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**HIGH SCHOOL**



**2011-2012  
CURRICULUM  
GUIDE**

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# PAUL M. DORMAN HIGH SCHOOL

1050 Cavalier Way  
Roebuck, South Carolina 29376  
Phone: 864-582-4347



Jerry Wyatt  
Principal

Dear Cavaliers:

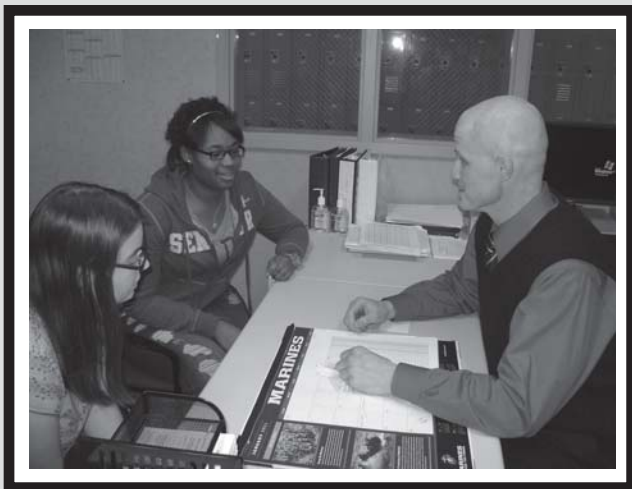
I hope you are experiencing a wonderful school year. Believe it or not, it is time to make plans for the 2011-2012 school year. I trust that you will include your parents in the decision-making process.

Course registration and student advisement will begin in early February. This booklet was printed in order to help you select courses that will enable you to attain your educational goals. I encourage you to review this booklet carefully so that you can make informed decisions regarding your course of study for the upcoming school year.

I encourage you to select the most rigorous courses that you feel you can successfully complete. By doing so, you will be better prepared to meet the challenges that face you upon graduation. Best wishes as you plan for a successful 2011-2012 school year!

Sincerely,

Jerry M. Wyatt  
Principal



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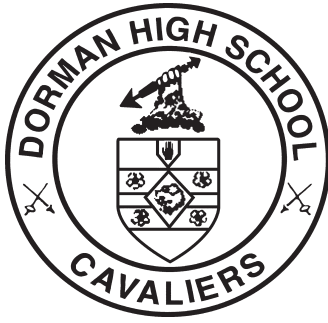
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### Mission Statement

Spartanburg School District Six, where children are always first, ensures the highest quality education for all children by providing a highly qualified staff, a challenging curriculum, first class facilities and a nurturing environment.



# General Information

# Graduation Requirement Guidelines

Subjects	SC Diploma Requirements  24 Units	Dorman Academic Diploma  27 Units
English/ Language Arts	4 units	4 units
Mathematics	4 units	4 units
Science +	3 units	3 units
US History & Constitution	1 unit	1 unit
Economics	½ unit	½ unit
US Government	½ unit	½ unit
Other Social Studies	1 unit	1 unit
Physical Education or JROTC	1 unit	1 unit
Computer Science*	1 unit	1 unit
Occupational Specialty <b>OR</b> Foreign Language	1 unit	1 unit
Core Units	17 Units	17 Units
Electives	7 Units	10 Units
Total Units	24 Units	27 Units
Exit Exam	Exit Exam	Exit Exam

+ One of the three science units must be Physical Science or an EOC tested course.

\*As defined in the Courses Booklet

\*\* Occupational classes include classes offered at R. D. Anderson Applied Technology Center, advanced computer, business technology and vocational classes offered at Dorman High School.

Requirements may be subject to change pursuant to State Department of Education directives.

## Entrance Requirements for South Carolina Public Colleges and Universities

### College Preparatory Course Prerequisite Requirements

**FOUR UNITS OF ENGLISH:** At least two units must have strong grammar and composition components, at least one must be in **English literature**, and at least one must be in **American literature**. Completion of **College Preparatory English I, II, III, and IV** will meet this criterion.

**THREE UNITS OF MATHEMATICS:** These include **Algebra I** (for which **Applied Mathematics I and II** may count together as a substitute if a student successfully completes **Algebra II**), **Algebra II**, and **Geometry**. A **fourth higher-level mathematics course** should be selected from among **Algebra III/trigonometry, precalculus, calculus, statistics, discrete mathematics**, or a **capstone mathematics course** and should be taken during the senior year.

**THREE UNITS OF LABORATORY SCIENCE:** Two units must be taken in two different fields of the physical or life sciences and selected from among **biology, chemistry, or physics**. The third unit may be from the same field as one of the first two units (**biology, chemistry, or physics**) or from **any laboratory science** for which **biology** and/or **chemistry** is a **prerequisite**. Courses in earth science, general physical science, or introductory or general environmental science for which **biology** and/or **chemistry** is **not** a prerequisite will not meet this requirement. It is strongly recommended that students take physical science (taught as a laboratory science) as a **prerequisite** to the three required units of laboratory science outlined in the section. **It is also strongly recommended that students desiring to pursue careers in science, mathematics, engineering or technology take one course in all three fields.**

#### TWO UNITS OF THE SAME FOREIGN LANGUAGE

**THREE UNITS OF SOCIAL SCIENCE:** One unit of **U.S. History** is required; a half unit of **Economics** and a half unit in **Government** are strongly recommended.

**ONE UNIT OF FINE ARTS:** One Unit in Appreciation of, History of, or Performance in one of the fine arts.

**ELECTIVES:** One unit must be taken as an elective. A college preparatory course in **Computer Science** (i.e., **one involving significant programming content, not simply keyboarding**) is **strongly recommended for this elective**. Other acceptable electives include college preparatory courses in **English; fine arts, foreign languages; social science, humanities; laboratory science** (excluding earth science, general physical science, general environmental science, or other introductory science courses for which **biology** and/or **chemistry** is not a prerequisite); or **mathematics above the level of Algebra II**.

#### ONE UNIT OF PHYSICAL EDUCATION OR ROTC

## Planning Your Education

Dorman High School's counselors assist students in planning their programs of study in order to meet the goals they and their parents have established. Counselors also help students reassess their goals based on personal motivation, academic success, standardized test scores, and developing interests. The guidance and counseling program is implemented through classroom guidance activities, individual review of transcripts and career plans, and various workshop opportunities. Counselors also invite and encourage active parent participation. Counselors may be reached during school hours by calling 582-4347.

## Scheduling Procedure

Course registration and student advisement begin in early February. Students are encouraged to choose courses carefully. Counselors will meet with all students individually or in small groups to review the student transcripts, review registration cards and update six-year plans.

Students are encouraged to carefully read the curriculum guide. Course selections are scheduled based upon students' requests, and students are randomly assigned to course sections. A student is not required to take a course under a teacher with whom he/she has failed during prior semesters. In addition, students are not allowed to take a course under a relative if another teacher is available.

Due to schedule conflicts and changes in course offerings, the staff cannot guarantee that students will be scheduled for all of the courses they request. Students should therefore choose alternate courses carefully, because they are considered part of the student's final course selection.



## THE REGISTRATION PROCESS

Each student is expected to:

1. Carefully read the Curriculum Guide.
2. Use his/her transcript and listed requirements for graduation to select courses carefully.
3. Complete the registration card by following the listed instructions.
4. Consult with teachers to get **teachers' signatures**. Class time will be given for students to receive advisement and get signatures from teachers.
5. Discuss course selections with parents and obtain parent's signature on the bottom of the registration card.
6. Choose courses carefully alongside their parents. Guidelines in the SC Uniform Grading Scale outline the consequences for students who withdraw from a course. Without a parent's signature, the course requests may not be handled in a timely manner.
7. Turn in the completed registration card with appropriate signatures to their second period teacher by the designated date.
8. Review the verification of course selections with parents when the verification form is received in May.
9. Make corrections/changes by the last day of the school year.

## MINIMUM COURSE LOAD

At Dorman High School, sophomores and juniors are required to take four (4) courses each semester. Seniors are encouraged to take three (3) courses each semester or two (2) Dorman High School courses and at least one college credit-bearing (dual enrollment) course each semester.

## COURSE CHANGE POLICY

Students will receive a form verifying their course requests following the completion of the registration process. These verification forms allow students to review their requests and make appropriate changes. Once the master schedule is created, students must complete a "Schedule Change Request Form" to have any desired course changes considered.

Only seniors who are enrolled in four (4) classes may drop one course without penalty during the first five (5) days in a 90-day semester course or the first three (3) days in a 45-day nine weeks course. Seniors who withdraw from a class after the designated day of the semester will receive a "WF" (**w**ithdrew **f**ailing) on their transcript. The F will be calculated in the student's overall grade point average/ratio.

The three (3) day and five (5) day limitations for withdrawing from a course without penalty do not apply to course or course level changes initiated by the administration of Dorman High School. Level changes will be honored if class space is available.

## RETAKE THE SAME COURSE

Students may retake the same course under the following conditions:

- Only courses in which a grade of a D or F was earned may be retaken.
- The course in which a D or F was earned may be retaken no later than the following academic school year.
- The student's record will reflect all courses taken and the grade earned, with the following exception:

Students taking courses for a Carnegie unit prior to their 9th grade year may retake any such course during their 9th grade year. In this case, only the 9th grade retake grade will be used in figuring the student's GPA and only the 9th grade attempt will show on the transcript. This rule will apply whether the grade earned is higher or lower than the pre-ninth grade attempt.

## ADVANCED PLACEMENT PROGRAM (AP)

The AP program at Dorman High School enables students to pursue college-level studies while still in high school. Every student taking an AP course at Dorman High School is required to take the AP exam that matches that course. Based on the student's performance on an AP examination, a student may earn credit and/or advanced placement in the related college course.

Any student enrolled in an AP class will take the AP exam for that class. (The SC Department of Education pays the fee for the AP exam.) If a student fails to take an AP exam or attempts to leave the exam before the testing period is over, he/she will lose the quality point that is assigned to the AP grade and will be required to pay for the AP exam.

AP students must attend all classes when they are not actually taking an AP Exam. These students will be marked "Testing" for the exam period only. AP students should plan to attend all AP review sessions scheduled for an AP exam. Students may enroll in AP courses at Dorman High School by completing prerequisite courses and obtaining the required teacher recommendation.

## DUAL ENROLLMENT

Seniors may choose to participate with area colleges in a high school/college joint enrollment program. Students must receive permission from Dorman High School to enroll in courses that will earn dual credit, i.e. Carnegie units from Dorman and credit at another institution.

College courses that count as three (3) hours of credit at the college level will transfer as 1 Carnegie unit. The student is responsible for the cost of tuition and text(s) and ensuring that the transcript is sent to the Registrar.

See page 37 for dual courses offered at Dorman High School.

See "Converting Grades or Transcripts" for dual enrollment grade conversion.

## STEM

The STEM program is designed for students who have shown exceptional abilities and motivation in blending science, technology, engineering and math. The challenging secondary curriculum provides students with honors/AP courses, along with research and internship opportunities. Students are accepted into the program at the end of the eighth grade. Admission is based on teacher recommendation and test scores.

## SUMMER SCHOOL

A Dorman student must obtain written authorization from the principal to receive credit for summer work taken at another school; this authorization must be acquired **prior** to the student's enrollment in the summer program.

## BEYOND THE BELL

Students wishing to earn additional credits for a high school diploma may choose to attend Beyond the Bell. Classes meet Monday through Thursday with hours being from 4:00 until 7:15 p.m. Course offerings depend on student requests. Interested students should see their guidance counselor for more information.

## GRADE CLASSIFICATION

In order to be promoted to the next grade classification, students must meet the following requirements:

**Freshman/9th grade:** All students just promoted from grade 8 or any student who does not pass grade 9.

**Sophomore/10th grade:** All students who have earned credit for English 9, a required mathematics course, and two other courses.

**Junior/11th grade:** All students who have successfully completed at least nine units of credit; these nine units must include English 9 and 10 and two units of math.

**Senior/12th grade:** All students who have successfully completed 15 units of credit — two of these must be English 9 and 10 — and who will be able to complete the remaining number of required courses for graduation by the end of summer school.



## CONVERTING GRADES ON TRANSCRIPTS

When transcripts are received from accredited out-of-state schools (or in state from accredited sources other than the public schools) and numerical averages are provided, those averages must be used in transferring the grades to the student's record. If letter grades with no numerical averages are provided, this conversion will apply: A=96, B=88, C=80, D=73, F=61. If the transcript indicates that the student has earned a passing grade in any course in which he or she had a numerical average lower than 70, that average will be converted to a 73 numerical grade on the new scale.

## SOUTH CAROLINA ASSESSMENTS

### *High School Assessment Program (HSAP) Exit Examination*

HSAP is the high school assessment program. Students taking the HSAP will be tested on selected South Carolina curriculum standards in English, language arts, and mathematics. Student performance on these standards will be assessed using four different achievement level scores: Level 1 - below basic, Level 2 - basic, Level 3- proficient, and Level 4 - advanced. A student must score Level 2 or higher on each test in order to meet the graduation requirement.

Students in the second year, after their initial enrollment in the ninth grade, take both parts of the HSAP in the spring. Students are given at least five (5) opportunities to pass all sections of the HSAP.

**Note: Students who do not meet standards in any of the areas tested on HSAP must enroll in a remediation course for the subject area where the standard was not met.**

### *End-of-Course Examination Program (EOCEP)*

The Education Accountability Act of 1998 requires end-of-course examinations in selected gateway or benchmark courses for grades nine through twelve. End-of-course examinations will be given when the student completes one of the following courses: Algebra I/Math Tech II, English 9, Biology, and U.S. History: Colonial Period-Present. The end-of-course exam will count 20% of the student's final grade in the course.

## PRE-COLLEGE ENTRANCE ASSESSMENTS

### *PLAN/PSAT*

Dorman High School administers the PLAN assessment to all tenth graders. The PLAN, a practice ACT College Entrance test, is a comprehensive guidance resource that helps students measure their current academic development, explore career/training options, and make plans for the remaining years of high school and post-graduation years. This assessment tool helps tenth graders build a solid foundation for future academic and career success and provides information needed to address school districts' high-priority issues.

Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT). PSAT/NMSQT is a standardized test that provides firsthand practice for the SAT. All tenth graders are required to take the PSAT at Dorman High School. Any student who wants an opportunity to qualify as a National Merit recipient should register to take this test during his/her junior year.

## COLLEGE ENTRANCE ASSESSMENTS

### *American College Testing Assessment (ACT)*

The ACT Assessment is designed to assess high school students' general educational development and their ability to complete college-level work. The tests cover four skill areas: English, mathematics, reading, and science. ACT Assessment tests are universally accepted for college admission. For more information, visit [www.act.org](http://www.act.org) or see your guidance counselor.

### *Scholastic Aptitude Test (SAT)*

The SAT I is a test that measures the verbal, mathematical reasoning, and writing skills students have developed over time. Many colleges and universities use the SAT as one indicator of a student's readiness to do college-level work. Students, typically high school juniors and seniors, receive a verbal score, a math score, and writing score for the SAT I. The score for each section ranges from 200 to 800. The test is administered several times a year. For more information, visit [www.collegeboard.com](http://www.collegeboard.com) or see your guidance counselor for registration information.



# Types of Diplomas

Below are descriptions of the different types of high school diploma program documents that can be awarded and the requirements that a student must meet in order to qualify to receive each particular type of document.

## S.C. HIGH SCHOOL DIPLOMA

- For a student to receive a state high school diploma, the student must: (1) complete a minimum of twenty-four units of credit as prescribed by the state; (2) meet the standard on all subtests of the Exit Examination – High School Assessment Program (HSAP).
- The prescribed unit requirements for a state high school diploma are as follows: language arts, four; math, four; physical education or JROTC, one; U.S. history, one; economics one-half; American government, one-half; other social studies, one; science, three; computer science, one; foreign language or career and technology education, one; and electives, seven.

## ACADEMIC HONORS AWARD

- For a student to receive an Academic Achievement Honors Award, the student must: (1) complete twenty-four units of high school credit as prescribed; (2) meet the standard on all subtests of the Exit Examination; (3) receive a minimum grade of “B” for each semester course in grades 9-12 through the seventh semester; and (4) achieve either a score of 710 on the SAT Critical Reading or a score of 690 on the SAT math, or an ACT score of 30 on English or 33 on mathematics - OR – (1) complete twenty-four units of high school credit as prescribed; (2) be eligible for graduation with a state high school diploma; and (3) have a combined score of 1400 on the SAT critical reading and math sections, or an ACT composite score of 31.

- Of the twenty-four units earned, eighteen units must be college preparatory coursework, four units in additional electives, and two units in one or more of the following: English, science, social studies, or mathematics.

- College preparatory coursework includes: English [English I or above] (four units); mathematics [Algebra I or above] (four units); laboratory science (three units);

social studies [United States/South Carolina studies, economics/government, and one unit of global studies/world history, global studies/world geography, or western civilization] (three units); computer science (one unit); physical education (one unit); and foreign language (two units).

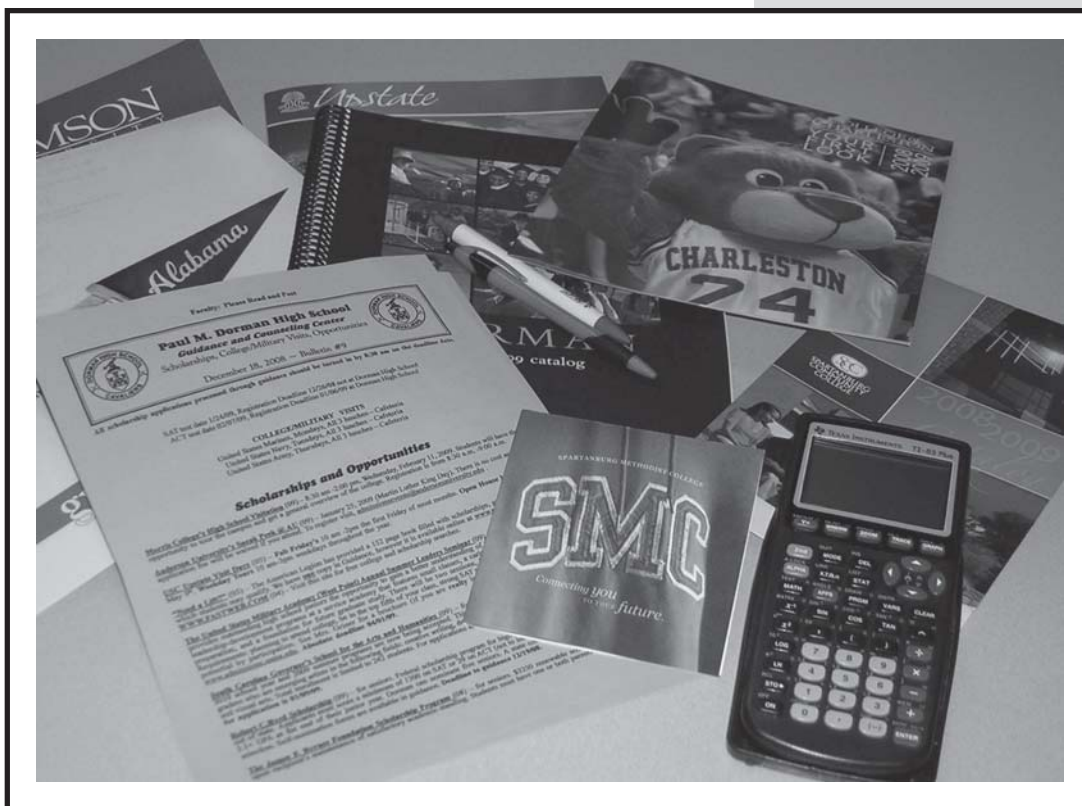
## DORMAN HIGH SCHOOL ACADEMIC DIPLOMA

A student must earn twenty-seven units and have passed the Exit Examination. Students who receive a Dorman Academic Diploma will also receive the South Carolina High School Diploma.



## THE LIFE SKILLS DIPLOMA

Students must be enrolled in a Life Skills Program and earn 24 credits in a combination of Life Skills, academic and vocational/employment courses. Based on Life Skills Curriculum standards, the Life Diploma is awarded by Spartanburg School District 6.



# Course Information

# Course Offerings

## ~ ENGLISH ~

*Placement in required English classes is by teacher recommendation based upon test scores and grades. Parents must have a conference with their student's English teacher before the recommended placement can be changed. All required English courses require teacher recommendation and signature on registration materials. Listed below are the English courses that count for English credit.*

### ENGLISH 9

**1 Unit Grade: 9 301101CW**

*Prerequisite: Teacher recommendation*

This course is designed to provide students with the skills and knowledge central to a language arts program. The students will receive instruction in language, oral and written communication skills, and literature. The language component of the course will include the history of the English language, grammar, usage, and word study. Students will focus on developing clarity, organization, purpose, and content in their oral and written communications. Students will learn to recognize major literary elements and recurring themes. The state-mandated 'End-of-Course Test' for English 9 will be the final exam in this course. This test will count for 20% of the student's final grade in English 9.

### ENGLISH 10 - Literature

**1 Unit Grade: 10 301201CW**

*Prerequisite: Teacher recommendation*

This course is designed to provide students with the skills and knowledge central to a language arts program. The students will receive instruction in language, oral and written communication skills, and literature. The language component of the course will include grammar, usage, and word study. Students will focus on developing clarity, organization, purpose, and content in their oral and written communications. Students will learn to recognize major literary elements and recurring themes. Students will receive instruction that emphasizes the state-defined standards necessary to pass the South Carolina High School Assessment Program in the context of literature and composition. Students who enroll in this course must also enroll in the English 10-Writing course. **This course will count for one unit of required English credit.**

### ENGLISH 10-Writing

**1 Unit Grade: 10 309901CW**

*Prerequisite: Teacher recommendation*

This course is a study of composition, research skills, and test-taking strategies. Students will acquire a vocabulary that enables them to discuss sentence structure, mechanics, and word usage. Students will also study style and organization. Another component of the course is the teaching of research skills and documentation form. Students will receive instruction that emphasizes the state-defined standards necessary to pass the South Carolina High School Assessment Program in the context of literature and composition. **All students enrolled in English 10 Literature must take this course. This course carries one unit of Elective English credit.**

### ENGLISH (11) 302100CW

**1 Unit Grades: 11-12 (12) 302200CW**

*Prerequisite: Teacher recommendation*

These courses cover traditional language topics, English usage, technical writing, word study, and literature, but from a perspective of practical application in the technological world. Instruction is geared toward developing better human relations skills; course content includes clear, concise, and organized communications skills in both oral and written forms for job related needs. These courses focus on the reading and information-processing skills needed to keep pace with the rapidly changing demands of the workplace. Eleventh grade students will study American literature; twelfth grade students will study British literature.

### ENGLISH (CP)

**1 Unit Grades: 10-12 (10) 301200CW**

**(11) 301300CW**

**(12) 301400CW**

*Prerequisite: Standard or better scores on 9th grade English 'End-of-Course Test'/HSAP, standardized reading scores at or above the 50th percentile*

In the English college-preparatory courses, college-bound students study language, composition, and literature. These courses include the complete spectrum of language study: grammar, usage, semantics, dialects, history, etc. These courses provide students with an opportunity to study and analyze a variety of literary works and genres. Students will hone their composition skills as they prepare papers and oral presentations that display their ability to interpret literary selections and enhance language skills. Eleventh grade students will study American literature; twelfth grade students will study British literature.

## HONORS COMPOSITION AND RESEARCH

1 Unit Grade: 10 - 11 303000HW

Prerequisite: English 9 Honors/Teacher recommendation

This rigorous course is designed to ensure a strong foundation in language arts skills that will prepare students for AP Language and AP Literature. Students write analytical essays, but have opportunity to write narrative, descriptive, and creative pieces as well. The study of grammar provides a common vocabulary for discussing sentence structure, mechanics, and usage. The class will also address SAT essay and multiple choice grammar questions. The class includes an introduction to argumentation. The teaching of research skills and documentation form is a substantial component of the course.

## ENGLISH PRE-AP/HONORS

1 Unit Grade: 10 301200HW

Prerequisite: English 9 Honors/Teacher recommendation

This course is a part of the Pre-AP/Honors English program of accelerated courses designed for the mature student who has demonstrated exceptional ability in language arts. The acceleration is designed to prepare students for Language and Composition AP in the 11<sup>th</sup> grade and Literature and Composition AP in the 12<sup>th</sup> grade.

The five courses in this program emphasize critical analysis, written and oral composition, vocabulary building, and language study. Independent study that supplements classroom instruction is required in each course. Once accepted, students are expected to complete the full program. A major component of the 10<sup>th</sup> grade pre-AP/honors course will be a study of American literature.

## ENGLISH 11 HONORS

1 Unit Grade: 11 301300HW

Prerequisite: English 10 Pre-AP/Honors and Hon. Composition/Research

This course is a survey of British literature on the honors level. Students will write essays in which they analyze themes and tones of passages. Literary elements such as diction, imagery, structure, and choice of detail are emphasized. Students will leave the course with exposure to major British writers and a vocabulary that will prepare them for serious college study or entrance into an AP classroom.

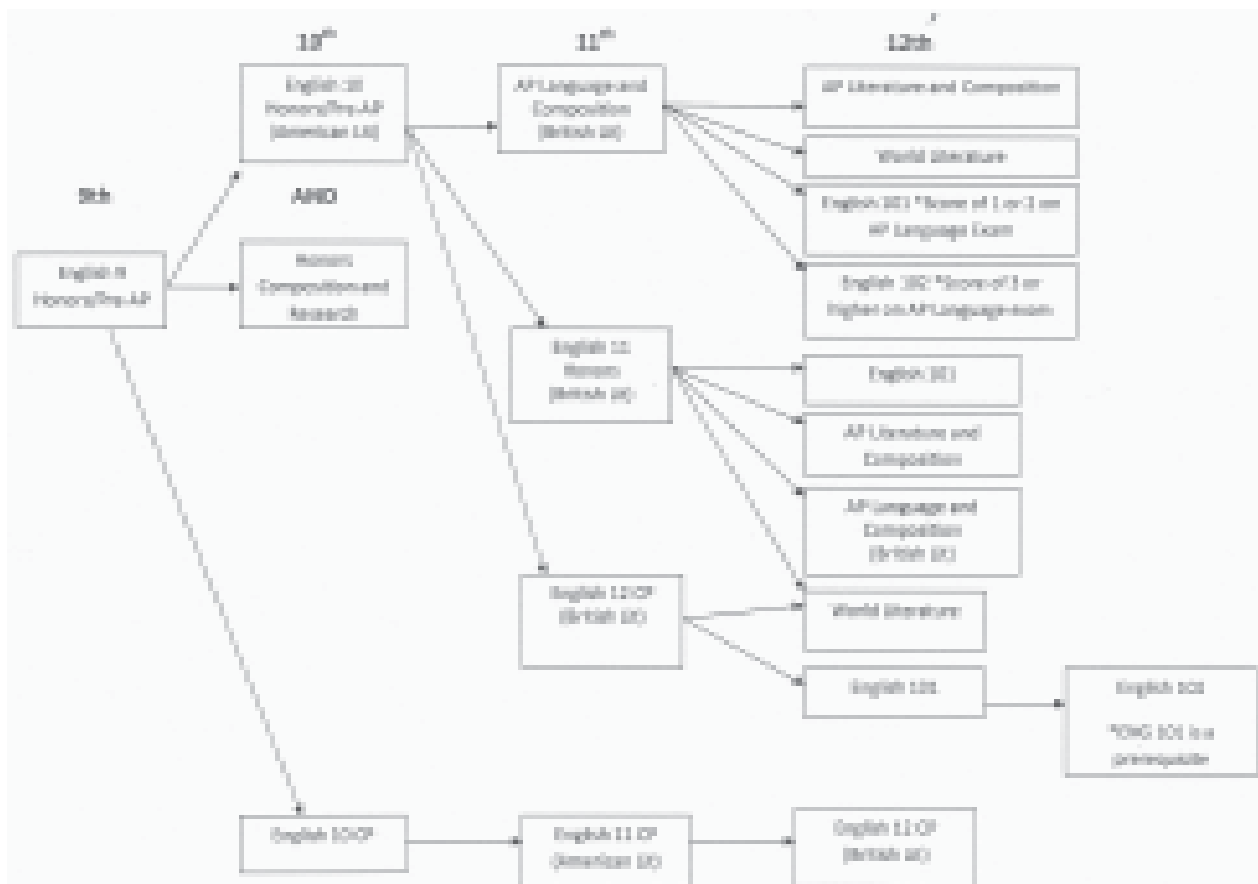
## ENGLISH LANGUAGE AND COMPOSITION AP

1 Unit Grade: 11 307100AW

Prerequisite: English 10 Pre-AP/Honors and Hon. Composition/Research

This college level course is designed for thoughtful, highly

Dorman High School Honors and Advanced Placement English Flow Chart



motivated students who will take the AP Language and Composition Examination. While the course includes some drama, fiction, and poetry, most of the reading will be short nonfiction that will vary widely in subject, style, and historical period. Students will analyze how language is used in a wide range of texts and contexts and engage in argumentation on a variety of subjects. The longer texts will come primarily from British literature. Students enrolled in the fall course should attend all of the review sessions in the spring.

## **ENGLISH LITERATURE AND COMPOSITION AP**

**1 Unit Grade: 12 307000AW**

*Prerequisite: English Language and Composition AP or 11 Honors with a teacher recommendation & writing sample from an AP prompt.*

This course, designed to prepare students for the Advanced Placement exam in English, is equivalent in style and standards to a freshman level college course. The student enrolled in this course will acquire skills that facilitate literary analysis and critical writing. The course surveys a wide range of the most respected works in literature so that the students will develop a literary background that sufficiently prepares them for the AP test. Students enrolled in the fall course will be expected to attend after-school review sessions in the spring.

## **WORLD LITERATURE**

**1 Unit Grade: 12 301401CW**

*Prerequisite: Language and Comp AP or English 12 CP, English 11 Honors*

This course is designed around a study of genres using a sampling of the most notable world authors. Designed for college-bound students, the course provides instruction in which language, composition, and literature are closely interrelated. The complete spectrum of language study (grammar, usage, semantics, dialects, history of language, etc.) is included. (Not for honors credit)

## **– ENGLISH ELECTIVES –**

### **COLLEGE PREP COMPOSITION AND RESEARCH**

**1 Unit Grade: 10-12 303000CW**

*Prerequisite: A “C” or better in College Prep English.*

This class is designed to ensure a strong foundation in language arts skills that will prepare our students for college. Students will analyze both fiction and nonfiction writings for syntax, tone, diction, imagery, and theme. Students will write analytical essays, but will also have the opportunity to write narrative, descriptive, and creative pieces as well. The class will also focus on a study of grammar that will provide a common vocabulary to improve their writing. This class will also address the SAT essay and multiple choice grammar questions, research skills, and accurate documentation skills.

## **CLASSICAL MYTH/ARTHURIAN LEGEND**

**½ Unit Grades: 10-12 309910/11CH**

*Prerequisite: None*

**CLASSICAL MYTHOLOGY:** This course will acquaint students with the major characters and stories in Greek, Roman, and Norse mythology as well as other literature. This course forms the background for the classical references with which most literature is replete and is offered in conjunction with The Arthur Legend Cycle. (1/2 unit)

**THE ARTHUR LEGEND CYCLE:** This course covers the treatment of Arthurian legend from Mallory to the present day. Topics of study include the question of the hero, the excavation of Caer Uch Van and the quest for the unattainable. An historical study will include discussion of Eleanor of Aquitaine’s Courts of Love and the medieval ideal of chivalry. This course will be offered in conjunction with Classical Mythology. (1/2 unit)

## **ASSET PREP ENGLISH**

**1/2 Unit Grade: 12 309912CH**

*Prerequisite: Completion of English 11 or IICP*

This course reviews skills necessary for passing the ASSET test, including, but not limited to the study of grammar and usage, basic comprehension and composition skills, and text analysis. Students will also develop clarity, organization, purpose and content in their written communication as they write narrative, descriptive, creative, and expository pieces. Students who plan to enter Spartanburg Community College or any other technical school must pass the ASSET in order to remain eligible for the SC Life Scholarship.

## **CREATIVE WRITING**

**1 Unit Grades: 10-12 303200CW**

*Prerequisite: None*

Creative Writing is designed for the student who enjoys writing and wants an outlet for his/her expression and an opportunity to practice different kinds of writing. Students will complete numerous writing assignments. This course is designed to help students improve their writing skills and increase their creativity. During class, students will also produce *The Shield*, Dorman’s literary magazine.

## **ESL (ENGLISH AS A SECOND LANGUAGE)**

**1 Unit Grades: 10-12 379950CW/379951CW**

*Prerequisite: Non-English Speaking Students*

The ESL class is designed to help students whose first language is NOT English. Students learn to understand, speak, read, and write English. The course also provides the student with awareness of American idioms, customs, and culture.

## INTRODUCTION TO FILM

**1 Unit Grade: 12**

**309907CW**

*Prerequisite: None*

This course is designed to introduce students to film as an art form. Students will learn about basic film techniques, relationships between form and content, and patterns in feature-length narrative films. Some attention will also be given to the history of film, especially to films that illustrate the range of cinematic styles.

## SAT/PSAT/ACT VOCABULARY ENHANCEMENT

**1/2 Unit Grades: 10-12 (V) 401100CH**

*Prerequisite: None for Vocabulary Enhancement*

This course is one of the two courses in the SAT/ACT Prep program. Any student at any level can benefit from increasing his vocabulary. Using a "within context approach," students are exposed to a large number of new words for reading recognition. Some of these words also become part of their usage vocabulary. Many methods that help with long-term retention are learned by the students along with habits which help make them independent and skilled at routine, daily vocabulary absorption. While the learning of new words is an important part of the course, independent learning skills and habits acquired during the course provide for continued development beyond the course.

## INTRODUCTION TO PUBLIC SPEAKING

**1 Unit Grades: 10-12**

**304000CW**

*Prerequisite: None*

This introductory course exposes the student to many public speaking situations. The student is given an overview to stress the importance of good communication skills and to reinforce skills used in conversation, group discussion, public speaking, and advertising. Each student will give a minimum of five speeches that will be videotaped and critiqued.

## JOURNALISM (Yearbook)

**1 Unit Grades: 10-12 305001CW (F)**

*Prerequisite: Teacher interview 305002CW (S)*

This course covers interviewing, features, caption, and headline writing, features unique to yearbook production. Page make-up, design, and layout are emphasized. Skills in marketing and advertising are learned and practiced. The yearbook advisor must approve students who are selected for the staff. Some time after school will be required to complete production.

**JOURNALISM (Newspaper) 305003CW (F)**

**1 Unit Grades: 10-12 305004CW (S)**

*Prerequisite: English CP or Pre-AP/Honors;  
Advisor interview*

This course covers interviewing, news, feature and editorial styles of writing. It also entails headline writing, outline (caption) writing, page makeup and design, layout, and some photography. In this course, students will read, evaluate and discuss newspaper stories, be able to recognize news and

feature story ideas within the school, and assist in conveying a positive image of the school through the local media. Each student must be approved for the newspaper staff. Students may enroll for one or both terms; however, enrolling for both terms provides stronger experience in newspaper writing. Some time after school is required as necessary to complete production.

## COMPETITIVE DEBATE

**1 Unit Grades: 10-12**

**304001CW**

*Prerequisite: English CP or Honors*

This course is designed to provide students with the opportunity to learn and apply the National Forensic League sponsored format of Lincoln-Douglas debate, as well as other speech and drama events, such as Oral Interpretation and Student Congress, offered for competition through the National Forensic League. Students who enroll in this course will be required to attend two Saturday tournaments for competition. Competitive debate is an intensive research, writing, and speaking course designed to provide students with the skills that will enable them to argue in a professional manner about relevant moral and political issues.

## LANGUAGE LAB

**1/2 Unit Grades: 11-12**

**309900CH**

*Prerequisite: Below standard on the English section of the HSAP.*

This course provides remediation for students who have not met the state standard on the HSAP Exit Exam. The course is aligned to state standards and provides students with remediation in both reading and writing. *This course does not count as an English unit; it counts as an elective unit.*

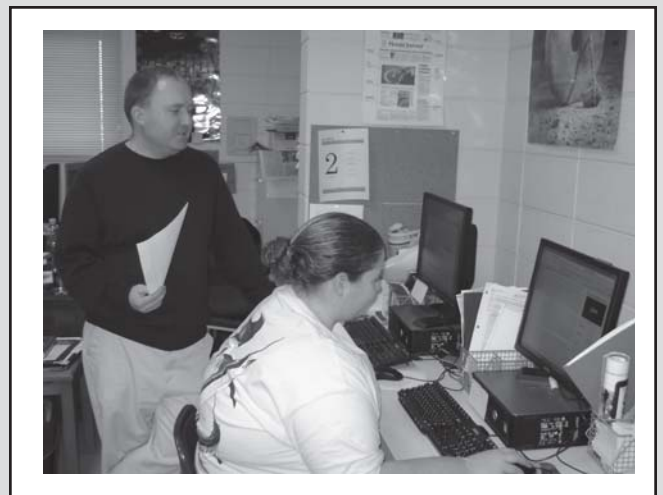
## MEDIA THEMES AND MEANING

**1/2 Unit Grades 11-12**

**309902CH**

*Prerequisite: None*

This course is designed to increase students' ability to comprehend and analyze visual images as they illustrate characterization, themes, issues, etc., found in selected texts in various genres. Students will have the opportunity to examine the connections between texts and media sources as they study universal themes and issues.



# ~ MATH ~

*Placement in required mathematics classes is by teacher recommendation based upon test scores and grades. Parents must have a conference with their student's math teacher before the recommended placement can be changed. Listed below are the math courses that count for math credit. Students and parents should also reference the flow chart at the end of the math courses.*

## **ALGEBRA IA**

**1 Unit Grades: 9-12**

**314100CW**

*Prerequisite: None*

This course is designed for students planning to attend a technical college or to enter the job market directly after high school graduation. Students will cover topics that include axioms of algebra, linear equations, polynomials in one variable, functions, graphs, and algebraic expressions. Concrete models, manipulatives, pictorial representations, graphing calculators, and computers will be used to strengthen concepts previously taught and to teach new concepts. It is the first half of Algebra I.

## **ALGEBRA IB**

**1 Unit Grades: 10-12**

**314200CW**

*Prerequisite: Algebra IA*

This course is designed for students planning to attend a technical college or to enter the job market directly after high school graduation. Students will cover topics that include axioms of algebra, linear and quadratic equations, polynomials in one variable, functions, graphs, and algebraic expressions. Concrete models, manipulatives, pictorial representations, graphing calculators, and computers will be used to strengthen concepts previously taught and to teach new concepts. Students who successfully complete Algebra IA and IB will have completed a course of study that is equal to Algebra I. The state-mandated 'End-of-Course Test' (the same test given for Algebra I) will be the final exam in this course. This test/exam will count for 20% of the student's final grade.

## **ALGEBRA II**

**1 Unit Grades: 10-12**

**411201CW**

*Prerequisite: Algebra I & Geometry or Geometry CP*

Algebra II is an extension of Algebra I at a more penetrating level. The course is a study of algebraic properties of the real number system, linear and quadratic equations, inequalities, graphs, polynomials in one variable, conic sections, functions, logarithms, and elementary properties of the trigonometric functions. Concrete models, manipulatives, pictorial representations, graphing calculators, and computers will be used to strengthen concepts previously taught and to teach new concepts.

## **ALGEBRA II HONORS**

**1 Unit Grades: 10-12**

**411202HW**

*Prerequisite: Algebra I Honors and Geometry Honors*

This course is designed for students who are able to grasp mathematical concepts quickly. This course is an in-depth study of the properties of the real number system, linear and quadratic equations, inequalities, graphs, polynomials in one variable, conic sections, functions, logarithms, trigonometric functions, mathematical induction, and symbolic logic. Concrete models, manipulatives, pictorial representations, graphing calculators, and computers will be used to strengthen concepts previously taught and to teach new concepts. The course moves faster and covers topics in greater depth than Algebra II.

## **ALGEBRA III**

**1 Unit Grades: 10-12**

**411300CW**

*Prerequisite: Algebra II*

Algebra III is a program of mathematical studies focusing on the development of the student's ability to understand and apply the study of functions and advanced mathematics concepts to solve problems. The course will include a study of polynomial, rational, exponential, logarithmic, and trigonometric functions.

## **GEOMETRY**

**1 Unit Grades: 10-12**

**314300CW**

*Prerequisite: Algebra I, Algebra IA/B*

This course is designed for the student who does not have strong mathematical abilities and who plans to take Statistics, Math for Financial Success, and/or Algebra II. All topics listed under Geometry CP will be included, but a less formal approach will be used to teach the topics. Career and real-world applications will be emphasized. Concrete models, manipulatives, pictorial representations, graphing calculators, and computers will be used to strengthen concepts previously taught and to teach new concepts.

## **GEOMETRY CP**

**1 Unit Grades: 10-12**

**412102CW**

*Prerequisite: Algebra I*

Geometry CP is a college preparatory study of plane and space geometric concepts based on Euclidean postulates. The course is a structured mathematics study based on undefined and defined terms, postulates, and theorems. Points, lines, planes, polygons, circles, and spheres are some of the geometric figures studied in detail. Three-dimensional concepts are studied through geometric solids. The course is designed to strengthen the student's ability in patterns of reasoning (inductive and deductive) as applied to mathematical and non-mathematical situations. Concrete models, manipulatives, pictorial representations, graphing calculators, and computers will be used to strengthen concepts previously taught and to teach new concepts.

## PRECALCULUS

**1 Unit Grades: 10-12 413103CW**

*Prerequisite: Algebra I, Algebra II, & Geometry CP*

This course encompasses and extends the understanding of advanced algebra and its applications such as functions, theory of equations, nature and theory of graphs, complex numbers, conics, matrices, linear programming, and exponential and logarithmic functions. A study of trigonometry and its applications will be emphasized during the second 9-weeks of the course. This course is a prerequisite for Differential/Integral Calculus. Concrete models, manipulatives, pictorial representations and computers will be used to strengthen concepts previously taught and to teach new concepts. The student will be required to use a graphing calculator throughout the course.

## PRECALCULUS HONORS

**1 Unit Grades: 10-12 413103HW**

*Prerequisite: Algebra II Honors*

This college preparatory course develops conceptual understandings as well as applications of higher level mathematics. Particular emphasis is placed on polynomial functions, their graphs and inverses, exponents and logarithms, graphing techniques, complex number operations, and trigonometric functions, graphs, and applications. This course will cover topics in more depth than the Precalculus course. Concrete models, manipulatives, pictorial representations, and computers will be used to strengthen concepts previously taught and to teach new concepts. The student will be required to use a graphing calculator throughout the course.

## DIFF/INTEGRAL CALCULUS

**1 Unit Grades: 11-12 413500CW**

*Prerequisite: Precalculus*

Students will develop a thorough understanding of analytic geometry, limits, derivatives, and applications of derivatives. Comparable to Calculus I in college, this course provides a basic foundation for advanced studies in mathematics. Some integration rules as well as integral applications will be explored. Concrete models, manipulatives, pictorial representations, graphing calculators, and computers will be used to strengthen concepts previously taught and to teach new concepts.

## DIFFERENTIAL CALCULUS HONORS

**1 Unit Grades: 11-12 413501HW**

*Prerequisite: Precalculus Honors*

This course will follow the recommendations and syllabus set by the Advanced Placement Program. It is designed to stimulate secondary school students to high achievement and to eliminate the need to take this course later in college. Concrete models, manipulatives, pictorial representations, graphing calculators, and computers will be used to strengthen concepts previously taught and to teach new concepts. This is the first semester of AP Calculus.

## INTEGRAL CALCULUS AP

**1 Unit Grades: 11-12 417000AW**

*Prerequisite: Differential Calculus Honors*

Students will further their calculus knowledge by studying integral calculus and its applications. A national exam will be given in May to all students enrolled in the course. Many colleges grant credit and appropriate placement to students who make a score of 3 or higher on the exam. Concrete models, manipulatives, pictorial representations, graphing calculators, and computers will be used to strengthen concepts previously taught and to teach new concepts.

## STATISTICS

**1 Unit Grades: 10-12 314400CW**

*Prerequisite: Algebra I A/B*

This course introduces probability and statistics and includes topics in organizing and presenting statistical data, calculating measurements of central tendency, calculating probabilities, the binomial distribution, normal distribution, Central Limit Theorem, confidence intervals, hypothesis testing for large and small samples, linear regression, and correlation. Concrete models, manipulatives, pictorial representations, graphing calculators, and computers will be used to strengthen concepts previously taught and to teach new concepts.

## STATISTICS CP

**1 Unit Grades: 10-12 414104CW**

*Prerequisite: Algebra II or teacher recommendation*

This college-prep course introduces probability and statistics and includes topics in organizing and presenting statistical data, calculating measurements of central tendency, calculating probabilities, the binomial distribution, normal distribution, Central Limit Theorem, confidence intervals, hypothesis testing for large and small samples, linear regression, and correlation. Concrete models, manipulatives, pictorial representations, graphing calculators, and computers will be used to strengthen concepts previously taught and to teach new concepts.

## STATISTICS AP

**1 Unit Grades: 11-12 417100AW**

*Prerequisite: Algebra II Honors, Precalculus, or Precalculus Honors*

This course covers the art of organizing and exploring data and the fundamental modes of thought in designs for data production and in the probabilistic reasoning of formal inference. Concrete models, manipulatives, pictorial representations, graphing calculators, and computers will be used to strengthen concepts previously taught and to teach new concepts. Students enrolled in this course will take the AP Statistics exam in May. Several colleges grant credit and appropriate placement to students who make a 3 or higher on the exam.

**MATH FOR FINANCIAL SUCCESS**

**1 Unit Grades: 11-12 419600CW**

*Prerequisite: Alg. I A/B or Algebra I, and a passing score on the math portion of HSAP.*

This course helps students strengthen their math skills. The student will become a wiser consumer and a better financial planner as he/she learns how financial institutions operate. Current technology will be utilized to solve financial problems. The student will learn to identify and use various mathematical procedures needed to solve complicated financial problems. The TI-83+ graphing calculator will be used extensively in this course. The school will provide classroom calculators.

**– MATHEMATICS ELECTIVES –**

**COMPUTER SCIENCE AP**

**1 Unit Grades: 11-12 477100AW**

*Prerequisite: Precalculus or concurrent enrollment in Precalculus.*

This course emphasizes object-oriented programming methodology with a concentration on problem solving and algorithm development, and is meant to be the equivalent

of a first-semester college-level course in computer science. There are no computing prerequisites for the AP course. It is designed to serve as a first course in computer science for students with no prior computing experience.

**MATH ESSENTIALS**

**1/2 Unit Grades: 11-12 319902CH**

*Prerequisite: Below standard on the math section of the HSAP*

This course provides remediation for students who have not met the state standard on the Exit Exam. With the use of manipulatives and computers, students are provided remediation in the following areas: numeration systems, algebraic concepts, number patterns and relationships, geometric concepts, measurement, statistics, and problem-solving strategies.

**ASSET PREP**

**1/2 Unit Grade: 12 319907CH**

*Prerequisite: Completion of four math units*

This course reviews skills necessary for passing the ASSET test. This will include, but is not limited to, the study

**MATH CHART FOR PROPER PLACEMENT OF STUDENTS**

10th	11th	12th
Precalculus Honors	Diff Cal. Honors/Calculus AP Diff Calculus Statistics AP	Possible College Course Statistics AP
Precalculus	Differential Calculus Statistics AP	Possible College Course Statistics AP
Algebra III	Precalculus Statistics AP Statistics CP	Differential Calculus Statistics AP
Algebra II Honors	Precalculus Honors Precalculus Algebra III Statistics AP	Diff Cal. Honors/Calculus AP Diff. Calculus Pre-calculus Statistics AP
Algebra II	Precalculus Algebra III Statistics CP	Differential Calculus Pre-calculus
Geometry CP	Algebra II Statistics	Algebra III Pre-calculus Math for Success
Geometry	Statistics	Math for Success Algebra II
Algebra I A/B Alg IB/Geometry	Geometry Statistics	Statistics Algebra II Math for Success

**Note:** No course can be taken without the required prerequisite and teacher recommendation. A student may change levels based on teacher recommendation and parent conference.

of arithmetic skills, basic algebra concepts, and data analysis. Application skills will be emphasized. The course does not assume the use of a calculator due to the constraints of the ASSET test. Students who plan to enter Spartanburg Community College, or any other technical school must pass the ASSET in order to remain eligible for the South Carolina LIFE Scholarship.

**CONSUMER MATH** **319903CH**

**1/2 Unit Grades: 11-12**

*Prerequisite: None*

Consumer topics will be addressed to strengthen the student's awareness and need for math in applications for daily living. Topics will include budgeting, borrowing and investing. Students will learn the mathematical skills needed to make sound consumer decisions.

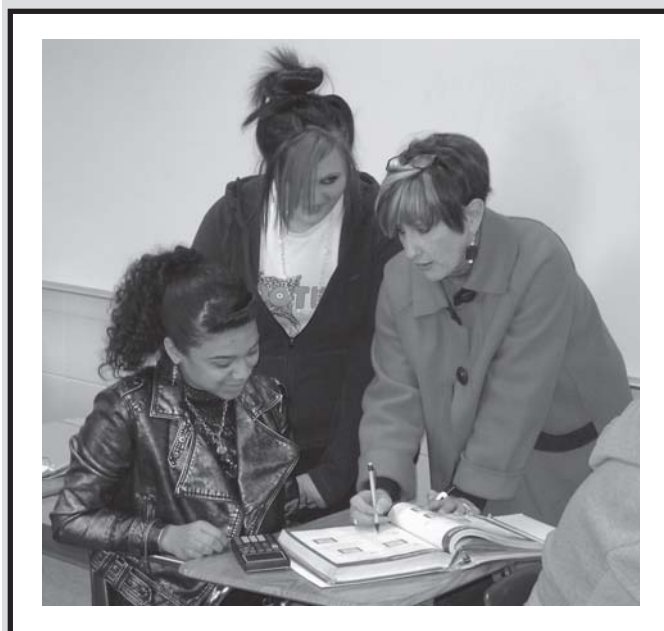
**SAT/ACT MATH PREPARATION**

**1/2 Unit Grades 10-12 (M) 415000CH**

*Prerequisite: Geometry CP; juniors or seniors in Algebra II or higher recommended*

The SAT assesses student reasoning based on knowledge and skills developed by the student in school coursework. The ACT assesses students' general educational development and their ability to complete college-level work. This course takes both the SAT and ACT into consideration with emphasis on techniques that enhance problem-solving abilities, critical thinking and rea-

soning skills, and test taking strategies, in conjunction with the review of previous math concepts and skills already learned. It enables the student to see math as relevant, useful, and intellectually stimulating. This course is designed to help students achieve the highest SAT or ACT math scores possible. (Since these tests are normally taken as a junior and/or senior, and because they include content that is taught in Algebra II, it is recommended that only juniors and seniors, who have had or are currently enrolled in Algebra II, take this class.)



# ~ SCIENCE ~

*All science courses require teacher recommendation and signature on registration materials.*

**ANATOMY/PHYSIOLOGY**

**1 Unit Grades: 11-12 326300CW**

*Prerequisite: C or better in Biology I CP or Biology I Honors*

This course is for the student with a serious desire to learn more about the structure and function of the human body. It is most appropriate for those considering a career in a medical field. Two major themes will dominate the course: (1) the complimentary nature of normal structure and function, and (2) homeostasis. Disease processes will be addressed as well. *This course is a laboratory science* and laboratory activities, including dissections, are an integral part of the course.

**ANATOMY/PHYSIOLOGY HONORS**

**1 Unit Grades: 11-12 326300HW**

*Prerequisite: Biology I Honors and teacher recommendation*

This rigorous course is appropriate for students as preparation for Anatomy/Physiology at the college level. It is especially well suited for those students who anticipate a career in medicine. Systems of the body, physiology of those systems and disease processes will be addressed. In addition, students will use technology and dissection to further their study. Projects and presentations including models and clinical case studies will be required. *This course will count as a laboratory science.*

## **ANATOMY & DISEASE**

**1 Unit Grades: 11-12 322205CW**

*Prerequisite: Physical Science AND Biology I or Biology I CP*

This course is designed to give students an understanding of the concepts involved in the levels of organization of the human body from the tissue level to the major body systems. This course requires a great deal of memorization of terminology. Students will also gain an understanding of the immune system and the prevention and treating of diseases. Students will dissect a fetal pig as a major assignment. *This course will count as a lab science.*

## **BIOLOGY I**

**1 Unit Grades: 10-12 322600CW**

*Prerequisite: None*

The purpose of this course is to provide the science foundation for agriculture, health, and home economics, as well as the science foundation necessary for industry. Biology will be presented in the context of work, home, society, and the environment. It uses an applications-oriented approach to teach the concepts of biology. Biology I emphasizes problem solving, decision-making, and hands-on learning that includes technology. *This course will count as a lab science.*

## **BIOLOGY II**

**1 Unit Grades: 10-12 322700CW**

*Prerequisites: Biology I*

This is a laboratory course that integrates the treatment of biology and the chemistry needed to understand the biological concepts as a unified domain of subject matter. This course emphasizes problem-solving, decision-making, critical thinking, and applied learning. Biology II is a continuation of Biology I, placing more emphasis on environmental/industrial concepts. Students wishing to pursue a career in health and/or industrial fields should complete the 2-year sequence of Biology I. *This course will count as a lab science. The state-mandated “End of Course Test” for Biology will be the final exam in this course. This test will count 20% of the students final grade.*

## **BIOLOGY I CP**

**1 Unit Grades: 10-12 322100CW**

*Prerequisite: C or better in Physical Science CP or science teacher’s recommendation*

This course is a broad, general introduction to the fundamental properties of living organisms, their structure, functions, habits, classification, and life histories. Representative plants and animals will be studied in the laboratory and field. *This course will count as a lab science. The state-mandated “End of Course Test” for Biology will be the final exam in this course. This test will count 20% of the students final grade.*

## **BIOLOGY I HONORS**

**1 Unit Grades: 10-12 322100HW**

*Prerequisite: Physical Science Honors with a B or better and science teacher’s recommendation*

This course is designed for the student who has outstanding abilities in science. It involves a detailed study of the properties of living organisms. This course includes introductory level biochemistry, cell biology, genetics, DNA/RNA, plants, ecology, invertebrates, and vertebrate systems. Laboratory activities are an essential part of this course. *This course will count as a lab science. The state-mandated “End of Course Test” for Biology will be the final exam in this course. This test will count 20% of the students final grade.*

## **BIOLOGY II HONORS/Pre-AP**

**1 Unit Grades: 11-12 322207HW**

*Prerequisite: Biology I H and Chemistry I CP or Honors; or take Biology II Honors and Chemistry Honors concurrently; Biology I Honors teacher’s recommendation*

This is a rigorous course for students who desire an introduction to college level biology. Molecular biology, energy transformations, cytology, molecular genetics, heredity, and evolution are the focus of this course. Much time is spent studying the biochemical relationships of cellular structures, energy cycles, and DNA/RNA and completing the required labs. *This course will count as a lab science. It is the first semester of AP Biology.*

## **BIOLOGY II AP**

**1 UNIT GRADES: 11-12 327200AW**

*Prerequisite: Biology II Honors and AP teacher’s recommendation*

This course is to prepare students with the necessary background for the AP Biology exam. Students will add to the knowledge that they acquired in Biology II Honors; they will study the development of invertebrate and vertebrate systems, plant anatomy and physiology, and ecological cycles. *This course will count as a lab science.*

## **CHEMISTRY I**

**1 Unit Grades: 11-12 323101CW**

*Prerequisite: Physical Science and Algebra IA/IB*

This course is designed for the student who is preparing for a non-science college career or for a technical school career. The course emphasizes the impact of chemistry on society and on the chemistry-related technical issues of today. The major topics and skills expected of an introductory chemistry course are included. *This course will count as a lab science.*

## **CHEMISTRY I CP**

**1 Unit Grades: 10-12 323100CW**

*Prerequisite: Algebra I and Physical Science CP*

Chemistry I includes a study of atomic structure, periodic law, chemical bonding, stoichiometry, gas laws, ionization, acids, bases, salts, titration, pH, chemical reactions, and nuclear reactions with a well-correlated student laboratory program emphasizing mathematical problems. *This course will count as a lab science.*

## CHEMISTRY I HONORS

**1 Unit Grades: 10-11 323103HW**

*Prerequisite: Physical Science Honors or teacher's recommendation, have completed or currently enrolled in Algebra II.*

This course covers most of the same topics as Chemistry I CP, but it is more in depth and detailed. Higher thinking skills are required for Chemistry Honors. This course is designed to prepare students for Chemistry AP and science or engineering college courses of study. *This course will count as a lab science.*

## CHEMISTRY II CP/ORGANIC

**1 Unit Grades: 11-12 323202CW**

*Prerequisite: Chemistry I CP or Honors and Algebra II and teacher's recommendation*

This course is for the student who has a serious desire to learn in-depth about particular topics in chemistry. It is most appropriate for students who want to strengthen their chemistry foundation. Evaluation will be based on research, lab activities, and lab reports. Six major topics are suggested for the course: Electrolytes, Equilibrium, Chemical Kinetics, Oxidation-Reduction Reactions, Electrochemistry, Organic Chemistry, and Forensic Sciences. *This course will count as a lab science.*

## CHEMISTRY II HONORS/Pre AP

**1 Unit Grades: 11-12 323204HW**

*Prerequisite: Chemistry I Honors and chemistry teacher's recommendation*

This rigorous course meets the objectives of a general chemistry course on the college level. Topics such as the structure of matter, kinetic theory of gases, chemical equilibrium, and thermodynamics are presented in considerable depth. The course emphasizes lab work that will include experiments in which each student makes observations of chemical substances and reactions, records data, and calculates results on obtained quantitative data. *This course will count as a lab science. It is the first semester of AP Chemistry.*

## CHEMISTRY II AP

**1 Unit Grades: 11-12 327300AW**

*Prerequisite: Chemistry II Honors*

This course will continue the in-depth study of chemistry including topics such as complex ions, nuclear chemistry, chemical kinetics, and descriptive chemistry. Chemistry AP will prepare the student to take the Advanced Placement Exam in May. Laboratory is an important component of this course. *This course will count as a lab science.*

## ECOLOGY AND LIFE STUDIES

**1 Unit Grades: 10-12 326100CW**

*Prerequisites: Biology I*

This course is designed to study the biology of food webs, biomes, air and water pollution. Special emphasis will be

placed on the impact of man on the environment and the organisms in these environments. *This does count as a lab science.*

## MARINE BIOLOGY CP

**1 UNIT GRADES: 11-12 322500CW**

*Prerequisite: A grade of C or better in Biology I CP or Honors and Chemistry I CP or honors*

This course is designed to provide the student with an understanding of the physical components of the marine environment as well as an understanding of the ecology of life in the oceans. Students should gain an appreciation for our marine environment. The class will emphasize hands-on learning with technology, problem solving skills, and decision-making skills. *This course is a lab science and dissections are an integral part of the course.*

## PHYSICS I CP

**1 Unit Grades: 10-12 324101CW**

*Prerequisite: Algebra II*

The scope of this lab course includes extensive studies in kinematics (velocity, acceleration, graphical analysis of motion), dynamics (forces, momentum, etc.), energy, sound and light, general studies in electricity, magnetism, and modern physics are included. The course requires a working knowledge of algebra and some geometry. *This course will count as a lab science.*

## PHYSICS I HONORS /Pre AP

**1 Unit Grades: 11-12 324103HW**

*Prerequisite: Pre-Calculus*

The scope of this introductory physics course includes mechanics, dynamics, fluids, thermodynamics, and sound. This algebra-based physics course is structured the same as most introductory college physics courses and uses a similar textbook. Students need a good understanding of Algebra I and right angle trigonometry. Approximately 25% of class time will be spent in lab work. Most students who take Physics Honors continue with AP Physics B during second semester. *This course will count as a lab science.*

## PHYSICS AP B

**1 Unit Grades: 11-12 327400AW**

*Prerequisite: Physics I Honors*

This course is a continuation of Physics I Honors which must be taken in the fall of the same school year. It has the same math prerequisites and structure and should be taken consecutively to Physics I Honors. The scope of the course includes optics, electricity, magnetism, and modern physics. Preparation of the AP Physics B exam will be conducted through Free-Response and multiple choice questions. Students receiving a three or better on the exam will earn from eight to ten semester hours of non-engineering college credit. *This course will count as a lab science.*

# ~ SOCIAL STUDIES ~

## AMERICAN GOVERNMENT

**1/2 Unit Grades: 11-12 333002CH**

*Prerequisite: None*

This course is a general overview of the Legislative, executive, and judicial branches of the national, state, & local governments. We will cover the basic foundation of American democracy and vocabulary building is an integral part of this course. There are mini projects that are completed with teacher supervision. Students are being taught to matriculate at the cognitive level of Bloom's Taxonomy.

## ECONOMICS

**1/2 Unit Grades: 11-12 335002CH**

*Prerequisite: None*

This course heavily emphasizes the unit on personal finances with a companion book that speaks to the subject of personal finances. There is a heavy emphasis on cognitive level of learning. Additional materials covered are basic foundations of economics, microeconomics and macroeconomics as well as global economics.

## AMERICAN GOV'T HONORS

**1/2 Unit Grades: 11-12 333002HH**

*Prerequisite: Strong reading and writing skills and teacher's recommendation.*

This course is an overview of the American governmental system, i.e. the legislative, executive, and judicial branches of the national, state, and local levels of government. The course will also cover the basic foundation of American democracy, the political behavior of the American people, and civil and human rights.

There is much outside reading with a heavy emphasis on current events and general classroom discussions. The course looks at American foreign policy in light of the activities of the Congress and the Presidency.

Students must have and/or develop cognitive, affective and psychomotor skill levels of Bloom's Taxonomy. There is much discussion and outside research on a nine weeks project.

## ECONOMICS HONORS

**1/2 Unit Grades: 11-12 335001HH**

*Prerequisite: Strong reading and writing skills and teacher's recommendation.*

This course covers the Economic perspective by encompassing basic principles of economics, microeconomics, macroeconomics, personal finances and global economics. Students must be able to read with comprehension and be able to complete mini projects across the course.

There is a companion book that must be read during the nine weeks period. Students must be able to summarize the book and complete a project based on that assigned reading. There is a nine weeks project that requires outside research. Current economic news events are heavily relied on to supplement classroom discussions.

## US HISTORY: COLONIAL PERIOD TO PRESENT

**1 Unit Grades: 11-12 332005CW**

*Prerequisite: None*

This survey course provides an introduction to the history of the United States. This course will focus on the U.S. Constitution, major themes, events, and people that have shaped our nation's history. This course will satisfy the US History/Constitution unit required for graduation. *The state-mandated "End of Course Test" for US History will be the final exam in this course. This test will count 20% of the student's final grade.*

## US HISTORY HONORS/Pre AP

**1 Unit Grades: 11-12 332001HW**

*Prerequisite: Social Studies teacher's recommendation and Honors Composition*

This course presents a complete survey of American history from 1607 to the present, stressing causation and the significance of historical changes. Political, social, and economic aspects of American history are studied through in-depth readings of both primary and secondary sources. Daily reading assignments and frequent essay writing are required. Students who take this course must also register for US History AP. *Both courses are required to satisfy the state requirement for US History needed for graduation.*

## US HISTORY AP

**1 Unit Grades: 11-12 337200AW**

*Prerequisite: US History Honors*

This course provides students with the analytic and interpretive skills and factual knowledge necessary to deal critically with the problems and content of US history from 1865 through the present. The course prepares students for intermediate and advanced college courses. Students will assess historical materials – their relevance to given interpretive problems, their reliability, and significance – and evaluate the evidence and interpretations presented in historical scholarship. Emphasis will be placed on preparation for the AP exam. Mature reading and writing skills are mandatory for those enrolled in this course. The course outline follows those suggested by the College Board. Prospective students should possess a strong commitment to academic pursuits as well as high reading aptitude scores or outstanding grade reports in the humanities. *The state-mandated "End of Course Test" for US History will be the final exam in this course. This test will count 20% of the student's final grade.*

## – SOCIAL STUDIES ELECTIVES –

### CIVICS

**1 Unit Grades: 10-12 333501CW**

*Prerequisite: None*

This course is designed to give students the opportunity to learn about the meaning of citizenship. Our study will include the rights we have as U.S. citizens and the many duties and responsibilities we must fulfill. Contributing to the common good will be emphasized.

### EUROPEAN HISTORY AP

**1 Unit Grades: 11-12 337600AW**

*Prerequisite: Social Studies teacher's recommendation.*

The AP European History course consists of an intense and thorough study of European civilization from 1450 to the present. It is a college-level course that uses lectures, class discussions, independent studies, readings from primary/secondary sources, and timed writings. This course is designed for those who are interested in an in-depth study of major movements, problems, and crises of European history. Students will take the AP test in May for college credit or advanced placement in their program of study with successful test results.

### GLOBAL STUDIES II HONORS

**1 Unit Grade: 10 336000HW**

*Prerequisite: Global Studies I Honors and Teacher Recommendation*

Global Studies II Honors is designed to offer tenth grade students a greater depth of study. It includes the history of the world since A.D. 1500, the geography of the earth and the influence of geography on the human systems of the world, the functions and evolution of government, and the economic principles of this time period. The course moves at a faster pace than the CP level course and involves greater research and ancillary readings.

### PSYCHOLOGY

**1 Unit Grade: 11-12 334001CW**

*Prerequisite: Not open to students in CP or Honors English*

This survey in introductory psychology provides an examination of normal human behavior through such phenomena as classical and operant conditioning, positive and negative reinforcement, the measurement of intellectual ability, and the general developmental areas—motor, language, emotional, social, and personality. The course also examines family relationships, mental retardation, behavior disorders, and social problems.

### PSYCHOLOGY CP

**1 Unit Grade: 12 334000CW**

*Prerequisite: CP or Honors English*

This survey in introductory psychology provides an examination of normal human behavior through such phenomena as classical and operant conditioning, positive and negative reinforcement, the measurement of intellectual ability, and the general developmental areas—motor, lan-

guage, emotional, social, and personality. The course also examines family relationships, mental retardation, behavior disorders, and social problems.

### PSYCHOLOGY AP

**1 Unit Grade: 12 437100AW**

*Prerequisite: Teacher's Recommendation; English CP/Honors*

This course will include an intense study of psychology including topics such as personality theory, psychological disturbances, human development, and principles of learning. Students will take the AP Psychology exam in the spring. Participating colleges grant credit and appropriate placement to students who pass the exam.

### SOCIOLOGY

**1 Unit Grades: 11-12 334500CW**

*Prerequisite: None*

This course is designed for students who are interested in how we are molded into unique individuals by the society in which we live and the groups to which we belong. The course will be an introduction to the science of sociology through the study of contemporary society. Topics to be covered include social structure, social relationships, and social organization.

### STREET LAW

**1 Unit Grades: 11-12 333601CW**

*Prerequisite: None*

This course is designed for any student who has an interest in a legal or law related field of work. There are six major topics to be covered in general. This course will include individual civil rights and individual duties to others, criminal law, tort law, consumer law, and property rights or property law. The course requires a good ability to read and retain information presented in class.

### SC HISTORY: 1670-1877

**1/2 Unit Grades: 10-12 339901CH**

*Prerequisite: None*

This course is designed to give students a general understanding and appreciation of South Carolina and local history. It will cover key themes, events and figures dating them from 1670 to 1877 (Colonial Period to End of Reconstruction). The course will focus on South Carolina's individual state history as well as its role within the context of U.S. History. This course will not count as a social studies elective. Instead, it will count as a Dorman elective.

### SC HISTORY: 1877-PRESENT

**1/2 Unit Grades 10-12 339902CH**

*Prerequisite: None*

This course is designed to give students a general understanding and appreciation of South Carolina and local history. It will cover key themes, events and figures dating

from 1877 to the present (End of Reconstruction to the Present). The course will focus on South Carolina's individual state history as well as its role within the context of U.S. History. This course will not count as a social studies elective. Instead, it will count as a Dorman elective.

#### **CURRENT EVENTS A**

**1/2 Unit Grades: 10-12 333700CH**

*Prerequisite: None*

This course is an introductory course designed to familiarize students with the history, institutions, and challenges of American Society. Students will identify and analyze current world and national political events, as well as local events and how they relate to and affect American society. Current events will be the major topic of discussion in class and questions resulting from discussions will be the basis for examinations.

#### **CURRENT EVENTS B**

**1/2 Unit Grades: 10-12 333701CH**

*Prerequisite: None*

This course is a continuation of Current Events A. Students may take this class independently or in conjunction with Current Events A.

#### **MILITARY HISTORY OF WESTERN CIVILIZATION**

**1/2 Unit Grades 10-12 339903CH**

*Prerequisite: None*

This survey course will examine history of Western Civilization primarily from a military perspective. The course will analyze major military topics throughout world history from the battles between ancient powers such as the Persians and Greeks to the great world wars that have shaped the modern world. Furthermore, the course will look at the leaders, strategists and soldiers who waged these wars. The course will also examine the evolution of technology and its impact on warfare.

#### **HISTORY OF WAR IN THE UNITED STATES**

**1/2 Unit Grades 10-12 339904CH**

*Prerequisite: None*

This survey course will examine history of United States primarily from a military perspective. The course will analyze major military topics through world history from the wars for American Independence to the current United States' rise as a military superpower. The course will focus on the battles, tactics and American leaders who have shaped the American military machine. The class will also focus on the ever changing American military in modern warfare.

#### **WORLD HISTORY AP**

**1 Unit Grades 10-12 337700AW**

*Prerequisite: Social Studies teacher's recommendation; Global Studies II Honors*

The AP World History consists of a survey study human history from prehistory to present. It is a college-level

course in which students will develop a greater understanding of the evolution of global processes and contact including interactions over time. The course highlights the nature of changes in the international frameworks and their causes and consequences, as well as comparisons among major societies. Students will take the AP World History exam in the spring. Participating colleges may grant credit and appropriate placement to students who pass the exam.

## **FOREIGN ~ LANGUAGE ~**

It is important to note that most public colleges and universities in South Carolina require two units of the same foreign language. In order to receive a South Carolina High School diploma, a student must complete either one credit of a foreign language or one credit of career and technology education. These courses are academic electives taught with rigor.

### **– FRENCH COURSES –**

#### **FRENCH I**

**1 Unit Grades: 10-12 361101CW**

*Prerequisite: None*

French I is an introductory course to the French language and culture. Oral participation, vocabulary development, listening, written and reading skills are emphasized through thematic units. The "five C's" of the Foreign Language Standards – Communication, Culture, Comparisons, Connections and Communities – will be addressed throughout the semester.

#### **FRENCH I ADVANCED**

**1 Unit Grades: 10-12 361102CW**

*Prerequisite: A grade of A or B in English CP/*

*Honors; English teacher's recommendation*

French I Advanced is an intense introductory course in the language and culture of France and French speaking areas of the world. Studies are conducted at a pace and level appropriate to advanced students. Oral participation, vocabulary development, listening, written and reading skills are emphasized through thematic units. The "five C's" of the Foreign Language Standards – Communication, Culture, Comparisons, Connections and Communities – will be addressed throughout the semester. This course is designed to promote the knowledge and skills needed to participate in the upper level French courses.

## **FRENCH II**

**1 Unit Grades: 10-12 361201CW**

*Prerequisite: French I and French teacher's recommendation*

French II concentrates on sharpening the communicative skills acquired in French Level I. Oral participation, vocabulary development, listening, written and reading skills are emphasized through thematic units. Vocabulary expansion will continue to be stressed and an appreciation of cultural differences continues as the many French speaking countries are explored. The “five C’s” of the Foreign Language Standards – Communication, Culture, Comparisons, Connections and Communities – will be addressed through the semester.

## **FRENCH II ADVANCED**

**1 Unit Grades: 10-12 361202CW**

*Prerequisite: French I Advanced and French teacher's recommendation*

French II Advanced reviews the oral, written, listening and reading skills introduced in French I Advanced. Studies are conducted at a pace and level appropriate to advanced students. Vocabulary expansion and cultural appreciation continue. The “five C’s” of the Foreign Language Standards – Communication, Culture, Comparisons, Connections and Communities – will be addressed throughout the semester. The course is designed to promote the skills necessary to do well in the French honors courses.

## **FRENCH III**

**1 Unit Grades: 11-12 361301CW**

*Prerequisite: French II and French teacher's recommendation*

This course is designed for students who would like to continue their study of French. Concentration will be on the continued expansion of oral, written, listening and reading skills required in the previous courses. The “five C’s” of the Foreign Language Standards – Communication, Culture, Comparisons, Connections and Communities – will be addressed throughout the semester at the developmental stage.

## **FRENCH III HONORS**

**1 Unit Grades: 11-12 361301HW**

*Prerequisite: French II Advanced and French teacher's recommendation*

This course is designed for students who have successfully completed French II Advanced and wish to continue their studies of the French language and culture. Oral participation, vocabulary development, listening, written and reading skills are emphasized more in depth through thematic units. The “five C’s” of the Foreign Language Standards – Communication, Culture, Comparisons, Connections and Communities – will be addressed throughout the semester at the developing and expanding stages.

## **FRENCH IV HONORS**

**1 Unit Grades: 11-12 361401HW**

*Prerequisite: French III Honors and teacher's recommendation*

This class is a synthesis of the acquired skills and further development of the oral, listening, written and reading abilities in the language. This course will further assist students with their language development and prepare them for proper college placement. The “five C’s” of the Foreign Language Standards – Communication, Culture, Comparisons, Connections and Communities – will be addressed throughout the semester at the developing and expanding stages. Students are expected to use the language in class.

## **– GERMAN COURSES –**

### **GERMAN I**

**1 Unit Grades: 10-12 362101CW**

*Prerequisite: None*

German I is an introductory course to the German language and culture. Oral participation, vocabulary development, listening, written and reading skills are emphasized through thematic units. The “five C’s” of the Foreign Language Standards – Communication, Culture, Comparisons, Connections and Communities – will be addressed throughout the semester.

### **GERMAN I ADVANCED**

**1 Unit Grades: 10-12 362102CW**

*Prerequisite: A grade of A or B in English CP/ Honors; English teacher's recommendation*

German I Advanced is an intense introductory course to the German language and culture. Studies are conducted at a pace and level appropriate to advanced students. Oral participation, vocabulary development, listening, written and reading skills are emphasized through thematic units. The “five C’s” of the Foreign Language Standards – Communication, Culture, Comparisons, Connections and Communities – will be addressed throughout the semester. This course is designed to promote the knowledge and skills needed to do well in the upper level German courses.

### **GERMAN II**

**1 Unit Grades: 10-12 362201CW**

*Prerequisite: German I and German teacher's recommendation*

German II concentrates on sharpening the communicative skills acquired in German level I. Oral participation, vocabulary development, listening, written and reading skills are emphasized through thematic units. Vocabulary expansion will continue to be stressed and an apprecia-

tion of cultural differences continues as the many German speaking countries are explored. The “five C’s” of the Foreign Language Standards – Communication, Culture, Comparisons, Connections and Communities – will be addressed throughout the semester.

### **GERMAN II ADVANCED**

**1 Unit Grades: 10-12 362202CW**

*Prerequisite: German I Advanced and German teacher’s recommendation*

German II Advanced reviews the oral, written, listening and reading skills introduced in German I Advanced. Studies are conducted at a pace and level appropriate to advanced students. Vocabulary expansion and cultural appreciation continue. The “five C’s” of the Foreign Language Standards – Communication, Culture, Comparisons, Connections and Communities – will be addressed throughout the semester. The course is designed to promote the skills necessary to do well in the German Honors courses.

### **GERMAN III**

**1 Unit Grades: 11-12 362301CW**

*Prerequisite: German II and German teacher’s recommendation*

This course is designed for students who would like to continue their study of German. Concentration will be on the continued expansion of oral participation, vocabulary development, listening, written and reading skills required in the previous courses. The “five C’s” of the Foreign Language Standards – Communication, Culture, Comparisons, Connections and Communities – will be addressed throughout the semester at the developmental stage.

### **GERMAN III HONORS**

**1 Unit Grades: 11-12 362301HW**

*Prerequisite: German II Advanced and German teacher’s recommendation*

This course is designed for students who have successfully completed German II Advanced and wish to continue their studies of the German language and culture. Oral participation, vocabulary development, listening, written and reading skills are emphasized more in depth through thematic units. The “five C’s” of the Foreign Language Standards – Communication, Culture, Comparisons, Connections and Communities – will be addressed throughout the semester at the developing and expanding stages.

### **GERMAN IV HONORS**

**1 Unit Grades: 11-12 362400HW**

*Prerequisite: German III Honors and German teacher’s recommendation*

This class is a synthesis of the acquired skills and further

development of the listening, reading, written and spoken abilities in the language. This course will further assist students with their language development and prepare them for proper college placement. The “five C’s” of the Foreign Language Standards – Communication, Culture, Comparisons, Connections and Communities – will be addressed throughout the semester at the expanding stage. Students are expected to use the language in class.

### **GERMAN AP**

**1 Unit Grades: 11-12 362300AW**

*Prerequisite: German IV Honors and German teacher’s recommendation*

This course will be taught in German and will concentrate on business German. This class intensively prepares the students for the AP Exam. It is an in-depth review of the skills previously acquired. Authentic materials will be utilized to enhance vocabulary and communicative skills. The internet will be utilized to access websites in the research of businesses in Germany. The “five C’s” of the Foreign Language Standards – Communication, Culture, Comparisons, Connections and Communities – will be addressed throughout the semester at the expanding stage.

## **– SPANISH COURSES –**

### **SPANISH I**

**1 Unit Grades: 10-12 365101CW**

*Prerequisite: None*

Spanish is an introductory course to the Spanish language and culture. Oral participation, vocabulary development, listening, written and reading skills are emphasized through thematic units. The “five C’s” of the Foreign Language Standards – Communication, Culture, Comparisons, Connections and Communities – will be addressed throughout the semester.

### **SPANISH I ADVANCED**

**1 Unit Grades: 10-12 365102CW**

*Prerequisite: A grade of A or B in English CP/ Honors; English teacher’s recommendation*

Spanish I Advanced is an intense introductory course to the Spanish language and culture. Studies are conducted at a pace and level appropriate to advanced students. Oral participation, vocabulary development, listening, written and reading skills are emphasized through thematic units. The “five C’s” of the Foreign Language Standards – Communication, Culture, Comparisons, Connections and Communities – will be addressed throughout the semester. This course is designed to promote the knowledge and skills needed to do well in the upper level Spanish courses.

## SPANISH II

**1 Unit Grades: 10-12 365200CW**

*Prerequisite: Spanish I and Spanish teacher's recommendation*

Spanish II concentrates on sharpening and expanding the communicative skills acquired in Spanish Level I. Oral participation, vocabulary development, listening, written and reading skills are emphasized through thematic units. Vocabulary expansion will continue to be stressed and an appreciation of cultural differences continues as the many Spanish speaking countries are explored. The “five C’s” of the Foreign Language Standards – Communication, Culture, Comparisons, Connections and Communities – will be addressed throughout the semester.

## SPANISH II ADVANCED

**1 Unit Grades: 10-12 365202CW**

*Prerequisite: Spanish I Advanced and Spanish teacher's recommendation*

Spanish II Advanced reviews and expands upon the oral, written, listening and reading skills introduced in Spanish I Advanced. Studies are conducted at a pace and level appropriate to advanced students. Vocabulary expansion and cultural appreciation continue. The “five C’s” of the Foreign Language Standards – Communication, Culture, Comparisons, Connections and Communities – will be addressed throughout the semester. This course is designed to promote the skills necessary to do well in the honors courses that lead to the AP program.

## SPANISH III

**1 Unit Grades: 11-12 365300CW**

*Prerequisite: Spanish II and Spanish teacher's recommendation*

This course is designed for students who would like to continue their study of Spanish. Concentration will be on the continued expansion of oral, written, listening and reading skills acquired in the previous course. The “five C’s” of the Foreign Language Standards – Communication, Culture, Comparisons, Connections and Communities – will be addressed throughout the semester at the developmental stage.

## SPANISH III HONORS

**1 Unit Grades: 11-12 365300HW**

*Prerequisite: Spanish II Advanced and Spanish teacher's recommendation*

This course is designed for students who have successfully completed Spanish II Advanced who desire to complete the AP course. Oral participation, vocabulary development, listening, written and reading skills are emphasized more in depth through thematic units. The “five C’s” of the Foreign Language Standards – Communication, Culture, Comparisons, Connections and Communities – will be addressed throughout the semester at the developing and expanding stages.

## SPANISH IV HONORS

**1 Unit Grades: 11-12 365400HW**

*Prerequisite: Spanish III Honors and Spanish teacher's recommendation*

This class is a synthesis of the acquired skills and further development of the oral, listening, written and reading abilities in the language. This course will assist students with their language development and prepare them for proper college placement. The “five C’s” of the Foreign Language Standards – Communication, Culture, Comparisons, Connections and Communities – will be addressed throughout the semester at the expanding stage. Students are expected to use the language in class.

## SPANISH AP

**1 Unit Grade: 12 367500AW**

*Prerequisite: Spanish IV Honors and Spanish teacher's recommendation*

This class intensively prepares the students for the AP Exam. It is an in-depth review of the skills previously acquired. Authentic materials will be utilized to enhance vocabulary and communicative skills. The “five C’s” of the Foreign Language Standards – Communication, Culture, Comparisons, Connections and Communities – will be addressed throughout the semester at the expanding stage. Students are expected to use the language in class.



# COMPUTER AND BUSINESS ~ TECHNOLOGY ~

## INFORMATION TECHNOLOGY FOUNDATIONS

**1 Unit Grades 10-12 527000CW**

*Prerequisite: None*

This course prepares students to take the Certiport's Internet and Computing Core Certification IC<sup>3</sup> Certification test. This course introduces basic concepts in computer and information technology, including computer hardware, software, internet, and network systems. Upon successful completion of this course, a student should be able to successfully enter any one of the Information Technology Cluster majors and may qualify for articulation/dual credit. Individuals who currently hold or are pursuing IC<sup>3</sup> certification may apply for college credit through the American Council on Education (ACE) member institutions. *This course will satisfy the SC Computer Science requirement.*

## **INTEGRATED BUSINESS APPLICATIONS I (Formerly Computer Applications)**

**1 Unit Grades: 10-12 502000CW**

*Prerequisite: Keyboarding 5100 or successful completion of SCDE state keyboarding proficiency exam*

This course is designed to teach students software applications that are necessary to live and work in a technological society. The applications covered include word processing, database, spreadsheet, and presentation. Other content areas may include computer hardware, terminology, and concepts. *This course will satisfy the SC Computer Science requirement.*

## **INTEGRATED BUSINESS APPLICATIONS II**

**1 Unit Grades 10-12 502100CW**

*Prerequisite: Integrated Business Applications I or Computer Applications*

This course of study is designed to teach the student advanced computer concepts as related to processing data into useful information needed in business situations by using advanced database, spreadsheet, word processing, and presentation software capabilities. Students will be able to take the Microsoft office 2007 (MCAS) Certification after completion of IBA II.

## **DIGITAL DESKTOP PUBLISHING**

**1 Unit Grades: 10-12 517600CW**

*Prerequisite: Computer Applications or Integrated Business Applications I*

This course brings together graphics and text to create professional level publications. Students create, format, illustrate, design, edit/revise, and print publications. Improved productivity of digitally produced newsletters, flyers, brochures, reports, advertising materials, and other publications is emphasized. Proofreading, document composition, and communication competencies are also included.

## **ACCOUNTING I**

**1 Unit Grades: 10-12 500100CW**

*Prerequisite: None*

This course is designed to help students develop skills necessary for the highly technical interaction between accounting and business, to develop an understanding of the steps of the accounting cycle as applied to several different kinds of business operations, and to develop an understanding of accounting concepts, principles, and practices. Use of the computer in simulated activities gives the student an opportunity to see the advantage of technology in accounting procedures.

## **ACCOUNTING II**

**1 Unit Grades: 11-12 500500CW**

*Prerequisite: Accounting I*

This course expands the student's understanding of accounting subsystems and develops an understanding of various methods of internal control procedures. The student develops competence in using subsidiary ledgers, in preparing financial statements, and in performing end-of-period procedures. The student will demonstrate the use of accounting principles through the use of computer software and simulated activities.

## **PERSONAL FINANCE**

**1 Unit Grades: 10-12 513100CW**

*Prerequisite: None*

This course is designed to introduce the student to basic financial literacy skills which includes budgeting, obtaining credit, maintaining checking accounts, analyzing the basic elements of finance, computing payroll, recording business transactions, and applying computer operations to financial management.

## **IMAGE EDITING (Formerly Photoshop)**

**1 Unit Grades 10-12 534001CW**

*Prerequisite: Integrated Business Applications I or Digital Input Technologies or Computer Applications*

This course is designed to provide the student with the knowledge and skills needed to utilize digital imaging software in editing and designing images and graphics. Students also learn the use of technologies related to digital imaging such as basic computer operations, file sharing across networks, digital scanning, digital photography, and preparing documents for output to various types of media. Successful completion of this course will prepare the student to take industry certification test(s).

## **COMPUTER SCIENCE AP**

**1 Unit Grades: 11-12 477100AW**

*Prerequisite: Pre-calculus or concurrent enrollment in Pre-calculus.*

This course emphasizes object-oriented programming methodology with a concentration on problem solving and algorithm development, and is meant to be the equivalent of a first-semester college-level course in computer science. There are no computing prerequisites for the AP course. It is designed to serve as a first course in computer science for students with no prior computing experience. *This course will satisfy the SC Computer Science requirement.*

## WEB PAGE DESIGN AND DEVELOPMENT 1

**1 Unit Grades: 11-12 503101CW**

*Prerequisite: Computer Applications or Integrated Business Applications 1*

This course is designed to provide students with the knowledge and skills needed to design Web pages. Students will develop skills in designing, implementing, and maintaining a Web site using authoring tools. Successful completion of this course will prepare the student to take industry certification test(s).

## ENTREPRENEURSHIP

**1 Unit Grades: 11-12 540000CW**

*Prerequisite: None*

This course is designed to provide students with the knowledge and skills leading to the development of a business plan for small business ownership. An important part of the course will be the incorporation of marketing, staffing, and financial considerations.

## VIRTUAL ENTERPRISE I & II

**1 Unit Grades: 11-12 515000CW & 515100CW**

*Prerequisite: Computer Applications or IBA I*

Virtual Enterprise is part of a national curriculum called Virtual Enterprises International and the South Carolina Virtual Enterprises Network that allows students to experience within a simulated business environment all facets of being an employee in a firm. The program allows students to run simulated offices in their schools and engage in virtual trading with other practice firms. Currently, more than 3,600 virtual enterprises in over thirty-six countries are part of the International Practice Enterprise Network. The program provides students with interdisciplinary instruction and an in-school work experience to develop school-to-career skills.

### BUSINESS COMPLETER TRACKS

Certificates from the SC State Department of Education are awarded to students who complete 4 courses in a Track. The first two courses listed are required while students may choose two others listed under "Options". Certificates earned can be used on college applications and job resumes.

#### Track 1: Finance Major - Accounting

Accounting I  
Account II

#### Options (Pick 2)

Entrepreneurship (RDA) & (DHS)

Integrated Bus. Applications 1  
Integrated Bus. Applications 2  
Personal Finance  
Virtual Enterprise

#### Track 2: Business Management Major-General Management

Accounting I  
Entrepreneurship (RDA & DHS)

#### Options (Pick 2)

Accounting II  
Integrated Bus. Applications 1  
Integrated Bus. Applications 2  
Virtual Enterprise

#### Track 3: Business Management Major-Business Information Management

Digital Desktop Publishing  
Web Page Design & Development

I

#### Options (Pick 2)

Digital Input Technologies (RDA)  
Entrepreneurship (RDA) & (DHS)  
Information Technology Foundations  
Integrated Bus. Applications 1  
Integrated Bus. Applications 2  
Digital Multimedia (RDA)  
Image Editing (RDA & DHS)

#### Track 4: Business Management Major:

#### Operations Management

Virtual Enterprise I  
Virtual Enterprise II

#### Options (Pick 2)

Accounting I  
Accounting II  
Digital Input Technologies (RDA)  
Entrepreneurship (RDA) & (DHS)  
Integrated Bus. Applications 1  
Integrated Bus. Applications 2

# FAMILY AND CONSUMER SCIENCE ~ EDUCATION ~

## FASHION, FABRIC, AND DESIGN I

**1 Unit Grades: 10-12 580400CW**

*Prerequisite: None*

Fashion, Fabric, and Design I is a basic course designed to develop skills in the selection, purchase, design, care, and construction of textile products. The course emphasizes critical thinking skills needed for making wise consumer choices and career decisions. Integration of Family, Career, and Community Leaders of America (FCCLA) greatly enhances this course.

## FASHION, FABRIC, AND DESIGN II

**1 Unit Grades: 11-12 580500CW**

*Prerequisite: Fashion, Fabric and Design I*

Fashion, Fabric, and Design II is a comprehensive course designed to advance skills in the selection, purchase, design, care, and construction of textile products. Contextual learning experiences further develop critical thinking skills needed for success in the professional environment. Integration of Family, Career, and Community Leaders of America (FCCLA) enhances the course.

## FAMILY AND CONSUMER SCIENCES I

**1 Unit Grades: 10-12 580800CW**

*Prerequisite: None*

Family and Consumer Sciences is a comprehensive course designed to provide students with the core knowledge and skills needed to manage their lives. Project based instruction provides students with opportunities to utilize higher order thinking, communication, and leadership skills impacting families and communities. Concepts incorporate interpersonal relationships, career, community, and family connections, family, nutrition and wellness, consumer and family resources, fashion and apparel, food production and service, parenting, and housing into a rigorous and relevant curriculum.

## FAMILY LIFE EDUCATION I

(Formerly Sociology of the Family)

**1 Unit Grades: 10-12 582000CW**

*Prerequisite: None*

This course is designed to help students develop an understanding of various aspects of human relationships with emphasis placed on the unique needs and interests of individuals and families. Topics include: physical, mental, emotional, social, economic and psychological development.

## FAMILY LIFE EDUCATION II

**1 Unit Grades: 11-12 582100CW**

*Prerequisite: Family Life Education I or Sociology of the Family*

This course is designed to further develop an understanding of the unique dynamics of families.

## FOODS AND NUTRITION I

**1 Unit Grades: 10-12 582400CW**

*Prerequisite: None*

Students enrolled in Foods and Nutrition I will receive rigorous and relevant learning experiences as they study the principles of nutrition for individual and family health, fitness, and wellness. Students will gain knowledge and experiences in nutrition, food safety and sanitation, kitchen work centers, meal preparation, table service and etiquette, and nutrition-related careers. Critical thinking and practical problem-solving are emphasized in a co-curricular approach that incorporates principles of mathematics, science, writing, communications, and economics.

## FOODS AND NUTRITION II

**1 Unit Grades: 11-12 582500CW**

*Prerequisite: Foods and Nutrition I*

Students enrolled in Foods and Nutrition II will experience an advanced program designed to provide a more in depth knowledge of individual and family health, fitness, and wellness. Students will gain knowledge and experiences in nutrition, safety and sanitation, consumer decisions, ethnic and multicultural meal preparation, table service and etiquette, and foods and nutrition-related careers. Critical thinking and practical problem-solving are emphasized in a co-curricular approach that incorporates principles of mathematics, science, writing, communications, and economics.

## CHILDHOOD DEVELOPMENT I

**1 Unit Grades: 10-12 581600CW**

*Prerequisite: None*

Child Development 1 focuses on the physical, social, emotional, and cognitive growth and development of children. Emphasis is placed on helping students acquire knowledge and skills essential to the care and guidance of children. Students learn to create environments that promote optimal development. Factors impacting a child's development from conception through childhood are explored.

## CHILDHOOD DEVELOPMENT II

**1 Unit Grades: 11-12 581700CW**

*Prerequisite: Child Development I*

Child Development 2 is a specialized course that provides students with knowledge and skills related to children's growth and development. Students are equipped to develop positive relationships with children and effective care giving skills. Emphasis is on promoting the well-being and healthy development of children and strengthening families in a diverse society. Opportunities to investigate careers related to the care and education of children are provided.

## HUMAN SERVICES/FAMILY AND CONSUMER SCIENCES PROGRAM

Certificates from the SC State Department of Education are awarded to students who complete 4 courses in a Track. The first two courses listed are required while students may choose two others listed under "Options". Certificates earned can be used on college applications and job resumes.

### Track 1: Education and Training

Child Development 1 (required)  
Child Development 2 (required)

#### Options

(Choose either A or B courses  
- optional)

A. Family and Consumer  
Science 1

Family and Consumer  
Science 2

B. Family Life Education 1  
Family Life Education 2

### Track 2: Human Services

#### *Design*

• Fashion Fabric & Design 1  
(required)

• Fashion Fabric & Design 2  
(required)

#### Options

A. Family and Consumer  
Science 1

B. Family and Consumer  
Science 2

#### *Food and Nutrition*

• Food and Nutrition 1  
(required)

• Food and Nutrition 2  
(required)

#### Options

A. Family and Consumer  
Science 1

B. Family and Consumer  
Science 2

## ~ VISUAL ARTS ~

### DESIGN PRINCIPLES

**1 Unit Grades: 10-12**

**350104CW**

*Prerequisite: None*

Design Principles is a beginning level semester class for students interested in art. The course will introduce students to elements of art and the principles of design. A variety of art forms will be explored including drawing, painting, printmaking, collage, and sculpture. Students will keep a notebook and homework assignments. No prior experience is required. The course serves as a prerequisite to Art I, Watercolor, Mixed Media, and Sculpture. *Successful completion of Design Principles, maintaining a "B" average or higher, can qualify students for more advanced study.*

### ART I

**1 Unit Grades: 10-12**

**350101CW**

*Prerequisite: None*

Art I is a beginning level course focusing on fundamentals of Art. The first part is devoted to building drawing skills and sight skills. During the second part, students will use skills learned earlier to explore different art media. Drawing, painting, printmaking, collage and sculpture are the major art forms covered in this course. The course serves as a prerequisite to Art II, Watercolor, Printmaking, and Sculpture. Students will keep a notebook/sketchbook and have homework assignments. *Successful completion of Art I course, maintaining a "B" average or higher, can qualify students for more advanced study.*

### PAINTING

**1 Unit Grades: 10-12**

**350202CW**

*Prerequisite: Art I or Design Principles, art teacher's recommendation*

This course is designed to acquaint art students with the techniques related to water based paints such as acrylic and gouache. Students will have the opportunity to work

in a studio based atmosphere on painting projects designed to explore both techniques related to the painting medium and personal ideas developed through the study of subject matter. Subject matter will include field painting, still life, figurative, and non-objective works. Students will maintain a sketchbook. Project work created in Painting can help build the high school art portfolio. *Students must have maintained a "B" average in Art I or Design Principles to be eligible to take this course.*

### MIXED MEDIA (Formerly Printmaking)

**1 Unit Grades: 10-12**

**350204CW**

*Prerequisite: Art I or Design Principles, art teacher's recommendation*

This course is designed for art students who want to explore alternate means of expression through a mixed media approach to making art and who enjoy a studio class. The course makes extensive use of processes related to printmaking, such as relief and silkscreen, and combining these with traditional art media such as pencil and paint. Nontraditional processes such as digital photography, Photoshop, and photo transfer will also be explored. Students will maintain a sketchbook. Work created in this class can help build the high school art portfolio. *Students must have maintained a "B" average in Art I or Design Principles to be eligible to take this course.*

### SCULPTURE

**1 Unit Grades: 10-12**

**350203CW**

*Prerequisite: Art I or Design Principles, art teacher's recommendation*

This is a specialized course for the serious art student whose interests are in the three-dimensional area. Students will use a variety of media to explore the sculptural techniques of modeling, carving and assemblage/construction. Students will maintain a notebook and have weekly homework assignments. Written tests will be given on

vocabulary. *Students must have maintained a “B” average in Design Principles or Art I to be eligible to take this course.*

### ART II

**1 Unit Grades: 10-12 350201CW**

*Prerequisite: Art I, art teacher’s recommendation*

This course builds on the requisite skills and concepts of the ART I class to provide an in-depth study of Drawing (9 weeks) and Painting (9 weeks). Several historical movements in art are integrated into the studio process. Students will maintain a notebook. Homework assignments will be given each week. Written tests will be given on vocabulary as well as on historical artists studied. *Students must have maintained a “B” average in Art I to be eligible to take this course and successful completion of Art II, maintaining a “B” average or higher, can qualify students for more advanced study.*

### ART III

**1 Unit Grades: 11-12 350301CW**

*Prerequisite: Art II, art teacher’s recommendation*

Art III combines creativity and technical skills to solve a variety of visual art assignments. This course will draw upon art history, advanced techniques, professional materials, and critical thinking skills to make this course exciting and challenging. Students will keep a notebook and have weekly homework assignments due in their sketchbook. Success in this course as a junior is required for students seeking Advanced Placement credit during their senior year. Students may contract for an honors credit. *Students must have maintained a “B” average in Art II to be eligible to take this course and successful completion of Art III, maintaining a “B” average or higher, can qualify students for more advanced study.*

### ART IV

**1 Unit Grades: 11-12 350401CW**

*Prerequisite: Art III, art teacher’s recommendation*

Students in Art IV will draw upon their previous experiences in art to expand their technical and conceptual ar-

tistic skills. A variety of art approaches will be explored to complete their Breadth section (comprised of 12 quality images), part one of the AP portfolio. Students will be required to keep an extensive notebook and sketchbook with weekly assignments. Art IV is considered the pre-AP class so this course is required in the fall before taking AP Studio Art in the spring semester. This course carries an honors quality point. *Students must have maintained a “B” average in Art III to be eligible to take this course and successful completion of Art IV, maintaining a “B” average or higher, can qualify students for more advanced study.*

### AP STUDIO ART: 2-D DESIGN

**1 Unit Grades: 11-12 357400AW**

*Prerequisite: Art IV, art teacher’s recommendation, portfolio review, and interview*

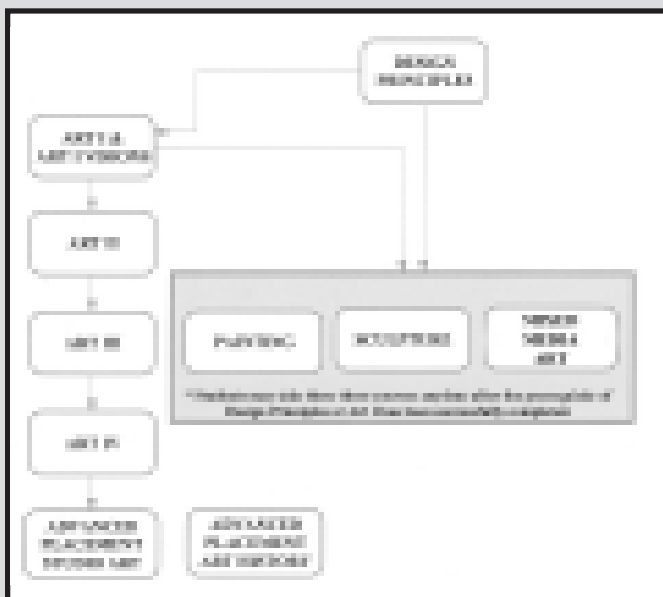
In this course, students create and develop an original thematic body of artworks based on the student’s interest in a particular visual and conceptual creative idea. Students will complete the Concentration section (comprised of 12 quality images), part two of the AP portfolio. In 2-D Design, you are asked to demonstrate a conscious and deliberate application of design issues using a variety of forms. These could include, but are not limited to, graphic design, illustration, typography, digital imaging, photography, collage, fabric design, weaving, illustration, painting, drawing, printmaking, etc. Design works place emphasis on the elements of art and the principles of design. Additionally, students will learn how to organize their art portfolio, create effective presentations, develop an art resume, and participate in numerous art activities. Successful completion of the portfolio, based on the AP College Board’s final score, can earn students college credit. This course carries an honors quality point and is a spring semester course only.

### AP STUDIO ART: DRAWING

**1 Unit Grades: 11-12 357200AW**

*Prerequisite: Art IV, art teacher’s recommendation, portfolio review, and interview*

In this course, students create and develop an original thematic body of artworks based on the student’s interest in a particular visual and conceptual creative idea. Students will complete the Concentration section (comprised of 12 quality images), part two of the AP portfolio. AP Studio Art: Drawing is designed to address a broad interpretation of drawing issues. For example, drawing, painting, printmaking, studies for sculpture, some forms of design and abstract and observational works would qualify as addressing drawing issues. The work should focus on the act of “mark-making” for the Drawing Portfolio. Photos, digital works, three-dimensional works, and color photocopies of your work in other media may not be submitted. Additionally, students will learn how to organize their art portfolio, create effective presentations, develop an art resume, and participate in numerous art activities. Successful completion of the portfolio, based on the AP College Board’s final score, can earn students college credit. This course carries an honors quality point and is a spring semester course only.



## AP ART HISTORY

**1 Unit Grade: 12 357100AW**

*Prerequisite: English CP or Honors English or art teacher's recommendation*

AP Art History is designed to prepare students for the Advanced Placement exam in May. The course covers major movements and periods in art history from pre-civilization to the present. Course work will include extensive writing and research, slide lecture, presentations, and visits to local museums.

# ~ DANCE ~

## DANCE FITNESS/DANCE APPRECIATION

**1 Unit Grades: 10-12 450700CW**

*Prerequisite: None*

This course is designed to offer students basic dance aerobics. It is targeted toward beginner dance students who want to condition and learn various styles of dance. It emphasizes aerobic activities, cardiovascular training, dance technique and dance history. Shoes required: Athletic shoes and Jazz shoes.

## DANCE I

**1 Unit Grades 10-12 450101CW**

*Prerequisite: None*

This is an introductory course for the first year student who has not experienced the art of movement. The class will focus on beginner level jazz/tap movement techniques. It also allows students to study the vocabulary associated with dance and learn choreographic tools and composition principles used to evaluate dance routines. Students will learn how movement/dance elements – body, space, time dynamics/effort – contribute to the functional and artistic character of dance. The students will develop an awareness of how the body may be used as an instrument of artistic expression. Students in this course will participate in an “end of course” performance that may be viewed by parents and other invited guests in the dance room. Specific dress and shoes are required for this course. *Dress attire:* black dance pants and leotard or athletic top. Shoes may be purchased at local dance stores.

## DANCE II

**1 Unit Grades: 10-12 450102CW**

*Prerequisite: Dance I/Teacher approval or audition with dance director.*

Dance II is an intermediate level dance training course designed for students who have had entry level dance training and are ready to progress to a higher level skill class. Students will train in creative movement, dance technique, and short composition assignments. The focus of the course will be on technique, body mechanics, performance training, fitness and concert skills. Students will be required to perform in a formal concert setting during the first semester. Proper dance attire and shoes will be required.

## DANCE III

**1 Unit Grades: 10-12 450104CW**

*Prerequisite: Dance II, Advanced Dance or audition with dance director*

This is an advanced dance course. Students must be able to do the following styles of dance: ballet, jazz, and tap. Technical skills are required upon entering with a performance based background. Students will audition for various pieces in the fall concert and be expected to perform at an advanced level. Students may be required to choreograph a dance work based on concert selection and present at the program. Proper dance attire and shoes are required.

## INTERMEDIATE/ADVANCED DANCE

**1 Unit Grades 10-12 450101CW**

*Prerequisite: Dance Training/Teacher Approval*

This course is designed for students who have had previous dance training at an entry level and are ready to progress to a higher level skill in class. Students will train at an intermediate level and progress to advanced level technique midway through the semester. Students will train in creative movement, dance technique (ballet, modern jazz) and concert choreography. This course will enable students to take Dance Company their junior or senior year. Students will be required to perform in a formal concert setting during the semester. Proper shoes and dress attire will be required.

## DANCE COMPANY

**1 Unit Grades: 10-12 450200CW**

*Prerequisite: Intermediate/Advanced Dance or teacher approval*

This course is designed for students with an advanced training/performance background. These students will focus strictly on advanced level dance technique, composition work and choreography. Students will perform in a formal concert and for the school Christmas assembly. Students will choreograph a routine as part of semester course work. The dance will be auditioned and evaluated for formal concert. Proper dance attire and shoes required.

# MUSIC ~ COURSES ~

## CHAMBER SINGERS I & II

**1 Unit Grades: 10-12 354403CW/354404CW**

*Prerequisite: Audition required*

This is the most selective choral group at Dorman High School. A very advanced degree of music reading skills, vocal development and training, an advanced understanding of music theory, and a well-established work/rehearsal ethic are required for this course. Membership will be limited to approximately 40 students and will be evenly balanced between all voice parts. This will be the most active performing choral group at Dorman and students who are chosen will be expected to fully commit to nu-

merous performances during the year. Those wanting to be considered for this class should bear in mind that there are several organizations at Dorman (Chamber Singers is one of these groups) which demand a great deal of one's personal time outside of school hours. This group will be expected to rehearse and perform all of the music learned by the other chorus classes but will, in addition, study significantly more music. Much personal at-home rehearsal will be expected and evaluated. Double blocking will be mandatory for this class.

### **DORMAN SINGERS I & II**

**1 Unit Grades: 10-12 354405CW/354406CW**

*Prerequisite: Audition required*

An advanced degree of music reading skills, vocal development, and training will be mandatory for membership in this class. Membership will be limited to approximately 60 students in a balanced voicing. This group will perform often during the year. This group will be expected to read and rehearse a significant body of music from a large variety of genres and historical periods. Much personal at-home rehearsal will be expected and evaluated. Double blocking for this class is required unless there is a reasonable **academic** reason for not doing so.

### **CONCERT CHORUS I & II**

**1 Unit Grades: 10-12 354401CW/355402CW**

*Prerequisite: Audition required*

Students who have a significant amount of training in music, reading and vocal technique, will continue this training upon entering this course. A significant body of music literature will be covered during the year. Concert performances will be numerous throughout the year and attendance at these performances is required. Much personal at-home rehearsal will be expected and evaluated. Double blocking this class is highly encouraged, especially for those wishing to continue membership in one of the other two chorus classes offered at Dorman.

### **MARCHING WINDS**

**1 Unit Grades: 10-12 353007CW**

*Prerequisite: Recommendation by a band teacher*

This is the first semester marching band class for all students who play a brass or woodwind instrument. Members of this class are required to be a part of the "Marching Cavaliers," a performance and competitive based ensemble. The students will participate in local, state and regional competitions. Students enrolled in this course will attend regularly scheduled evening rehearsals, football game performances, and Saturday competitions. After football season, the class will be divided into smaller concert ensembles who will prepare for the Winter Concert held in December. Students enrolled in this course must meet the academic eligibility requirements to participate in the mandatory band competitions.

### **SYMPHONIC BAND**

**1 Unit Grades: 10-12 353010CW**

*Prerequisite: Recommendation by a band teacher*

This is a second semester band class that will study and perform music literature grades 3-5 in difficulty. Students are required to attend after school rehearsals. This ensemble will participate in the SCBDA Concert Band Festival and several local concerts for the public. Students are required to participate in the Solo and Ensemble Festival, and they are encouraged to audition for the Region and All-State Bands. Percussionists who are not in the percussion ensemble class will take the Symphonic Band class along with the brass and woodwind players.

### **WIND ENSEMBLE**

**1 Unit Grades: 10-12 353003CW**

*Prerequisite: Audition only*

This is a second semester band class consisting of only the most advanced wind players. The Wind Ensemble will study literature grades 4 - Masterworks. This ensemble will perform 6-10 times during the semester; performances will include the SCBDA Concert Festival. Students are required to attend after school rehearsals.

Students are required to participate in the Solo and Ensemble Festival and to audition for the Region Band and All-State Bands. Qualified students may contract with the director to receive one honors credit.

### **MARCHING COLOR GUARD**

**1 Unit Grades: 10-12 353008CW**

*Prerequisite: Audition before a band director*

This is a first semester class for all students in the Colorguard of the "Marching Cavaliers." Auditions will be held in the spring of the previous school year and will include teacher recommendations. Members of this class are required to be a part of the "Marching Cavaliers," a performance and competitive based ensemble. The students will participate in local, state and regional competitions. Students enrolled in this course will attend regularly scheduled evening rehearsals, football game performances, and Saturday competitions.

### **INDOOR COLOR GUARD**

**1 Unit Grades: 10-12 353011CW**

*Prerequisite: Audition before a band director*

In this second semester course, students will be involved in the competitive indoor color guard program. The students enrolled in this class will participate in Winter Guard International (WGI) and local circuits. Students are required to attend regular evening rehearsals and all week-end competitions.

## MARCHING PERCUSSION

**1 Unit Grades 10-12 353002CW**

*Prerequisite: Audition before a band director.*

This is the first semester marching band class for all students that play percussion instruments. Auditions will be held in the spring of the previous year. The marching season will start at the conclusion of the previous school year and will go through the summer into the beginning of the next school year. Members of this class are required to be a part of the "Marching Cavaliers", a performance and competitive based ensemble. The students will participate in local, state and regional competitions. Students enrolled in this course will attend regularly scheduled evening rehearsals, football game performances, and Saturday competitions.

## PERCUSSION ENSEMBLE

**1 Unit Grades 10-12 353012CW**

*Prerequisite: Audition before a band director.*

This is a second semester band class that will study and perform a variety of percussion literature and techniques. Extra rehearsals may be scheduled as needed. Students will participate in the Solo and Ensemble Festival as well as audition for the Region and All-State Bands. Members of this class will be considered part of the Wind Ensemble.

## SYMPHONY ORCHESTRA

**1 Unit Grades: 10-12 355001CW/355002CW**

*Prerequisite: Audition with orchestra faculty*

The Dorman High School Symphony is the most advanced performance ensemble in which string players may enroll. String and Full Orchestra literature will be studied. Students are encouraged to participate in Solo and Ensemble Festival and to audition for Region and All-State Orchestras. The Orchestra performs in concerts, competitions, and festivals at a musical difficulty level of four through professional each semester. After school and dress rehearsals are scheduled as needed and are announced in advance. Students will be required to attend all scheduled rehearsals and performances. Qualifying symphony members may contract with the director for one honors credit each year for a maximum of two. Students enrolling in the Symphony Orchestra must enroll for the fall and spring semesters.

## PHILHARMONIC ORCHESTRA A

**1 Unit Grades: 10-12 355301CW**

*Prerequisite: Freshman Orchestra and be able to demonstrate mastery of 3 octave scales through a skills audition. Others may enroll through an audition with the orchestra faculty.*

The Philharmonic Orchestra A course is a performance-based ensemble. In this fall course, students will study scales, positions, rhythms, bowings, and other fundamental skills needed to perform in an orchestra. The Philharmonic performs concerts at a musical difficulty level of two through four. Students are encouraged to audition for Region Orchestra.

## PHILHARMONIC ORCHESTRA B

**1 Unit Grades: 10-12 355302CW**

*Prerequisite: Freshman Orchestra and be able to demonstrate mastery of 3 octave scales through a skills audition. Others may enroll through an audition with the orchestra faculty.*

The Philharmonic Orchestra B course is a performance-based ensemble. In this spring course, students will study scales, positions, rhythms, bowings, and other fundamental skills needed to perform in an orchestra. The Philharmonic performs concerts at a musical difficulty level of two through four. Students are encouraged to participate in Solo and Ensemble Festival. Students enrolling in Philharmonic Orchestra are encouraged to enroll in both the fall and the spring semesters.

## MUSIC THEORY AP

**1 Unit Grades: 11-12 357600AW**

*Prerequisite: Musical experience/teacher approval*

Music Theory AP is a course for the serious music student. Students are encouraged to have at least an intermediate familiarity with the piano/keyboard as well as be willing to participate in vocal activities; however, vocal proficiency is not a requirement. The course is designed to prepare the student who wishes to pursue advanced musical experiences or even a career in music. This is not a performance ensemble; it is a course where the basics of music are thoroughly introduced and studied. Students will have to demonstrate their knowledge through several activities which range from sight-singing intervals and melodies to harmonic analysis. Students will take the AP test to be given in May for possible college credit.

# DRAMA ~ COURSES ~

## CREATIVE DRAMA I

**1 Unit Grades: 10-12 452101CW**

This is a beginning level course focusing on the fundamentals of acting, theater history and theater appreciation. This is a performance based class and will require students to memorize lines and perform in front of the class. This course requires students to see outside performances. Creative Drama I serves as a prerequisite for Creative Drama II, III, and Master Production.

## CREATIVE DRAMA II

**1 Unit Grades: 10-12 452201CW**

*Prerequisite: Creative Drama I and teacher's recommendation*

This course will provide opportunities for students to advance their understanding/skill level. The class will focus

on children's theater and is performance based. We will be performing for elementary and middle schools. Hard work and self-discipline are a must for this class. This course also requires students to see two outside performances.

### **CREATIVE DRAMA III**

**1 UNIT GRADES: 10-12 452301CW**

*Prerequisite: Creative Drama I, Creative Drama II, teacher recommendation*

This is a performance based class. During the first nine weeks, students will work on a one-act play to take to competition. During the second nine weeks, students will create their own performance piece. Students will also further develop acting skills. This semester course will provide opportunities for the most serious and talented theater/drama students to improve their understanding and skill level. This course also requires students to see two outside performances.

### **MASTER PRODUCTION**

**1 UNIT GRADES: 10-12 452107CW**

*Prerequisites: Drama I, II, and III, teacher recommendation*

This is a performance based class. Students will work on a piece for PDA (a theater festival) and a full length play. They will also help with the set construction. Standards will be integrated through preparation for and performance of a full-length production and competition-appropriate challenges. This course is designed mainly for seniors who have completed all prior levels of theater/drama course offerings. Exceptions will be made for students who exhibit talent, self-discipline, and commitment to self and team. This course also requires students to see two outside performances.

## **~ PHYSICAL EDUCATION ~**

### **PHYSICAL EDUCATION/HEALTH I**

**1 Unit Grades: 10-12 344110CW**

*Prerequisite: None*

This is a basic course required by the S. C. Department of Education for graduation. The course involves a component of personal fitness and wellness as well as a component of lifetime fitness. The course also includes the comprehensive health unit required by state law.

### **HEALTH I**

**1 Unit Grades: 10-12 340200CW**

*Prerequisite: None*

This course is designed for the student who is exempt from the regular Physical Education/Health I Class because of medical or religious reasons. This course will provide the student with information about health, hygiene,

nutrition, and fitness issues. It includes the comprehensive health unit required by S.C. law.

### **TEAM SPORTS**

**1/2 Unit Grades: 10-12 344202CH/344203CH**

*Prerequisite: P.E./Health I; Physically able to participate*

This course will be an in-depth study of team sports. Skills, team strategies and rules of basketball, volleyball, soccer, softball, and football will be studied. Students will also research the origin and evolution of each sport. Students will participate in every sport, growing in an understanding and appreciation of the skill, strategy, and history of each sport. This course may be taken all semester. *This course is an elective physical education course.*

### **LEISURE ACTIVITIES**

**1/2 Unit Grades: 10-12 344204CH/344205CH**

*Prerequisite: P.E./Health I; Physically able to participate*

This course will be an exploration of the lifetime benefits and participation in the skills of leisure games, including ping pong, badminton, tennis, and golf. Students will grow in the understanding of these activities and participate in performing the skills necessary to promote lifelong physical activity and enthusiasm for each one. This course may be taken all semester. *This course is an elective physical education course.*

### **ATHLETIC TRAINING/SPORTS MEDICINE I**

**1 Unit Grades: 10-12 555500CW**

*Prerequisite: Teacher recommendation*

Athletic Training I will introduce students to basic care of wounds, fractures, sprains, and other injuries. Students will also learn how injuries to the bone structure, muscle structure, and ligament structure may occur during athletic activities. Students will learn how to treat these injuries so that the injured person may return to his/her athletic activities as soon as possible. Liability and other legal issues related to athletic injuries will be discussed, as well as the classification of sports injuries. Students will learn how to tape injuries, utilize ace bandages, apply a splint, and provide CPR. Students are required to attend 8 athletic events as part of the course. *This course is an elective physical education course. Students must pay a \$3.00 fee to enroll in this course.*

### **ATHLETIC TRAINING/SPORTS MEDICINE II**

**1 Unit Grades: 10-12 555501CW**

*Prerequisite: Athletic Training/Sports Medicine I & teacher recommendation*

This course will continue the course of study started in Athletic Training/Sports Medicine I. Students will continue to learn the different techniques used in taping athletes and in the care of sports related injuries. In this

course, students will look at the physiological and psychological affects of wound healing or injury healing on athletes. Students will learn the techniques used in the rehabilitation of injuries including the use of modalities. Students will study how nutrition affects athletic performance; they will also investigate the effects that vitamin supplements and steroids have on the body. Students may gain practical experience by observing the work that goes on in physical therapy clinics, training rooms, and physicians' offices. *This course is an elective physical education course. Students must pay a \$3.00 fee to enroll in this course.*

## ~ U. S. ARMY JROTC ~

**(JROTC may be taken in all semesters of high school - double blocked - if prerequisites are met and class size is adequate).**

### **BASIC JROTC (JROTC I)**

**1 Unit Grades: 9-12 375100CW**

*Prerequisite: None*

This is the introductory course for first year JROTC cadets. The course focuses on the development of leadership skills, building self-reliance, patriotism, and improving physical fitness. Training includes the theory of leadership, techniques of communication, basic first aid, map reading, citizenship, and leadership lab. Selected optional subjects include how to develop good study habits, drug awareness, and orientation to the military services. Cadets are eligible to participate on the following special teams: JROTC Color Guard, JROTC Drill Team, Raider Team, and Rifle Team. Emphasis is placed on personal appearance and bearing, attitude and conduct, and health and physical fitness. Training received in JROTC complements instruction associated with both college-prep and tech-prep tracks and offers skills training in areas not covered in other high school courses. Students repeating the ninth grade or transferring from other JROTC programs must have the approval of the JROTC department to enroll. This course will satisfy the PE requirement for graduation.

### **INTERMEDIATE JROTC - FALL**

**1 Unit Grades: 10-12 375200CW**

*Prerequisite: JROTC I or II/Approval of Instructor*

Conducted in the first semester, this course concentrates on the social studies related subjects of the JROTC curriculum and expands subjects included in the basic course. Emphasis is placed on topics of current interest, citizenship, service learning, and development of leadership skills. Other topics include physical fitness, navigation and map-reading, history and government, techniques of communication, and team-building. The course will include cadets at the JROTC I, II, and III levels. Suc-

cessful completion of a third unit in JROTC qualifies cadets for advanced placement in military service or the Senior ROTC program at major colleges and universities.

### **INTERMEDIATE JROTC - SPRING**

**1 Unit Grades: 10-12 375300CW**

*Prerequisite: JROTC I, II, or III/Approval of Instructor*

This is a continuation of the Social Studies subjects with emphasis on the practical application of leadership and managerial skills. Subjects include the aspects of leader/subordinate relationships, the building of teamwork and team spirit, the flow of communications, and teaching techniques. A comprehensive review of map reading and first aid plus a discussion of the role of the military in National Defense is also included as a part of this course. This course will include cadets at JROTC I, II, III, and IV levels. Successful completion of a third unit in JROTC qualifies cadets for advanced placement in military service or the Senior ROTC program at major colleges and universities.

### **ADVANCED JROTC - FALL**

**1 Unit Grades: 11-12 375406CW**

*Prerequisite: JROTC IV/Score 50% + on the Cadet Challenge; demonstrated leadership potential/Approval of Senior Army Instructor*

This is the first of the advanced courses designed to reinforce previous instruction in the art of leadership and management. Cadets will participate as senior members of the cadet battalion in assigned command and staff positions. Focus will be on planning and problem solving. Cadets will be required to prepare staff papers, present both an information briefing, and a decision briefing, prepare and teach a formal class, and evaluate subordinate job performance. The course includes a comprehensive review of the planning process.

### **ADVANCED JROTC - SPRING**

**1 Unit Grade: 12 375407CW**

*Prerequisite: JROTC IV/Score 50% + on the Cadet Challenge; demonstrated leadership potential/Approval of Senior Army Instructor*

This is the second of the advanced courses to focus on the practical application of leadership and instructional skills. Emphasis is placed upon performance oriented assignments. Cadets will assume increased leadership and teaching responsibilities while continuing to receive instruction in advanced leadership and management. Emphasis will be on the management process to include the stages of management and the functional areas within each. Classroom instruction will be reinforced by visits to local business operations and guest speakers.

# ~ NON-DEPARTMENTAL ELECTIVES ~

## COMMUNITY SERVICE LEADERSHIP

**1 Unit Grade: 12 379921CW**

*Prerequisite: 3.0 GPA; Completion of application/evaluation process*

Students will be given an opportunity to develop and test effective leadership skills by identifying and addressing community needs and issues through volunteer service. This course allows students to work with an approved community agency in a voluntary capacity. Students' work will be evaluated and assessed by an agency supervisor as well as through journals, book reports and exhibition process. This course is open to seniors who must be able to provide their own transportation to service sites. Interested seniors should register for the course and complete an application through guidance. A student may enroll in only one service leadership course per academic year.

## DRIVER ED/STUDY HALL

**1/2 Unit Grades: 10-12 370100CH**

*Prerequisite: 15 years of age and possess a driving permit*

Each student must have at least thirty hours of classroom instruction. Following the classroom phase of the class, students must spend six hours in observation of good driving techniques and six hours of actual driving. Students will be assigned to study hall after the classroom portion to await the driving/observation time. *There is a \$25 fee for this course. Successful completion of this course and a 3.0 GPA will meet the qualifications for a discount on insurance.*

## BROADCAST JOURNALISM

**1 Unit Grades: 10-12 379940CW**

*Prerequisite: Broadcast Journalism teacher's recommendations*

Studies will include theory and application of digital photography and videography (filmmaking) including visual composition, editing, and story telling. Students are required to complete projects in (1) digital photography, (2) writing and photo integration, and (3) a short subject video documentary (news documentary) or short subject video art (filmmaking). Students are also required to produce television news stories for the DTV News and to include those in their portfolio.

## TEACHER CADET - THEORY

**1 Unit Grade: 12 379970HW**

*Prerequisite: 3.0 GPA and teacher's recommendations, and interview*

This course is considered an introduction or orientation to the teaching profession. Its main purpose is to encourage students who possess a high level of academic achievement and the personality traits found in good teachers to consider teaching as a career; however, an important secondary goal of the program is to provide these talented

future community leaders with insights about schools even if they do not select teaching as their career choice. Although the course is taught at a college freshman level, the curriculum includes simulations and other hands-on activities designed to excite students about teaching. Students are exposed to teaching careers and the educational system through class discussion, observations, participation in public school classrooms, and interactions with administrators and teachers. Students may opt for dual enrollment with USC Upstate with a possible three hour college credit.

## TEACHER CADET - PRACTICUM

**1 Unit Grade: 12 379971HW**

*Prerequisite: Teacher Cadet - Theory*

This course is a continuation of the Teacher Cadet Program. It is an examination of the teacher as a practitioner and a professional. Students will focus on the process of teaching, methodology, and requirements for certification. This course culminates with the student's being assigned to work with a classroom teacher for an extended field experience. *This course carries an honors credit.*

## SCHOOL-BASED LEARNING COMMUNITY

**1 Unit Grades: 11-12 379920CW**

*Prerequisite: Approval of cooperating teacher/administrator; 3.0 GPA; completion of application/evaluation*

This credit-bearing service experience gives students peer support opportunities as classroom teaching assistants and/or office assistants. Training will be provided in communication skills, teamwork, and confidentiality issues. Efforts will be made to match students with their areas of interest. Students and supervisors will be encouraged to create a contract with delineated duties and responsibilities. A student may enroll in only one service learner course per academic year.

## LEADERSHIP DORMAN

**1 UNIT GRADES: 10-12 379924CW**

*Prerequisite: Student Council Member*

The Leadership course is designed to enhance the leadership skills of students. Areas such as decision making, problem solving, communication, and teamwork will be studied. Students will also study character development and leadership styles. Students will evaluate their own leadership styles as well as those of school and community leaders. Members of the class will be required to keep journals, submit proposals, work or and/or chair committees, complete projects, and attend other organizational meetings. The course is designed so that half the Student Council members will be enrolled each semester.

# ~ Dual Credit Courses ~

## **ART 200 Art Appreciation 101**

An introduction to the visual arts. Introduces the student to the major art movements and artists. Lecture and discussion on the materials, forms, and processes of art with the aim of giving insight into the functions and content of art objects. Course content may vary. May not be applied to major in art.

## **BIO 232 Human Anatomy**

Gross and microscopic structure of the systems of the human body including essential technical terminology. Dissection of preserved specimens is required. This course is a prerequisite to entrance into the Mary Black School of Nursing.

## **ECO 211 Microeconomics**

This course includes the study of the behavior of households and firms, including supply and demand, elasticity, price/input in different market structures, pricing of resources, regulations, and comparative advantage and trade.

*Prerequisites: COMPASS ENG 032, MAT 032, RDG 032 or SAT Verbal and Math 480 or ACT English and Math 19*

## **EGL 101 Composition I**

Instruction and practice in academic writing, critical reading and research. Attention is given to planning, drafting, revising, and editing a variety of texts.

*Prerequisites: Completion of High School English 12 or World Literature or AP English Language*

## **EGL 102 Composition II**

Continued instruction in composition, building on skills introduced in English 101. Attention is given to writing for specific audiences, reading and analyzing challenging texts, and synthesizing academic sources in writing.

*Prerequisites: EGL 101*

## **HIS 101 Western Civilization To 1689**

This course is a survey of Western Civilization from ancient times to 1689, including the major political, social, economic, and intellectual factors shaping western cultural tradition.

*Prerequisites: COMPASS ENG 100, RDG 100 or SAT Verbal 480 or ACT English 19*

## **HIS 102 Western Civilization Post 1689**

This course is a survey of Western Civilization from 1689 to the present, including major political, social, economic, and intellectual factors which shape the modern western world.

*Prerequisites: COMPASS ENG 100, RDG 100 or SAT Verbal 480 or ACT English 19*

## **MAT 110 College Algebra**

This course includes the following topics: polynomial, rational, logarithmic and exponential functions; systems of equations and inequalities; matrices; determinants; and solutions of higher degree polynomials.

*Prerequisites: Algebra II and SAT Math 480 or ACT Math 19 or COMPASS/Algebra 45*

## **MAT 120 Probability and Statistics**

This course includes the following topics: introductory probability and statistics, including organization of data, sample space concepts, random variables, counting problems, binomial and normal distributions, central limit theorem, confidence intervals, and test hypothesis for large and small samples, types I and II errors; linear regression; and correlation.

*Prerequisite: Algebra II and SAT Math 480 or ACT Math 19 or COMPASS/Algebra 45*

## **MAT 160 Math for Business and Finance**

This course includes the following topics: commissions, markon, depreciation, interest on unpaid balances, compound interest, payroll, taxes, and graphs.

*Prerequisites: MAT 032, RDG 032*

## **PSC 201 American Government**

This course is a study of national governmental institutions with emphasis on the Constitution, the functions of the executive, legislative and judicial branches, civil liberties and the role of the electorate.

*Prerequisites: COMPASS ENG 032 and RDG 032 or SAT Verbal 480 or ACT English 19*

## **PSY 201 General Psychology**

This course includes topics and concepts in the science of behavior: scientific method, biological basis for behavior, perception, motivation, learning, memory, development, personality, abnormal behavior, therapeutic techniques and social psychology.

*Prerequisites: COMPASS ENG 100, MAT 032, RDG 032 or SAT Verbal 480 or ACT English 19*

## **SOC 101 Introduction to Sociology**

This course emphasizes the fundamental concepts and principles of sociology, including culture, socialization, interaction, social groups and stratification, effects of population growth and technology in society and social institutions.

*Prerequisites: ENG 100, RDG 100*

## **SPC 205 Public Speaking**

This course is an introduction to principles of public speaking with application of speaking skills.

*Prerequisites: ENG 100, RDG 100*

# R. D. Anderson ATC

## 2011-2012 Course Descriptions

For more information:

P.O. Box 248 • Moore, South Carolina 29369  
864-576-5020 or visit our website at: [www.rdanderson.org](http://www.rdanderson.org)

Career and technology programs at R.D. Anderson Applied Technology Center are aligned with South Carolina's Career Clusters as defined by the State Department of Education. The 12 career clusters in which R.D. Anderson offers courses are listed below along with the courses taught within each cluster.

### Agriculture, Food & Natural Resources

- Agriculture Mechanics (5660)
- Equipment Operation & Maintenance (5621)
- Farm Animal Production (5647)
- Introduction to Agriculture Science & Tech. (5624)
- Introduction to Horticulture (5650)
- Introduction to Veterinary Science (5613)
- Landscape Technology (5670)
- Small Animal Care (5612)

### Architecture & Construction

- Introduction to Carpentry & Green Tech. (6001)
- Carpentry I, II & III (6091, 6092, 6093)

### Arts, A/V Technology & Communications

- Engineering Graphics I & II (6170, 6171)
- Introduction to Graphic Comm. & Printing Pro. (6200)
- Commercial Design (6201)
- Advanced Graphic Arts & Design (6202)

### Business, Management & Administration

- Entrepreneurship (5400)
- Digital Multimedia (5030)
- Digital Multimedia Marketing (5422)  
(Formerly called Multimedia II)
- Web Design I & II (5031, 5033)
- Foundations of Animation (5350)  
(Formerly called Flash)

### Health Science Technology

- Anatomy for the Healthcare Professional (5551)
- Introduction to Health Science (5554)
- First Aid/CPR (5531)

- Health Science Fundamentals (5550)
- Medical Terminology for Healthcare Prof. (5540)
- Nursing Assisting (5560)
- Pharmacy Technology (5570)

### Hospitality & Tourism

- Culinary Arts I (5720)
- Culinary Arts II (5721)

### Human Services

- Cosmetology IA, 1B, IIA, IIB (6150, 6151, 6152, 6153)

### Law, Public Safety, Corrections & Security

- Fire/Emergency Medical Services I & II (6512, 6513)
- Law Enforcement Services I & II (6510, 6511)

### Manufacturing

- Machine Tool Technology I, II-A, II-B, & III  
(6230, 6231, 6232, 6233)
- Welding I, II, & III (6340, 6341, 6342)

### Transportation, Distribution & Logistics

- Automotive Collision Repair I, II-A, II-B, & III  
(6020, 6021, 6022, 6023)
- Automotive Technology I, II, III and IV/Co-op  
(6030, 6031, 6032, 6033)

Students who earn six or more units in a cluster, or who have earned six cross-cluster units related to a specific occupational area, may substitute one of these units for a science unit required for graduation. You are urged to see your high school guidance counselor for additional information and advisement concerning this option.

Dual credit is available in a number of RDA programs through Spartanburg Technical College and Greenville Technical College. At the time of publication, dual credit was available in the following courses and programs: Anatomy/Medical Terminology, Automotive Technology, Machine Tool Technology, Carpentry II, Automotive Collision Repair.

# Agriculture, Food & Natural Resources

*Processing, production, distribution, financing, and development of agricultural commodities and natural resources.*

## ***Introduction to Agriculture Science and Technology***

***1 Unit • Grades 10, 11, 12***

***Prerequisite: None***

This course is designed to teach essential concepts and understanding related to plant and animal life including biotechnology, the conservation of natural resources, and the impact of agriculture and natural resource utilization on the environment. Emphasis is placed on the role of agriculture in our society and the importance of agriculture to the welfare of the world. Basic personal and community leadership and safety and agricultural mechanical technology are included as a part of the instructional program. Each student is expected to design and participate in a supervised agricultural experience.

Typical learning activities are hands-on learning experiences including: performing basic principles of plant, soil, and animal science; studying and modeling the significance of humankind's interrelationship with soil, water, and air; participating in FFA activities.

## ***Introduction to Horticulture***

***1 Unit • Grades 10, 11, 12***

***Prerequisite: None***

This course is designed to be an introduction to the Horticulture pathway. This course includes organized subject matter and practical experiences related to the culture of plants used principally for ornamental or aesthetic purposes. Instruction emphasizes knowledge and understanding of the importance of establishing, maintaining, and managing ornamental horticulture enterprises.

Typical instructional activities include: hands-on experiences with propagating, growing, establishing, and maintaining nursery plants and greenhouse crops; tissue culture techniques; designing landscapes; preparing designs; sales analysis and management; participating in personal and community leadership development activities; planning and implementing a relevant school-to-work transition experience; and participating in FFA activities.

## ***Introduction to Veterinary Science***

***1 Unit • Grades 10, 11, 12***

***Prerequisite: None***

The science of veterinary medicine will be explored by students in this course. Students will study the role of a veterinarian and veterinary technician in the diagnosis and treatment of animal diseases. Topics to be discussed include: veterinary terminology, anatomy and physiology, pathology, genetics, handling and restraint, and physical examinations, along with common surgical skills. Students will engage in a variety of laboratory activities and will participate in shadowing and/or other school-to-work experiences.

## ***Small Animal Care***

***1 Unit • Grades 10, 11***

***Prerequisite: None***

***Course is NOT open to Seniors!***

This course is designed to teach technical knowledge and skills for occupations in the pet industry or the companion animal industry. Skills also relate to the veterinarian or the veterinarian technician career field.

Typical instructional activities include hands-on experiences with cats, dogs, rabbits, fish, etc.; participating in personal and community leadership development activities; and planning a relevant school-to-work transition experience.

***Leadership training and opportunities for competition will be provided through the FFA student organization. FFA membership dues are \$10.00.***

## ***Farm Animal Production***

***1 Unit • Grades 11, 12***

***Prerequisite: None***

This course is designed to teach technical knowledge and skills for occupations in the pet industry or entry-level positions in an animal production enterprise by developing competencies concerning the selection, breeding, physiology, nutrition, health, housing, feeding, and marketing of farm animals.

Typical instructional activities include hands-on experiences with the principles and practices essential in the production and management of farm animals and farm animal products for economic, recreational, and therapeutic uses; participating in personal and community leadership development activities; planning and implementing a relevant school-to-work transition experience; and participating in FFA activities.

## ***Landscape Technology***

***1 Unit • Grades 11, 12***

***Prerequisite: None***

This course is designed to qualify the student completing the course for job entry into landscaping fields or to continue advanced training in post high school education. A combination of subject matter and activities is designed to teach technical knowledge and skills for entry-level positions in selling, selecting, and servicing.

Typical instructional activities include hands-on experiences with the planning and selection of materials for the construction of hardscapes, the mechanical practices associated with irrigation and water conservation, erosion control, participating in personal and community leadership development activities, planning and implementing a relevant supervised agricultural experience, and participating in FFA activities.

***Agriculture Mechanics***  
***1 Unit • Grades 11, 12***  
***Prerequisite: None***

In this course students will receive hands-on training in the safe operation, maintenance, and repair of equipment used in the horticulture industry. Typical instructional activities include: hands-on experiences with agricultural power units; the planning and selection of materials for the construction of agricultural facilities; the mechanical practices associated with irrigation and water conservation; erosion control and metal fabrication. The greenhouse will be a source of training with emphasis on environment-controlling equipment.

***Equipment Operation and Maintenance\* (new course)***  
***1 Unit • Grades 11, 12***  
***Prerequisite: None***

This course is designed to teach students how to operate and maintain equipment commonly used in the agriculture industry. It includes equipment used in all four of the Agriculture, Food and Natural Resources pathways.

Typical activities include hands-on experiences with power units, hand tools, tractors, mowers, production equipment, turf and landscaping equipment (example: changing mower blades, sharpening mower blades) rebuilding small air-cooled gasoline engines, maintaining diesel engines, working with engine power and efficiency and Power Trains systems.

# **Architecture & Construction**

***Designing, managing, building, and maintaining the built environment.***

***Introduction to***  
***Carpentry & Green Construction (formerly called Intro to Mfg / Construction)***  
***1 Unit • Grade 10, 11***  
***Prerequisite: None***

This program is designed to prepare students to perform entry-level building construction/manufacturing tasks under the supervision of a supervisor or an experienced craftsman. Included in the course of study are instructions related to cabinetmaking, carpentry, masonry, green construction, basic electricity, welding, and safety practices. This program is designed to give the student an opportunity to explore carpentry and manufacturing and construction courses at RDA in an effort to determine a career path for their future. This course is highly recommended for any 10th grader who wants to take Carpentry I, Welding I, or Machine Tool in the future!

***Carpentry I***  
***1 Unit • Grades 11, 12***  
***Prerequisite: None***

This is a one-semester course that prepares the student for an entry-level position in the construction field. This course is centered around safety on the jobsite, basic skills needed in the construction field, and the use of hand and power tools.

***Carpentry II***  
***2 Units/1 Semester • Grades 11, 12***  
***Prerequisite: 85 or above in Carpentry I***

This one-semester course is the second level of the Carpentry program. Students will learn advanced frame carpentry techniques, finish work, door hanging, installation of moldings, concrete forming and finishing, site layout, and concrete reinforcement. They will learn to work with advanced blueprint reading, woodworking, and cabinetmaking. Students in this course may be eligible for cooperative education, dual credit with Greenville Tech, and NCCER certification.

***Carpentry III***  
***(Dual credit/Honors Weighting/Greenville Technical College)***  
***2 Units/1 Semester • Grade 12***  
***Prerequisite: 90 or above in Carpentry II***

This one-semester course is the final level of the Carpentry program. Students will learn advanced cabinetry skills and deal with the business aspects of construction in more detail. Students will also be expected to take a leadership role in the day-to-day activities of the class. This includes estimation of material, pricing of material, and foreman responsibilities within the shop setting.

# Arts, A/V Technology & Communication

*Creating, exhibiting, performing, and publishing multimedia content.*

## *Introduction to Graphic Communications and Printing Procedures*

*1 Unit • Grades 10, 11*

*Prerequisite: Keyboarding proficiency*

This semester course is designed to provide a general overview of graphic arts and design. Students use digital cameras, other photographic equipment, and printing equipment. Students will also use Macintosh computers to design projects for vinyl decals, one-color printing projects, and one-color T-shirts. The Adobe Creative Suite software, including Adobe Illustrator, Photoshop, and InDesign will be used to design projects.

## *Commercial Design*

*1 Unit • Grades 11, 12*

*Prerequisite: Grade of 80 or better in Introduction to Graphic Communications*

This semester course will give students hands-on training using the software programs: Adobe InDesign, Illustrator, and Photoshop. Students will learn to use graphic design and electronic page assembly to produce professional-quality documents such as newsletters, brochures, forms, flyers, business cards, advertisements and letterheads. Students will learn screen printing and will print one of their own personal designs on a T-shirt. Students will also work with vinyl graphics. Students will go through three phases of Design including: thumbnails, rough draft, and final printed piece.

## *Advanced Graphic Arts & Design*

*2 Units • Grades 12, 11*

*Prerequisites: 80 or higher in Introduction to Graphic Communications & Commercial Design.*

After finishing this semester course, students will know how to use the graphics computer software and the offset printing presses to create a variety of diverse media such as brochures, letterheads, newsletters, and booklets. Students will also learn digital imaging and will be informed of the skills and procedures needed to successfully operate and produce industry standard products related to the Commercial Graphics industry. Projects will include: multi-color printing, multi-color shirt printing, advanced digital photography, vinyl graphics, and advanced design. This advanced course will put into practice the creation of personalized projects and give the ability to design, create, and complete printed projects. Students will also develop a portfolio for presentation, along with a personal resume.

## *Engineering Graphics I*

*1 Unit • Grades 11, 10, 12*

*Prerequisite: Successful completion of Math Tech II or Algebra I*

Engineering Graphics I is an introductory course designed to teach the fundamentals of design software used in the industry of Architectural and Mechanical Engineering. Software packages such as AutoCAD, AutoDesk Architecture, Inventor, and Chief Architect are used in the classroom and are also used by the largest engineering firms in the world. This course will allow students to test their abilities in becoming tomorrow's engineers and will prepare them for one of the most prestigious careers available.

## *Engineering Graphics II*

*2 Units/One Semester • Grades 11, 12*

*Prerequisite: Grade of 85 or better in Engineering Graphics I*

Engineering Graphics II is a continuation of Engineering Graphics I, focusing on more specific career-based projects. The course has two areas of study: Mechanical Design and Architectural Design. Each area involves various projects relating to the many careers in either field. With the skills obtained in this course students will be prepared to enter an entry-level drafting/design position and/or advanced placement at local technical colleges. Students can get a jump start on their career in engineering by enrolling at RDA!

# Business, Management & Administration

*Organizing, directing, and evaluating functions essential to productive business operations.*

## *Entrepreneurship*

*1 Unit • Grades 12, 11, 10*

*Prerequisite: None*

Whether you want to start your own business or become an invaluable asset to your employer, this course is for you! Students will gain the skills and knowledge necessary to succeed in our rapidly changing and interconnected business environment. Students will explore all aspects of starting and maintaining a business, including advertising, marketing, human resources, customer service, and finance. Computers and Internet technology will be integrated throughout the course, enabling students to see how businesses compete in a global economy. Throughout the semester students will put their knowledge into practice through the development of a business plan. Public speaking, writing, and reading skills will also be enhanced.

***Digital Multimedia I***  
***1 Unit • Grades 11, 10, 12***  
***Prerequisite: None***

This course will give students the opportunity to explore topics and technologies they are interested in through a self-paced, hands-on curriculum. Students will gather information about a topic of choice and use a variety of software packages to design and create multimedia communications, digital narratives, presentations, videos, and written and electronic documents that contain text, images, animation and sound. Students will have the opportunity to operate a variety of digital equipment including scanners, digital cameras, and video cameras. Students should possess strong grammar skills and have the ability to read and follow directions.

***Web Design I***  
***1 Unit • Grades 11, 10, 12***  
***Prerequisite: None***

This information technology course includes a project-based curriculum that teaches the professional web design process using HTML, Dreamweaver, and FireWorks. The design and production projects include: digital photographs, logo design, an electronic portfolio, and basic client websites. Emphasis will be placed on creating exciting and efficient websites that attract the desired audience. Students will learn web design in preparation for higher education or jobs in the Internet Economy. Students should possess strong grammar skills and have the ability to read and follow directions.

***Web Design II***  
***1 unit • Grades 12, 11, 10***  
***Prerequisite: Grade of 85 or better in Web Design I***  
***and Foundations of Animation***

This course explores advanced web design, primarily as it relates to a business model. Students will utilize advanced web design techniques and technology including, but not limited to: Adobe Fireworks, Flash, and Dreamweaver. Using these technologies, students will create functional, interactive web pages that use a client-based system for design.

***Foundations of Animation (formerly called Flash)***  
***1 unit • Grades 11, 10, 12***  
***Prerequisite: None***

This course is designed to give students experience developing animations, interactivity, computer graphics, modeling, and character animation. This course examines the features of Adobe's hugely popular Flash software. Students create and modify movies using objects, graphics, sound, animation, and special effects.

Students must have the ability to read and follow step-by-step instructions for success in this course.

***Digital Multimedia Marketing II***  
***1 Unit • Grades 12, 11, 10***  
***Prerequisite: Grade of 85 or better in Multimedia I***

This project-based curriculum develops career and communication skills in video production for the purpose of marketing and promotion. Students will plan and execute a storyboard for producing podcasts, DVDs, video blogs, webcasts, and video projects. This course develops knowledge in storytelling, capturing and editing video and audio, and finalizing content with Final Cut Express, Adobe Premiere, and iMovie.

Students become skilled in the use of a scanner, digital cameras, and digital camcorders.

## **Health Science**

***Providing diagnostic and therapeutic services, health informatics, support services,  
and biotechnology research and development***

***Introduction to Health Science***  
***1 Unit • Grade 10, 11***  
***Prerequisite: None***

Introduction to Health Science includes an overview of therapeutic, diagnostic, health informatics, support services, and biotechnology research and development pathways in the health science career cluster. The course focuses on health careers exploration, healthcare systems roles, leadership, employability, and communication skills. Students will develop a concept of health maintenance practices, safety, teamwork, and legal and ethical responsibilities. Subject matter will include career choices and application of health concepts relative to becoming a healthcare professional.

***Introduction to Health Science***  
***1 Unit • Grade 10, 11***  
***Prerequisite: None***

Introduction to Health Science includes an overview of therapeutic, diagnostic, health informatics, support services, and biotechnology research and development pathways in the health science career cluster. The course focuses on health careers exploration, healthcare

systems roles, leadership, employability, and communication skills. Students will develop a concept of health maintenance practices, safety, teamwork, and legal and ethical responsibilities. Subject matter will include career choices and application of health concepts relative to becoming a healthcare professional.

***First Aid/CPR***  
***1 Unit • Grades 10, 11***  
***Prerequisite: None***

***Fees: \$15 mask & certification card***

First Aid/CPR is designed to provide students with the knowledge and skills necessary to recognize and care for life-threatening emergencies in adults, children, and infants in order to minimize pain and the consequences of injury or sudden illnesses, until professional medical help arrives. Upon successful completion of the class, students will be certified on adult, child, and infant CPR, automated external defibrillation (AED), and responding to emergencies.

***Health Science Fundamentals***  
***1 Unit • Grades 11***  
***Prerequisite: None***

Health Science Fundamentals focuses on therapeutic, diagnostic, health informatics, support services, and biotechnology research and development pathways of a health science career cluster. The course is designed to develop healthcare specific knowledge and skills, both academic and technical, necessary for transition to clinical or work-based experiences in healthcare. The foundational standards incorporate anatomy and physiology, medical terminology, communication, healthcare systems and teams, health science career research, legal and ethical practice, safety, health and wellness. *\*This course is a prerequisite for Nursing Assisting.*

***Medical Terminology for the Healthcare Professional***  
***(Dual Credit & Honors Weighting) • 1 Unit • Grades 12, 11***  
***Prerequisites: Grade of C or higher on previous course in Biology***

This course is designed to develop in the student a working knowledge of the language of medicine. Students will acquire word-building skills by learning prefixes, suffixes, word-roots, and abbreviations. Utilizing a body systems approach, the student will define, interpret, and pronounce medical terms relating to the structure and function of the human body, pathology, diagnosis, clinical procedures, and interventions. Medical terminology enhances both written and oral communication skills. Knowledge of medical terminology enhances a student's ability to successfully secure employment or pursue advanced education in health science.

*A dual credit agreement with Spartanburg Community College allows students to earn high school and college credit at the same time.*

***Anatomy for the Healthcare Professional***  
***(Dual Credit & Honors Weighting)***  
***1 Unit • Grades 12, 11***

***Prerequisites: Grade of C or higher on previous course in Biology and most recent English; Chemistry recommended.***

This course is designed to provide for the development of multi-occupational healthcare providers. This course introduces a fundamental survey of the human anatomy and physiology. This course will incorporate the study of anatomy, physiology, diseases, diagnostics, therapies, prevention, rehabilitation and interventions. Students will have hands-on experiences that will expand and further their knowledge of the human body and the role of the healthcare provider. This survey of human anatomy provides a valuable foundation and resource to any student planning on entering the healthcare field and/or pursuing advanced education in health science.

*A dual credit agreement with Spartanburg Community College allows students to earn high school and college credit at the same time.*

***Nursing Assisting***  
***(Dual Credit & Honors Weighting)***  
***2 Units • Seniors Only***

***Prerequisites: Successful completion of HSAP***  
***85% or above in Health Science Fundamentals; grade of OCÓ or above in previous English and Biology courses***

***Two step TB test - Results submitted first week of class***  
***Student must possess a discipline record free of assault/battery charges.***  
***Student cannot have plead guilty to or been found guilty of a felony.***  
***Student must present a complete list of immunizations during the first week of class.***  
***Student must have a Social Security Card.***

***Required course costs will include:*** 1)uniforms, 2)certification exam, est. \$101 3)immunizations-2 step TB test 4)Transportation to and from Long Term Care Facility 5)Name badge \$5.00.

This senior level, honors course provides the opportunity for the healthcare student to obtain the theory and clinical experience necessary to meet the requirements to test for the SC Nurse Aide Competency Evaluation and become a certified nursing assistant. Dual credit for AHS 101 is offered through this curriculum, affording students the opportunity to obtain 2 hours of dual college credit. The student will participate in both classroom instruction and laboratory practice to develop the necessary skills to become a paraprofessional in healthcare and complete a clinical rotation at a local long term care facility, during which time he/she will provide total care for geriatric patients, from assisting with meals to bathing, etc. The student will also identify and complete a volunteer service project within the community and develop a personal portfolio. Students must maintain a clean discipline record while enrolled in the course. Discipline which results in OSS may prevent the student from participation in the clinical component or completion of the class. The student must maintain a 77% or better in the course work in order to participate in the clinical component and qualify to take the certification test. All students are required to take the South Carolina Nurse Aide Competency Evaluation Exam at the completion of the course.

### *Pharmacy Technology (\*\*new course offering)*

*1 unit •Seniors only•*

*Prerequisites: Successful completion of HSAP; 90 or above in previous Health Science, Biology II, or Anatomy & Physiology, or Chemistry class*

*\*\*Also, students must purchase a CD rom which serves as textbook and workbook.*

*Estimated cost for student: \$150 (this cost changes yearly)*

*RDA will award scholarships to all students who apply and meet pre-requisites for program*

Pharmacy Technology is designed to train pharmacy technicians to pass the Pharmacy Technician Certifying Board examination. The program includes 90 classroom hours plus 60 homework hours for a total of 150 hours. The American Council of Pharmaceutical Education accredits the program. The CD-ROM format serves as the students' text and workbook. The interactive multimedia training uses Internet access, on-line testing, scoring, and monitoring. The teacher will monitor students' progress via Internet. Students work at their own pace and teachers determine when exams are taken. This course is recommended for students in grade 12 who are scheduled to graduate at the conclusion of the year in which training is begun. Eligibility to register for the Pharmacy Technician Certifying Board examination "requires" a high school diploma.

## **Hospitality & Tourism**

*Managing restaurants and other food services, lodging, attractions, recreation events, and travel-related services.*

### *Culinary Arts I*

*2 Units/1 Semester • Grade 11*

*Prerequisite: None*

*Fee: \$25 for Culinary Jacket & Hat*

This semester course will introduce students to a variety of cooking methods. Emphasis will be on customer service strategies, developing strong work ethics, demonstrating skills when using utensils, tools, and equipment, organizing food service operations, preparing nutritious dishes/meals, and exploring employment opportunities. Students will develop skills in knife, tool, and equipment handling. Students will learn to prepare eggs, dairy products, hot and cold sandwiches, various salads, dips, condiments, garnishes, and hors d'oeuvres. Students will demonstrate a variety of cooking methods including roasting, baking, broiling, smoking, grilling, sauteing, frying, deep frying, braising, stewing, poaching, steaming, wokong, convection, microwaving, and/or other emerging technologies.

### *Culinary Arts II*

*2 Units/1 Semester • Grades 11, 12*

*Prerequisite: 85% or higher in Culinary Arts I*

*Fee: \$31 for Managerial ServSafe Test.*

This semester course will expand on the techniques and skills mastered in Culinary Arts I. This is an advanced course that prepares the serious culinary student for gainful employment and/or entry into post-secondary education. Students will learn how to perform front of the house duties, demonstrate appropriate worker attitudes and behaviors, explain the specific use of dining utensils, clean and sanitize supplies and equipment, explain food safety procedures. Students will prepare potatoes, legumes and grains, pasta and dumplings, bakery products, yeast breads, quick breads, cookies & cakes, pastries and pies, fruits and vegetables, dessert sauces, creams, fruit desserts and tortes. Students will also prepare poultry, fish & shellfish, meat, stocks, soups and sauces. Students will do this through an exploration of world cuisines. This study will include history and culture, as they pertain to cuisine development. Basic food costing, management, inventory, purchasing, and table service will be emphasized. Students will also take the ServSafe Managers Course and test for certification.

## **Human Services**

*Providing for families and serving human needs.*

### *Cosmetology IA, IB, IIA & IIB*

*2 Units/Semester/Year \* Students must be 11th graders to enroll. \*\*This is a two-year program\*\**

*Cosmetology I students must maintain an overall yearly average of 78 in order to enroll in*

*Cosmetology IIA/B as seniors.*

*Fee: \$320 for Cosmetology kit*

**\*In accordance with state licensing requirements, the student must provide a copy of their Social Security card to R.D. Anderson ATC prior to beginning the program.**

The Cosmetology program is designed to train the student in the selection and use of beauty products and equipment, hygiene and sanitation, ethical and legal requirements, and manipulative skills performed in the beauty salon. Over the two-year period, students will become involved in classroom and practical training, enabling students to take the theory and practical examination by the South Carolina State Board of Cosmetic Art Examiners in the spring of their senior year to become licensed cosmetologists. Not only will students learn to cut and style hair, but they will also learn to perform facials, manicures, special conditioning treatments, permanent waving, chemical relaxing, hair color and bleach, plus other chemistry.

*Note: Cosmetology I students must pay \$320 for cosmetology kit by June 30, 2011 to ensure a slot in class. The Cosmetology program is a full two-year program. Students must attend RDA for 1/2 day all year long as a junior (Cosmetology I) and as a senior (Cosmetology II)*

# **Law, Public Safety, Corrections & Security**

*Providing legal, public safety, protective, and homeland security services.*

## ***Fire/Emergency Medical Services I***

***2 Units • Grades 10, 11, 12***

***Prerequisites: None***

***Fees: \$8 for a program T-shirt***

This is the first course offering in a two-semester program. In this course, students will be introduced to the emergency services career offerings and what is required for entry-level positions in the career.

The course will present a comprehensive educational program to students interested in pursuing a career, volunteer service, or post-secondary education in Fire Service or Emergency Medical Services. The firefighting segment prepares students to take the SC Fire Academy classes either as a paid firefighter or a volunteer fire fighter. The Emergency Medical Services portion will offer the student an opportunity to learn techniques used in departments that combine areas of fire/ems and the types of response necessary to become an entry-level first responder, emergency medical technician, and paramedic.

This course prepares students to enter a career which emphasizes good physical health. The student will perform physical fitness exercises and agility drills on a regular basis.

## ***Fire/Emergency Medical Services II***

***2 Units • Grades 11, 12***

***Prerequisites: 16 years of age, 11<sup>th</sup> or 12<sup>th</sup> grade  
and 85% or above in Fire/EMS I***

***Fees: \$8 for a program T-shirt***

This course is a continuation of Fire/EMS I. This course will focus on specialized situations and problems that firefighters come into contact with. Students will learn strategic planning methods and operations that are applied in the fire service. Also included in this course will be an opportunity to become a **Nationally Certified First Responder**. This certification is the first step toward becoming an EMT or paramedic. Once the student completes the classroom training and 1st Responders course, he/she will be assigned to a Co-op work experience at a fire department or EMS service agency.

Students will be required to perform physical fitness exercises and agility drills as part of this course. These drills are done on a regular basis.

## ***Law Enforcement Services I***

***2 Units • Grades 10, 11, 12***

***Fee: \$8 for Program Shirt***

This is the first course offering in a two-semester program. In this course, students will be introduced to the emergency services career offerings and what is required for entry-level positions in the career.

This course will offer an overview of the criminal justice process. Students will learn the duties and responsibilities of the police, courts, and corrections. Included in this course are the historical development of the system and the study of landmark Supreme Court decisions that impact criminal justice.

This course prepares students to enter a career area where individuals are required to be in good physical condition. The student will be required to perform physical fitness exercises and agility drills on a regular basis.

## ***Law Enforcement Services II***

***2 Units • Grades 10, 11, 12***

***Prerequisite: 85% or higher in Law Enforcement I***

***Fees: \$8 for Program Shirt,  
\$15 for CPR mask/certification card***

This is the second course in a two-semester program. In this course, the student will have the opportunity to learn various aspects of police procedures and operations used in law enforcement. Students will participate in demonstrations of search and arrest techniques and fingerprinting. They will gain an understanding of forensics and how it is used in the investigative field today, along with investigative procedures used to solve crimes. Other material will include report writing, collection and preservation of evidence, testifying in court, etc. Students will learn how technology is used in the law enforcement career field and the increasing need for advances in technology for the future. Various guest speakers working in the law enforcement field will deliver presentations on relevant matters and concerns. This course will include field trips and will provide an opportunity for students to see first hand how the police perform their duties. This course will also offer basic CPR and AED Certification.

This course prepares students to enter a career area where individuals are required to be in good physical condition. The student will be required to perform physical fitness exercises and agility drills on a regular basis.

# Manufacturing

*Providing for families and serving human needs.*

## ***Machine Tool Technology I***

***1 Unit • Grades 11, 10 • Prerequisite: None***

This semester class is designed to introduce students to the high-wage, high-skill field of manufacturing and repairing metal parts. This class lets students investigate and experiment with the fields of metal manufacturing such as racecar fabricating, engine building, and mold and die manufacturing. The students will learn safety skills, measurement units, and math skills used by the machinist. They will also learn layout procedures, blueprint reading, hand-tool skills, and basic operations on drill presses, engine lathes and milling machines. The successful student will be prepared to continue more advanced technical studies in Machine Tool Technology II.

## ***Machine Tool Technology IIA, IIB***

***(Dual Credit/Honors Weighting)***

***2 Units/Semester • Grades 12, 11***

***Prerequisite: 85% grade or higher in Machine Tool I***

This year-long Machine Tool II class takes the student more in depth in the operations and set-ups of engine lathes, milling machines, surface grinders, and computerized numeric controlled (CNC) machines. This course offers school-to-career opportunities, including cooperative education and apprenticeship. A dual credit agreement with Spartanburg Community College allows students to earn high school and college credits at the same time. There is a great demand for entry-level machinists in the Upstate area.

## ***Machine Tool Technology III***

***2 Units/Two Semester • Grade 12***

***Prerequisites: Complete Machine Tool Technology II with 90% or higher and have a company sponsor for 3<sup>rd</sup> year.***

Machine Tool III is for those students who are successful in completing Machine Tool Technology II. This course can be taken as a semester course (2 units) or as a year-long course (4 units). It is a TAP credit/co-op class. The student will be on a job training site and/or working on receiving TAP credit through Spartanburg Community College. \*\* School to work training experiences cannot be guaranteed and are influenced by the economy and the availability of such training experiences in the area.

## ***Welding I***

***2 Units/1 Semester • Grades 11, 10***

***Prerequisite: None***

***Fee: \$25 for helmet and gloves***

This semester course enables students to develop sufficient skills for entry-level employment in welding. Students receive classroom instruction in blueprint reading, characteristics of various metals, methods of testing welds, and other related instruction needed by welders. In the laboratory students observe demonstrations and obtain experience in both gas and arc welding through practice exercises. Instruction topics include: Arc Welding, Industry GMAW Welding (MIG), GTAW Welding (TIG), Blueprint Reading, Planning and Estimation. Students will also begin learning basic metal fabrication skills.

## ***Welding II***

***(Dual Credit/Honors Weighting)***

***2 Units/One Semester • Grades 12, 11***

***Prerequisite: 85% grade or higher in Welding I***

The second-year welding students enhance their skills in Stick, M.I.G. and T.I.G. welding on various types of steel. Laboratory experiences are provided, which bring the student in contact with the latest developments in welding practices. Students will also enhance metal fabrication skills by learning to perform tasks such as: laying out sheet metal, fabricating mechanical systems, fabricating speciality sheet metal, fabricating architectural/roofing sheet metal, welding sheet metal, installing mechanical systems and installing speciality sheet metal.

Students may be eligible to participate in cooperative work experience or youth apprenticeship, which would combine classroom occupational training with supervised work experience in an actual job setting.

## ***Welding III***

***(Dual Credit/Honors Weighting)***

***2 Units/One Semester • Grades 12, 11***

***Prerequisite: 85% grade or higher in Welding II***

This third level of Welding will focus on T-Joints, V-Groove Plates, Pipefitting and other advanced welding techniques. Qualifying students will receive both high school and college credit for successful completion of the course. Students will continue to build skills in metal fabrication and welding.

Students may be eligible to participate in cooperative work experience or youth apprenticeship, which would combine classroom occupational training with supervised work experience in an actual job setting.

# Transportation, Distribution & Logistics

*Managing movement of people, materials, and goods by road, pipeline, air, rail, and water.*

## **Automotive Collision Repair I**

**1 Unit • Grade 10, 11**

**Fee : \$20 for respirator**

This semester course introduces students to the high-skill world of the auto collision repair technician. Students are taught beginning-level paint preparation and refinishing. Paint preparation covers sanding, masking, environmental concerns, shop safety, and priming. Refinishing introduces the student to spray gun adjustment, set-up, paint mixing, and the application of single-stage, base coat, and tri-stage paint systems. Eighty-five percent of instructional time will be spent in the shop, performing hands-on repairs. Successful students will be eligible to continue their study in Automotive Collision Repair II.

## **Automotive Collision Repair IIA, IIB**

**2 Units/Semester • Grade 11, 12**

**Prerequisite: 77 or above in Automotive Collision Repair I; \$20 for respirator and must provide coveralls  
(Dual Credit with Greenville Technical College)**

This two-semester course completes the Auto Collision Repair program at RDA. Students will develop skills in sheet metal straightening, sheet metal replacement, detailing, and structural measuring. Metal straightening includes repairing small dents with body filler and preparation for primer. Sheet metal replacement is the removal and replacement of hoods, deck lids, doors, and bumpers. Detailing consists of color sanding, buffing, and interior detailing. Students develop structural measuring skills by using the Genesis Electronic Measuring System and the UMS Mechanical Measuring System. Second semester is dedicated to live repairs and the cooperative education program. Students can repair their own vehicles during this time. Successful program completers can continue their education at Greenville Technical College. Program completers can also receive credit through ICAR (Inter-Industry or Auto Collision Repair). GM, Ford, Chrysler, Honda, Toyota, Nissan, and all major insurance companies require ICAR training. RDA is an authorized training provider for ICAR. Second semester students can receive college credit while enrolled through Greenville Technical College.

## **Automotive Collision Repair III**

**2 Units/Semester • Grade 12**

**Prerequisite: 85 or higher in ACR II**

This is a semester course for Level 2 completers. This course can be taken as a semester course (2 units) or as a year-long course (4 units). Students must have finished ACR II. Students will do co-op and/or live repairs. Students must be able to work independently. **\*\*Co-op/School to work training experiences cannot be guaranteed and are influenced by the economy and the availability of such training experiences in the area.**

## **Automotive Technology I**

**(Dual credit/Honors Weighting)**

**2 Units/1 Semester • Grade 11**

**Prerequisites: Must be in the 11<sup>th</sup> grade to enter Automotive Technology. Fees: \$40 for coveralls; \$13 for SkillsUSA; \$25 for Engine/Electrical Task Manual**

Automotive Technology I is a two-period, first semester course which covers shop safety, proper tool usage, shop practices, vehicle, system identification, and environmental awareness. In addition, Engine Fundamentals, diagnosis, repair, and service are covered during the first semester.

## **Automotive Technology II**

**(Dual credit/Honors Weighting)**

**2 Units/1 Semester • Grade 11**

**Prerequisites: Grade of 77 or higher in Automotive Technology I**

Automotive Technology II is a two-period, second semester course which covers electrical/electronic system fundamentals, diagnosis, service and repair.

## **Automotive Technology III**

**(Dual credit/Honors Weighting)**

**1 Unit per Semester • Grade 12**

**Prerequisite: Grade of 77 or higher in Automotive Technology II**

Automotive Technology III is a one period (3<sup>rd</sup> period), two-semester long course. Students enrolled in this course will study: Brakes, Steering and Suspension (alignments), and Engine Performance/Drivability. The majority of the student's time will consist of practical hands-on application as specified by the SC Department of Career/Technical Education and NATEF (National Automotive Technicians Education Foundation) on live vehicles or trainers.

## **Automotive Technology IV/Co-op**

**Grade 12 • 1 Unit per semester**

**Prerequisites: Enrollment in Automotive Technology III**

Automotive Technology IV is a one period, (4<sup>th</sup> period) two-semester course. This course is open to all students enrolled in Auto Technology III. This consists of either co-op at an approved facility or 100% structured lab time. In either case, students work on NATEF prescribed task. Students are required to keep detailed documentation of all performed tasks. Co-op students must meet all R. D. Anderson co-op requirements and follow all policies.

