite for either Tenderfoot Times I or II is successful completion of Introduction to Journalism.

Literary & Arts Annual Student Editor-in-Chief: Under instruction of magazine sponsor, coordinates the process of putting together the magazine. In charge of advertising, and collection organization (in both funding and magazine entries). Creates magazine layout, and maintains organization of entries. In charge of primary editing of all literature (final editing will be done by the magazine sponsor). Will monitor the organization and completion of all art photography and entry. Puts together final layout for magazine working with Microsoft Publisher, and checks for an mistakes or changes before publishing (final edit will be done by the magazine sponsor). Also in charge of distributing magazine after published. (Must be approved by both magazine sponsor and principal).

Creative Writing: is a year-long writing and reading-intensive English class, though students may join or withdraw at semester. In this course, students will read closely and analytically, studying other successful, published fiction and non-fiction writers from whom the students are to model their own writing. Students should expect to write in a variety of genres, including memoir, short story, short personal essay, and creative non-fiction. When finishing writing assignments, students should expect to hone their personal editing and revision skills. This class is for juniors and seniors. A student must take English 3 or AP Lang. Creative Writing cannot take the place of English 3 or AP Lang. A student can take Creative Writing during senior year in place of AP Lit. or English 4. A student can take both Creative Writing and English 3/AP Lang during junior year at the same time.

Any student wanting to join this class must submit a 200-250-word writing sample, which should show the student's ability to use proper writing conventions, organization, and clear and vivid language. Students may choose the genre and topic.

MATH DEPARTMENT

All math classes are two semester classes. You are required to complete 3 full years of math, including Essentials of Algebra/Algebra I or higher in order to meet graduation requirements. Algebra I from the middle school counts as a graduation credit if a “C” or better is earned in the class. However, SHS strongly recommends taking a fourth year of a math class for all students.

AP Calculus AB: This course is a year-long course designed to acquaint the student with calculus principles such as derivatives, integrals, limits, linear approximations, simple differential equations and how to model the real-world through application of these concepts.

Prerequisites: C or better in Pre-Calculus and teacher recommendation.

AP Statistics: This course is a year-long study of statistics designed to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data: describing patterns and departures from patterns; sampling and experimentation: planning and conducting a study; anticipating patterns: exploring random phenomena using probability and simulation; and statistical inference: estimating population parameters and testing hypotheses.

Prerequisites: C or better in Pre-Calculus and teacher recommendation.

Essentials of Algebra: This course is designed for students who have taken Pre-Algebra as an 8th grader, but are lacking sufficient problem-solving skills and proficiency in number relationships, mathematical operations with integers and rational numbers, measurement, and basic algebra concepts to succeed in Algebra I. This course focuses on developing these skills to prepare the student to be successful in Geometry and Algebra II.

Prerequisites: Successful completion of Pre-Algebra and 8th grade teacher recommendation.

Math of Finance: This class is designed to explore the mathematics of money. Students will learn in various units, there is more to the mathematics of money and finances than earning it and spending it. They will learn about taxes, budgets, investments, insurance credit and making a variety of financial decisions. This class will also explore the mathematics of economics and statistics and apply them to 21st century decision making skills. Students will also explore colleges and apply for financial aid. The FAFSA unit is designed to help students with the decision making process of finding, accepting, and declining student aid.

Prerequisites: Successful completion of Geometry and a senior academic standing.

Algebra II C.P. (College Prep): This course is in part an extension of the Algebra I

course, taking many of the same topics and exploring them more carefully. Some of the topics covered are: linear functions and relations in two and three variables, polynomial functions, rational and irrational equations, logarithms, trigonometry, matrix algebra, permutations, combinations, and probability.

Prerequisites: Advanced Geometry or Geometry with C or better and teacher recommendation.

Algebra I: This course covers the fundamental concepts of algebra. It is designed to provide a student the opportunity to master, all of the topics of an Algebra I course.

Topics covered in this course are integers, solving equation and inequalities, factoring, combining rational expressions, graphing linear equations, real numbers, ratios and proportions, quadratic equations, exponents, and radicals. Prerequisites: Successful completion of Pre-Algebra and 8th grade teacher recommendation.

Advanced Geometry: This course will cover much of the same content as Geometry; however we will move at a much faster pace and go more in depth into concepts. This course presents the concepts of plane and solid geometry through deductive and inductive reasoning. Topics covered include: elements of geometry, deduction, angle relationships, parallel lines and planes, congruent triangles with proofs, similar polygons, trigonometry, coordinate geometry, circles, areas and volumes. Geometry is used to relate geometric properties to algebra and advanced math concepts. This class is intended for serious math students who plan on continuing with other advanced math classes.

Prerequisite: Successful completion of Algebra I and 8th grade teacher recommendation.

Pre Calculus: This course includes topics in basic algebra, functions and graphs, intercepts, zeros, polynomials, rational functions, exponential and logarithmic functions, trigonometric functions, linear models, systems of equations, probability, statistics, conics, polar coordinates, vectors, limits and an introduction to calculus. A graphing calculator will be used to develop concepts and is highly recommended for students. This course is not a graduation requirement, but is strongly recommended for all students planning to attend college.

Prerequisites: Successful completion of Algebra II C.P. or Algebra II (B) with a C or better.

Algebra II (A): This course covers the first semester of the Algebra II C.P. course. This course focuses on students that have passed Geometry but are lacking sufficient problem solving skills and proficiency in more complex algebra applications to succeed in Algebra II C.P.

Prerequisites: Successful completion of Geometry.

Algebra II (B): This course covers the second semester of the Algebra II C. course. This course is designed to begin where Algebra II (A) left off. This course focuses on the students that have passed Geometry and Algebra II (A) but are lacking the sufficient problem solving skills and proficiency in more complex algebra applications to succeed in Algebra II C.P.

Prerequisites: Successful completion of Algebra II (A)

Geometry: This course presents the concepts of plane, solid, and coordinate geometry through deductive and inductive reasoning. Topics covered include: elements of geometry, deduction, angle relationships, parallel lines and planes, congruent triangles, similar polygons, trigonometry, coordinate geometry, areas and volumes. Geometry is used to relate geometric properties to algebra and advanced math concepts.

Prerequisites: Successful completion of Algebra I or Essentials of Algebra

Pre-Algebra: Pre-Algebra will review math concepts necessary for success in Algebra I. This course is designed as a remedial course to help students meet the eighth grade standards. However, students who complete Pre-Algebra will still be required to successfully complete Algebra I and Geometry to meet their graduation requirements for math. The course will allow students to review and maintain computational skills. Topics covered will include: mathematical operations on integers, whole numbers, fractions, and decimals, solving single variable equations, solving ratios, proportions and percent problems, basic geometry concepts of common figures, determining area and volume, and working with statistics and probability. Successful completion of this course will result in one elective credit.

SCIENCE DEPARTMENT

The science courses are two-semester courses. You may not begin a two-semester course in its second semester. One-half credit is granted for each semester successfully completed. If you fail a semester, you need only repeat that semester. You need three full credits for graduation. However a fourth year is strongly recommended for all college bound students.

Physical Science: This course is required of all freshmen students. This class is divided into semesters. The first semester will deal with metric measurement, linear motion, forces, wave motion, and properties and classification of matter. Atoms, molecules, compounds and the Periodic Table will be studied the second semester.

General Biology: This class is normally taken by sophomores who will continue in future college-oriented science classes. Through lecture, audio-visual aids and laboratory exercises, the student will be introduced to the concepts of life. This class will include: cell biology & human body systems, genetics, evolution and ecology.

Chemistry: The first semester is a lab course involving atomic theory and structure, scientific measurement, chemical names and formulas, chemical reactions and stoichiometry. The second semester of this course is a lab course involving gas laws, electrons in atoms, chemical periodicity, chemical bonds, solutions and acid base reactions. Passing Biology and Alg I are a prerequisite to take this class. Students going into health-related fields should take this class.

AP Physics: The first semester is a lab course involving measurement, sound, light,

photography, nuclear physics and heat. The second semester of this course is a lab course involving Newtonian motion, velocity, force, energy concepts and electricity. This course is open to students who have successfully completed Algebra II and Chemistry.

Earth Science: During this hands-on, lab based course, students will discover and learn about topics relating to Astronomy, Meteorology, Geology and Oceanography. Falling stars, black holes, thunderstorms, lightning and tornadoes, evidence of ancient volcanoes, oceans and dinosaurs in Colorado represent a few of the topics you will learn in Earth Science. The Goal of this class is for students to successfully master and gain an appreciation for the most important and interesting topics explaining Earth's natural phenomenon.

AP Biology: Must have pass Chemistry with a C or better. The AP Biology course is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their first year of college. This class is designed for students who have completed Biology and Chemistry with grades of "B" or better and who are possibly contemplating a major in a science related field. Students can earn college credit by earning a 3 or higher on the AP Biology Exam given in May. The class will be conducted at the college level and students are expected to work accordingly. Students are expected to come to class prepared (all reading and assignments completed), as the overall success of the program depends in large part on each student meeting their individual responsibilities.

SOCIAL STUDIES DEPARTMENT

One-half credit is granted for each semester successfully completed. You may not begin a two-semester course in its second semester. If you fail a semester, you need only repeat that semester.

World Geography: Open only to freshmen, this class is designed to look at various aspects of the different regions and cultures around the world. This will include a focus on geographic location, as well as human and physical geography. All seven continents, as well as the surrounding water bodies, will be covered. An emphasis on global current events, political and economic, will also be of primary concern. **This course is required for freshmen students.

World History I: (Two Semesters) This course explores the history of Western Civilization from its earliest origins through the Middle Ages. The emphasis will be on political events and tracing the developments of civilization through its ancient and medieval phases. Cultural and artistic development will be explained as it affects historical changes. This class counts as a Social Studies credit but students are still required to take American History, or History 126/127, and Econ/Gov't.

Psychology: This course will cover the study of human behavior as it relates physical, mental and emotional growth to behavior both normal and abnormal. It will explore some problems faced by adolescents in their everyday living. This course is for juniors

and seniors only. This is a full year course.

American Government: This class is a required one-semester senior class. It provides an in-depth study of the three branches of government as they relate to the 1st, 2nd and 3rd Articles of the Constitution. It also provides an in-depth study of the Bill of Rights and of various Constitutional Amendments. This class also analyzes the many controversial issues facing our society today as they relate to our constitution and our government. This course is for seniors only.

American History: The emphasis of this class is History of the 20th Century. Focusing on Political, Social, Economic and Military issues of the times. **This class is required for graduation and is a Junior/Senior class only, no freshman or sophomores.

Economics: Students study the basic economic concepts regarding scarcity, different economic systems and the relationship between individuals, households, business and government. These are basic to issues of public policy such as the budget deficit and health care reform as well as changes in the economy generated by technological changes and international competition. The goal of this class is for students to be prepared as adults to make reasoned judgments about both personal economic matters and broader questions of economic policy in a complex and changing world. **This course is required for graduation, and is taken during the senior year.

AP World History: This course can be taking by sophomores, juniors and seniors. AP World History is designed to look at developments and patterns in human existence from a non Eurocentric perspective. We will start before the first agricultural Revolution and work our way through the World Wars. It is taught at a college level and will require students to make connections from the content and apply them to their opinions and arguments. We will examine how to write an analytical thesis paper that defends a stance created from the curriculum. Reading outside of class is to be expected.

History 126 and 127:

This is a concurrent enrollment course through Western State University. First semester is a survey of American history from its European beginnings to the Civil War and second semester focuses on 1865 to present. Both semesters provide description and analysis of the historical development of politics, economics, society, and foreign policy. Attention is given to the people and forces that influenced and shaped the American experience. This by course can be taking by sophomores, juniors and seniors only.

BUSINESS DEPARTMENT

Business courses are one-semester courses. One-half credit is granted for each semester successfully completed. If you fail a semester, you need only repeat that semester.

1st Semester

Introduction to MARKETING: This course provides an introduction to the field of marketing, and is intended to develop a general understanding and appreciation of the forces, institutions, and methods involved in marketing a variety of goods and services. Topics include buyer behavior, target marketing, segmentation, positioning, developing new products, pricing, distribution, promotion, selling, and marketing management. Students will have the opportunity to develop a product, service, or event, and sell it to a specific target market.

Introduction to ENTREPRENEURSHIP: This course provides an introduction to entrepreneurial and business activities. Students will study the basics of creating, starting, financing, owning, and operating a small start-up business. Topics include business plan development, management responsibilities, and legal and ethical issues of business ownership. Students will have the opportunity to learn from small business owners in the community, and create and plan a business of their own.

Introduction to MicroComputer Applications: Students will learn how to utilize system software to manage disks, recognize program system files, manage files, manipulate the word processor to produce and print out documents, construct simple spreadsheet files, create database files, manipulate database files, develop proficiency with a graphics program, manage files and execute programs in Windows.

MOUS: This course introduces the student to the Microsoft Office User Specialist (MOUS) program, which is globally recognized as the standard for demonstrating desktop skills with the Microsoft Office suite of business productivity applications (Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Microsoft Access and Microsoft Outlook) and the Microsoft Project applications (Microsoft Project 2000 and Microsoft Project Central). With a MOUS certification, the student will demonstrate increased productivity and their ability to effectively utilize the advanced functionality of these Microsoft applications.

PHYSICAL EDUCATION DEPARTMENT

**These courses are required for freshman.

****TEAM ACTIVITIES:** Soccer, Volleyball, Floor Hockey, Basketball, Softball, Flag Football, La Crosse, Ultimate Frisbee

****Recreation Sports:** Frisbee Golf, Bowling, Calisthenics, Golf, Table Tennis, Tennis, Fitness Testing, Badminton, Games Unit, Jogging/Fitness Walking

****Intro to Weight Lifting:** Fundamentals of proper weight lifting.

Strength & Conditioning

One semester, ½ credit

Prerequisite: 1 semester of Freshman PE

Description: This course is designed for and geared toward improvements in strength, speed, agility, power, endurance as well as overall performance for any athletic endeavor. Students registering for this class are required to have a strong motivation toward improving their athleticism.

Outdoor Activities (10th-12th grade) One semester, ½ credit

Prerequisite: 1 year of Freshman PE

Description: This course is designed for and geared toward students that have a strong interest to engage in outdoor recreational activities that can be done individually or in small groups. Activities may include but are not limited to fly fishing, cross country skiing, snow shoeing, kayaking/rafting, mountain biking, disc/regular golf, and archery. This class is outside for the majority of the class period, including the winter months. Students need to have a high level of motivation and a above average level of physical fitness to complete the activities. Because of the outside nature of the course, a necessary high level of motivation and the level of physical fitness required, this course is by instructor signature only and must be accompanied by a recommendation from the Health & Fitness instructor.

FOREIGN LANGUAGE DEPARTMENT

A grade of “B” or better in their eighth grade English class is required for freshman to take Spanish at the high school. These courses are STRONGLY recommended for college-bound students.

All foreign language classes are two-semester classes that may not be started in the second semester. One-half credit is granted for each semester successfully completed. If you fail a semester, you need only repeat that semester. Must have maintained a B or above in 8th grade English to take Spanish 1 during freshman year.

Spanish I: An understanding of basic English grammar is necessary before taking these classes. These courses focus on grammar and vocabulary. Emphasis is placed on reading and writing skills, as well as listening comprehension and speaking skills. Verb conjugations and tenses, common expressions, and sentence formation will be stressed. Using appropriate vocabulary and grammatical structures, students will be able to discuss and describe every day topics. Students will also be able to ask and answer simple questions. Exposure to foreign cultures is incorporated into the curriculum.

Spanish II: Students must have successfully completed level 1 with a "C" or better before continuing to this level. These courses consist of both a review of grammar and vocabulary from level 1, as well as a continuation of studies in basic vocabulary, grammar, and culture.

Spanish III: Students must have successfully completed level 2 with a "C" or better

before continuing to this level. These courses will review units studied in the previous two years, as well as a more in-depth study of advanced grammar and vocabulary. Cultural studies will continue with more critical learning techniques.

AP Spanish IV: Students must have successfully completed level 3 with a "C" or better before continuing to this level. These courses will review units studied in the previous three years, as well as a more in-depth study of advanced grammar and vocabulary. Cultural studies will continue with more critical learning techniques. Advanced conversation and composition will be a large focus of this class.

MUSIC DEPARTMENT

Most music courses are year-long courses. One-half credit is granted for each semester successfully completed. You may enroll in Band, Concert Choir, Jazz Band, Music Analysis, and Independent Music as many times as you can work it into your schedule during your high school career.

Instrumental Music: The Salida High School Band program is open to any student grades 9-12 who has successfully completed a middle school band program or by consent of instructor. The instrumental music students perform for various concerts and music festivals, an important part of their musical growth. In addition, the band performs at various ceremonial events of the school and community. The intent of this course is to expose each student to the finest band literature available for this age level and to further develop his or her musical skills. Students receive one credit for this year-long course. Additional purchases of concert attire may be required. Other instrumental ensembles may be formed from members of this group on an audition basis.

Jazz Band: This music group is open to any student grades 9-12 who plays the appropriate instrument and is interested in performing jazz. All jazz band members must also enroll in band. Admittance to this group is by audition. The jazz ensemble plays at school concerts, jazz festivals, various community functions, and for athletic events. Students receive credit for this course and have the option of weighted credit with additional expectations.

Concert Choir: The concert choir is open to any student grades 9-12. The vocal music students perform for various concerts and music festivals, important aspects of their musical growth. In addition, the choir supports various civic and ceremonial events of the school and community. Time is spent learning the fundamentals of singing and singing with a group. The intent of this course is to expose each student to a wide variety (including classical and popular music) of the finest choral literature available for this age level and to further develop their musical skills. Students receive credit for this course. Other vocal ensembles may be formed from members of this group on an audition basis. Students may also audition for State and Honor Choirs after meeting audition criteria.

Beginning Guitar Class: This course is open to all who want to learn to play guitar. This course will cover all the basics, tuning, playing position, storage, reading music notation/tablature, and composition.

Music 100, Fundamentals of Music, Concurrent Enrollment with WSCU 3 credits (Fall Semester): An introduction to music literacy and theory. Students acquire basic skills of reading, writing, and performing music and gain an understanding of scales, intervals, chords, and transposition. The course is open to students with little or no musical background.

Music 245, History of Rock and Roll, Concurrent with WSCU 3 credits (Spring Semester): An introductory course emphasizing the history and development of Rock and Roll music. The growth and development of major historical periods of rock music and related styles will be explored through the study of historical, social, political and cultural influence. Music is selected to illustrate representative styles of music from different historical periods of Rock music and culture.

Music Independent Study Lab: This independent study class will offer several guided curriculums as well the opportunity for the student and Mr. Wilkins to create their own course based on the students musical goals. Potentially guided curriculums include keyboard basics, music technology, and radio experience through KHEN.

INDUSTRIAL ARTS DEPARTMENT

All shop classes are two semester classes, except Woods I and Crafts. One half credit is granted for each semester successfully completed.

DRAFTING 1:

Learn the fundamentals of mechanical drawing and graphic communication. Develop Skills in technical drawing. Learn properties and relationships between geometric objects and shapes. Develop problem solving techniques and strategies. Learn the basics of computer aided drafting (CAD). Learn about careers in drafting and design.

DRAFTING 2:

Drafting 2 is an extension of the skills learned in Drafting 1. Skills in technical drawing will be developed, but most of the emphasis will be on Computer aided Drafting (CAD), including skills in 3-dimensional drawing and design, as well as computer animation. Further skills in problem solving and design will also be developed. This course would be helpful to any student who will be pursuing post secondary drafting or engineering

studies, or in computer design, animation, or gaming.

DRAFTING 3 & 4:

Drafting 3 & 4 students will apply skills and concepts learned in Drafting 1 & 2 to further their drafting, design, and engineering skills in areas of their choice. After some (usually 10-12) drawings assigned for the purpose of reviewing skills, the drafting 3 student will be able to perform in a more independent learning environment. They will choose an area (or more) of interest and develop drafting and design skills that pertain to that area of study.

WOODS 1

Learn the fundamentals of woodworking.

Develop Skills using tools and machines.

Learn to design and build quality wood projects.

Develop problem solving techniques and strategies.

Learn about careers in woodworking.

BUILDING TRADES/ADVANCED WOODS

The Construction Technology program offers its students a unique opportunity to gain academic and on-the-job training experiences. The program is designed to prepare graduates for positions within the residential housing construction industry. These positions generally include carpenters, lead-positions for framing and finish carpentry, supervisory management, sales, material estimating, and job costing. Many graduates seek employment in related fields of the residential housing industry. This typically includes positions for building material suppliers and other related industries.

AUTOMOTIVE TECHNOLOGY PROGRAM INFORMATION

The automotive technology program of Salida High School is a two-year program with open-exit enrollment and prepares students for entry level job positions in the automotive industry. Students will be able to function as apprentice technicians in the general diagnosis and repair of automobiles. The students in this program range from grades 10 through 12. The program provides classroom theory, as well as hands-on experience utilizing industry donated and live vehicles. The use of individualized instruction is also incorporated into the program. Industry produced training videos and auto repair manuals are other resources utilized.

The program is divided into Junior Auto and Advanced Auto. Students in Junior Auto will be exposed to and have the opportunity to practice the tasks listed for that course. Students in Advanced Auto will be taught the same skills, but at a higher level and will become competent in the tasks practiced. Upon completion of the Advanced Auto course, students will be given Basic and Applied Academic Skills exams to measure gains. They will also be given an ASE equivalent test to measure competence in the area of study.

It is our goal to prepare you for the real world of auto repair.

General Auto Mechanics: This is an introductory class in auto mechanics open to all students who are interested in learning the basics of auto operation, maintenance, and car care. It combines hands on and classroom instruction. This is a one-hour, one-semester class.

Junior Auto Mechanics: This class is designed to meet the needs of students with a vocational interest in automotive technology. The class is an extensive training program utilizing individualized instruction to ready the student for advanced auto and the auto industry. This is a two-hour course and carries one credit per semester and two credits per year.

Advanced Auto: A continuation of junior auto will ready the student for entry level job positions in the auto industry. This is a two-hour course and carries one credit per semester and two credits per year.

Unmanned Aircraft System: This is the first semester of a two semester course that will introduce students to the world of UAS (unmanned aircraft system) or drones. There is rapidly growing industry that is ripe for jobs, particularly entrepreneurs. The course will help students complete ground school, which is the first step in gaining a pilot's licenses, both manned and unmanned. The course will also ensure students have the hands on knowledge to pilot and repair drones. The course will utilize both micro Unmanned Air Systems (UAS) and FAA registered small Unmanned Air Systems (sUAS) . The course will culminate in an entrepreneurial project.

Fiber Arts: The course introduces students to making things from yarns, fabrics, and other natural and synthetic fibers. Students will be exposed to crocheting, knitting, sewing, etc.

ART DEPARTMENT

All art courses are year-long elective classes, and the student may not begin a two-semester course in the second semester. One-half credit is granted for each semester successfully completed.

Art I: The Art I program is designed to reinforce and build on knowledge and skills developed at the elementary and middle school levels. It is the foundation level for art study throughout high school. The course is primarily devoted to deliberate and systematic presentations of various art processes, procedures, theories, and historical developments. Students will have experiences in producing two-dimensional and three-dimensional artworks. The Art I program emphasizes the study of the elements of art, the principles of design, color theory, vocabulary, art criticism, art history, safety in the art room, and proper use and storage of art tools. Students are provided a strong foundation in design, drawing, painting, ceramics, printmaking, and multicultural art.

Art II: The prerequisite for Art II is Art I. The Art II program builds on students'

technical skills and foundation of knowledge developed in Art I. The study of the elements of art, principles of design, color theory, vocabulary, and art history continues in Art II in a less teacher-directed situation. Various art processes, procedures, and theories are presented in a problem-solving manner, which allows for independent choices and personal solutions to problems. The approach to art experiences is less experimental and based more on informed choices. A greater flexible and fluent use of the elements of art and principles of design, color theory, and vocabulary is stressed in Art II. Student skills are expanded in foundations of design, drawing, painting, ceramics, printmaking, and multicultural art.

ART III ADV DRAWING/PAINTING

Advanced Drawing: Successfully completing Foundations I and Foundations II are the prerequisites for Advanced Drawing. The Advanced Drawing program builds on drawing skills and concepts learned from Foundation II. The class also offers a more in-depth approach to the study of art processes and techniques related to drawing media, aesthetic issues, criticism, historical and cultural contexts, and personal interpretation and philosophy. Students learn to form goals, become familiar with careers in art related to drawing, and develop work habits of professionals. Knowledge of the arts in relation to culture, history, other disciplines, and careers will be promoted through visual, verbal and written means. Advanced Drawing students will assemble a digital drawing portfolio based on technical quality, personal style, direction, and intended purpose.

Advanced Painting: Successfully completing Foundations I and Foundations II are the prerequisites for Advanced Painting. The Advanced Painting program builds on painting skills and concepts learned from Foundation II. The class also offers a more in-depth approach to the study of art processes and techniques related to painting media, aesthetic issues, criticism, historical and cultural contexts, and personal interpretation and philosophy. Students learn to form goals, become familiar with careers in art related to painting, and develop work habits of professionals. Knowledge of the arts in relation to culture, history, other disciplines, and careers will be promoted through visual, verbal and written means. Advanced Painting students will assemble a digital painting portfolio based on technical quality, personal style, direction, and intended purpose.

Advanced Digital Photography: Successfully completing Foundations I and Foundations II are the prerequisites for Advanced Digital Photography. Advanced Digital Photography requires the use of a personal digital camera, (some exceptions considered). The Advanced Digital Photography program builds on photography skills and concepts learned from Foundation II. The class also offers a more in-depth approach to the study of art processes and techniques related to digital photography media, aesthetic issues, criticism, historical and cultural contexts, and personal interpretation and philosophy. Students learn to form goals, become familiar with careers in art related to photography, and develop work habits of professionals. Knowledge of the arts in relation to culture, history, other disciplines, and careers will be promoted through visual, verbal and written means. Advanced Digital Photography students will assemble a photography portfolio based on technical quality, personal style, direction, and intended purpose.

Advanced Graphic Design: Successfully completing Foundations I and Foundations II are the prerequisites for Advanced Graphic Design. Advanced Graphic Design requires basic knowledge of Adobe CS. The Advanced Graphic Design program builds on graphic skills and design concepts using a computer. The class also offers a more in-depth approach to the study of art processes and techniques related to graphic design media, aesthetic issues, criticism, historical and cultural contexts, and personal interpretation and philosophy. Students learn to form goals, become familiar with careers in art related to graphic design, and develop work habits of professionals. Knowledge of the arts in relation to culture, history, other disciplines, and careers will be promoted through visual, verbal and written means. Advanced Graphic Design students will assemble a digital graphic portfolio based on technical quality, personal style, direction, and intended purpose.

AP 2D STUDIO DESIGN: The AP 2D Studio Design class is a program designed to offer advanced art students who are seriously interested in the practical experience of two-dimensional art. AP Studio Art is not based on a written examination. It is based on student portfolios for evaluation at the end of the year by the AP College Board. AP Studio Art Portfolios require students to show a fundamental competence and range of understanding visual concerns and methods. Students will work in three major components; Concentration – the investigation and process of discovery, Breadth – demonstration of serious grounding in visual principles, materials, and techniques, and Quality – the selection of works that best exhibit a synthesis of form, technique, and content. At the end of the year AP Studio Art students will submit portfolios to be evaluated by artist-educators on the AP College Board. Each component is reviewed independently based on criteria for that section and each component carries equal weight.

SPECIAL EDUCATION DEPARTMENT

Beginning 2010-2011, resource classes will have “RBI” in front of the course titles. All Resource Based Instruction (RBI) classes are two-semester classes. RBI classes are for students whose needs were identified in an Individual Education Program (IEP) and were placed in these classes because this type of instruction best meets their academic challenges. RBI classes will use transition-oriented curriculum to help students achieve success for life beyond high school. Not all courses may be offered each semester.

One-half credit is granted for each semester successfully completed. If a student fails a semester, he/she need only repeat that semester. **Every effort will be made to allow students to access general education classes (Least Restrictive Environment) that may have similar components to those offered through the special education department.**

**RBI Personal Communication Skills (PCS)
Grade: 9/10**

Year Course 1.0 Credits

Prerequisites: IEP Team Recommendation

Graduation Requirement: Technology and credit recovery for some English Classes

SHS requires one (1) credit of a technology based class for graduation. This course is designed to be used as an alternative class for students who cannot independently achieve in a general education word processing or microcomputer applications class. It can also be used for credit recovery if a student has not passed either of those classes in previous years. PCS can also be used for credit recovery for some English content areas.

Major Projects: Projects relate to the units being taught. Students may also bring reports/projects from their general education classes to this class to help build their skills and to help them complete word processed based assignments.

**RBI Social Skills Training
& RBI Work Place Readiness
Grade: 9-12**

Each One Semester .5 Credits

Prerequisites: IEP Team Recommendation

Graduation Requirement: Elective but may receive administrator approval for Social Studies

Social Skills Training is designed to teach and support an understanding of social interactions and appropriate responses for students who may experience social awkwardness. A variety of social skills will be introduced and practiced through role playing, discussions, illustrations, personal journaling and video based instruction. The first semester will focus on personal and school related social situation and self-advocacy. The second semester will focus on extending social skills into employment and adult living situations beyond high school.

Major Projects: To be determined.

**RBI Academic Achievement
Grade: 9-12**

One Semester .5 Credits

Prerequisites: IEP Team Recommendation

Graduation Requirement: Elective

The Academic Achievement class supports students in the completion of academic tasks assigned in their general education classes. This class allows students time to complete general education homework and tests. This class differs from the tradition study hall in that students do receive periodic direct instruction in organization, learning, and study strategies. Students work with their primary provider or an aide on a daily basis. This supports IEP goals and general education academic success.

****Daily Homework: Parents and students understand that a 52-minute study hall is not enough time to complete assigned work. Homework is a natural part of the education process and students will need to take homework home that cannot be completed during this period.****

RBI Skills for Life Management**Year Course 1.0 Credits****Grade: (9)/ 10-12****Prerequisites:** IEP Team Recommendation**Graduation Requirement:** Elective

This course is in cooperation with the Family and Consumer Studies Department and focuses on food and nutrition, health and healthy relationships, safety and clothing care. Each quarter will allow students the opportunity to participate in activities that are designed to help them with daily life skills. Students and parents will be required to sign safety agreements and abide by the vocational FCCLA state policies.

Major Projects: In class cooking, health and clothing projects only. Students may be asked to supply basic cooking or clothing items during some units.