

Strom Thurmond High School & Strom Thurmond Career and Technology Center 2024 - 2025 Course and Career Planning Guide

This guide has been prepared so that students and their parents can develop a plan for their high school experience from the 9th grade to the 12th grade. Both students and parents should carefully read through the following explanatory information, which will help them better understand the educational programs offered at both Strom Thurmond High School and the Strom Thurmond Career and Technology Center.

During the Individual Graduation Progress (IGP) meeting with your school counselor, you will be able to discuss the options available to you and produce a plan towards graduation with the designated courses chosen. It is very important that each student takes the selections of courses for the next school year seriously. Those requests for each elective determine the classes that will be offered the next school year to best use our faculty and facilities.

After schedules have been finalized and printed for the new school year, students will be able to request a schedule change during the first ten days (for a year long course), or the first 5 days of school (for a semester course) under the following circumstances: students that need a credit for graduation, students that need a course to complete a career and technology education program for completion status, if there is a scheduling error, if a student is scheduled into a course that they have already earned credit for, or if a student needs to retake a course for graduation or promotion.

Upperclass students will also make selections between two career academies. A career academy is a type of school-within-a-school or small learning community that provides a college-preparatory curriculum with a career related to them. Career academies generally share three basic features: Academies are small learning communities, academies combine a college-prep curriculum with a career theme, academies embody partnerships with employers and postsecondary education. Career academies prepare students to meet the demands of having a qualified workforce while providing the opportunity for successful high school graduation, gainful employment, postsecondary education, and industry-recognized certification.

Graduation Requirements

Students must meet the following requirements to promote to each grade level and to graduate when the time comes.

Graduation and Promotion Requirement Guideline			
Graduation Requirements Subject Units Required		Promotion Requirements for Each Grade Level Grade Level Required Credits Required	
English	4	<i>To Tenth Grade</i> English , Math (1 Unit), 3 Additional Credits	5 Credits
Math	4	<i>To Eleventh Grade</i> English 1 & 2 (2 Units) Math (2 Units) Science (1 Unit) Social Studies (1 Unit) 5 Additional Credits	11 Credits
Science (*Biology is Required)	3	<i>To Twelfth Grade</i> English (3 Units) Math (3 Units) Science (2 Units, 1 in Biology) Social Studies (1 Unit) 8 Additional Credits	17 Credits
U.S. History	1	<p>4 year Colleges/Univ. require:</p> <ul style="list-style-type: none"> ● 2 or 3 years of the same Foreign Language ● A fine arts credit ● Math course over Algebra 2 ● Two academic electives ● Three lab sciences <p>2 year colleges require:</p> <ul style="list-style-type: none"> ● High school diploma or GED for degree seeking students ● SAT/ACT scores or placement test <p>The US Military requires:</p> <ul style="list-style-type: none"> ● High school diploma ● ASVAB entrance scores ● Physical fitness assessment 	
Economics	0.5		
U.S. Government	0.5		
Other Social Studies	1		
Physical Education or NJROTC	1		
Computer Science	1		
Foreign Language OR Career Education	1		
Electives(beginning with the class of 2027, 6.5 electives and .5 of personal finance)	7		
Total	24		

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South Carolina State Scholarships

Palmetto Fellows Scholarship

The South Carolina General Assembly established the Palmetto Fellows Scholarship Program in 1988 to retain academically talented high school graduates in the state through awards based on merit. Eligible full-time students may receive up to \$6,700 for the freshman year toward the cost of attendance at an eligible four-year institution in South Carolina. The award amount for the sophomore, junior and senior years is up to \$7,500 per year; STEM students will receive up to \$10,000. This is halved between the fall and spring semesters. Palmetto Fellows may receive scholarship funding for a maximum of eight consecutive terms of full-time study toward the first bachelor's degree or ten consecutive terms of full-time study toward the first approved five-year bachelor's degree at an eligible four year or two year institution in South Carolina. Amounts may vary based on legislative funding. View updates at <http://www.che.sc.gov>.

For Early Awards, applications must be submitted by counselors in April. For Final Awards, applications must be finalized in June. Students must meet the following academic requirements below to qualify:

1. Score at least 1200 on the SAT or 25 on the ACT by the November test administration; earn a minimum 3.50 cumulative GPA using the SC Uniform Grading Policy (GPA) at the end of the junior year, and rank in the top six percent of the class at the end of either sophomore or junior year.

2. If class rank criteria is not met, students must score at least 1400 on the SAT or a 31 on the ACT and earn a minimum 4.0 cumulative GPA using the SC GPA at the end of the junior year

*** Palmetto Fellows Scholarship awardees cannot be a recipient of the LIFE, HOPE or Lottery Tuition Assistance. Scholarships funded by the lottery are only available to students attending eligible institutions in the State of South Carolina.

LIFE Scholarship

The South Carolina General Assembly established the Legislative Incentives for Future Excellence (LIFE) Program in 1998 to increase access to higher education, improve employability of South Carolina's students, provide incentives for students to be better prepared for college, and encourage students to graduate from college on time. Eligible full-time students may receive the following awards.

Two Year Colleges: Up to the cost of tuition and a \$300 book allowance each academic year at an eligible two-year public or technical institution in South Carolina. Students must graduate from high school with at least a cumulative 3.0 GPA in the UGP.

Four Year Colleges: Up to \$5,000 each academic year toward the cost of attendance at an eligible four-year institution in South Carolina; STEM students will receive up to \$7,500.

Students must meet two of the following three criteria:

1. Earn at least a 3.0 cumulative GPA based using the UGP upon high school graduation

2. Rank in the top 30 percent of the graduating class

3. SAT score of at least 1100 or 22 on the ACT through June of the senior year. (Only the Math and Reading scores of the SAT may be included)

*** Students must be SC residents at the time of graduation and college enrollment. LIFE scholarship awardees may not be recipients of Palmetto Fellows, HOPE or Lottery Assistance.

[Learn more here.](#)

The Enhanced Palmetto Fellows and LIFE Scholarships for STEM Majors

The South Carolina General Assembly has passed legislation that enhances the value of the Palmetto Fellows and LIFE Scholarship awards for students majoring in science and mathematics related disciplines. Eligible students for the Enhanced Palmetto Fellows may receive up to \$10,000. Enhanced LIFE scholarship students may receive \$7500. These awards begin after the completion of 30 college credit hours, declaration of an eligible major and fourteen credit hours in math and science courses. The student must also meet the basic requirements for the LIFE and Palmetto Fellows Scholarships which includes maintaining at least a 3.0 GPA. As a result of the complexity of these regulations, it is recommended that parents and students check the eligible majors at <http://www.che.sc.gov>.

SC Hope Scholarship

The SC HOPE Scholarship Program was established under the SC Education Lottery Act in 2001. It is a one-year merit-based scholarship created for eligible first-time entering freshmen attending an eligible four-year institution in

South Carolina. Eligible full-time students may receive up to \$2,800 toward the cost of attendance for a maximum of two terms.

Eligibility Requirements - Students must earn at least a 3.0 cumulative GPA based using the UGP upon high school graduation. Students must be SC residents at the time of graduation and college enrollment. If a SC Hope Scholarship recipient satisfies the criteria of having a 3.0 GPA and 30 credit hours earned by the end of the first academic year, they can be enrolled in the LIFE Scholarship Program. *There are no applications for LIFE or SC Hope Scholarships. Eligible institutions notify students if they qualify for the Scholarship. [Learn more here.](#)

Dual Enrollment

Dual enrollment courses are offered each semester only through Piedmont Technical College. This program is designed for highly motivated juniors and seniors who choose to earn college credit while still enrolled in high school. Most students earn Dual Credit, meaning that they receive college credit and high school credit simultaneously, which has been approved in advance by a high school counselor. Other students enroll in courses at Piedmont as Early Admission students, taking courses beyond those required in high school. These courses only earn college credit.

Requirements

Students must complete the following requirements prior to filling out the Dual Enrollment [FORM](#) with the STHS Dual Enrollment Coordinator: 3.0 GPA or higher
 Completed English 1-4 Honors or English 1-3 Honors and AP English Lit or AP English Lan
 Meet PTC requirement of scores on the PSAT, PreACT, SAT or ACT
 ***If the score is not met or test not taken, student must pass the Placement Test at PTC

Types of Courses

With the appropriate approval, students can enroll in any of the following types of courses:

- Piedmont Technical College courses taught at the high school, earning dual credit. These courses can be found throughout the catalog under the appropriate department and denoted as dual enrollment.
- Regularly scheduled Piedmont Technical College courses taken with Piedmont Technical College students.
- Online courses where students work independently in a virtual classroom taught by Piedmont faculty on the college's schedule; students must register for online courses directly with Piedmont Technical College

Seals of Distinction

Students enrolled in South Carolina high schools shall have the opportunity to earn graduation Seals of Distinction within each high school diploma pathway that identifies a particular area of focus, beginning with students entering the ninth grade during the 208–19 school year. Students are not required to earn a Seal of Distinction in order to receive a diploma. For more information, go to the SC Department of Education website, <https://ed.sc.gov/>.

Honors Seal of Distinction	College-Ready Seal of Distinction	Career Ready Seal of Distinction	Specialization Seal of Distinction
UGP GPA 3.5 or higher	UGP GPA 3.0 or higher or ACT 20 or higher or SAT 1020 or higher Tests may be superscored	UGP GPA 3.0 or higher	UGP GPA 3.0 or higher
English- 4 credits 2 at honors or higher level Math - Algebra 1, Algebra 2, Geometry, and a 4th higher level math requiring Algebra 2 as a prerequisite 3 at honors or higher levels Lab Science - 3 credits 2 at honors or higher level Social Studies - 3 credits 2 at the honors or		Career and Technical Education (CTE) Completer with an industry recognized credential OR 3 or higher on the SC Career Readiness Assessment OR Completion of Career Ready Work-Based	(Complete one area to qualify) STEM - 4 credits beyond required courses in math, science, technology, and engineering; at least 2 at honors level or higher; may be in 1 area of STEM or across 4 areas World Language - 4 credits in the same language OR minimum ACTFL Exam score of "Intermediate Low" (or an equated score

<p>higher level</p> <p>World Languages - 2 credits of the same language for students entering 9th grade in 2018-19 3 credits of the same language for students entering 9th</p> <p>Advanced Coursework - 4 additional credits of honors or higher completed during the Junior/Senior years (the last 2 years prior to graduation)</p>	<p>English- 4 credits</p> <p>Math - Algebra 1(or the equivalent of Algebra 1), Algebra 2, Geometry, and a 4th higher level math</p> <p>Lab Science - 3 credits</p> <p>Social Studies - 3 credits</p> <p>World Languages - 2 credits in the same language</p> <p>Fine Arts - 1 credit</p>	<p>Learning (WBL) placement</p>	<p>on STAMP or ASL assessment) OR AP exam score of 3 or higher OR IB exam score of 4 or higher before the senior year; English Learners - all criteria above and Level 5 composite ACCESS test score</p> <p>Military - 4 credits in JROTC and an ASVAB score of 31 or higher</p> <p>Arts - 4 credits single or multiple areas of the Arts; 2 or more at honors or higher level and *mastery on external exam or performance task. *waived for Class of 2022</p>
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English Department Courses

English 1 302400CW GRADE PLACEMENT: 9
CREDIT: 1 Unit

English 1 is a course designed to meet the needs of students performing on grade level. Content of the course includes the four basic areas: grammar, literature, composition and vocabulary. Emphasis is placed on language mechanics, word usage, paragraph and essay development and reading skills. Composition skills in exposition, description, narration and persuasion are emphasized.

English 2 H 302500HW GRADE PLACEMENT: 9,
10 CREDIT: 1 Unit PREREQUISITE: English 1 in
8th Grade

English 2 H is an advanced college preparatory course constructed to meet the needs of students who excel in language arts skills. Content of this course includes four basic areas: grammar, literature, composition and vocabulary. The student will read extensively and intensively in both the text and teacher-assigned parallel reading. In addition, the student frequently will write papers ranging from essays to research length. S

English 2 302500CW GRADE PLACEMENT: 9,
10 CREDIT: 1 Unit PREREQUISITE: English 1

English 2 is a course designed to meet the needs of students performing on grade level. Content of the course includes the four basic areas: grammar, literature, composition and vocabulary. Emphasis is placed on language mechanics, word usage, paragraph and essay development and reading analysis. Composition skills in exposition, description, narration and persuasion are emphasized. Research techniques are also taught. The student will do teacher- assigned and self selected parallel reading.

English 3 302600CW GRADE PLACEMENT: 11
CREDIT: 1 Unit PREREQUISITE: English 2

English 3 is a course designed to meet the needs of students performing on grade level. Content of the course includes the four basic areas: grammar, literature, composition and vocabulary. The purpose of this course is to contribute substantially to communications education for employment at all levels. This purpose is achieved by the use of comprehensive curriculum materials that are complemented by sequenced videos that support the teaching of communication skills. A concentrated study of American literature is presented in such a way as to reinforce communications skills.

English 4 302700CW GRADE PLACEMENT:
11-12 CREDIT: 1 Unit PREREQUISITE: English
3

English 4 is a course designed to meet the needs of students performing on grade level. Content of the course includes four basic areas: grammar, literature, composition and vocabulary. The purpose of the course is to provide a more practical approach to communications education necessary for employment. Innovative instructional techniques will help students develop the knowledge skills and attitudinal skills to deal with the changing expectations in the workplace. This activity-oriented approach to learning will be directed at all learning styles--focusing on listening, speaking, and writing skills. Students will also be involved in a concentrated study of British Literature.

AP English Lit and Composition 307000AW
GRADE PLACEMENT: 11-12 CREDIT: 1 Unit
PREREQUISITE: Teacher/Counselor
recommendation based upon performance level
(English 2 Honors and/or AP Language)

Students enrolled in these courses must demonstrate a high level of motivation and achievement in the prerequisite coursework. Students engage in rigorous study of 20th century British literature plus selections from world literature. Compositions focus on the analytical skills needed for the AP exam. Complementary reading (during the summer and school year) is required. The course meets the objective of a general English course at the college level. The College Board determines the course description; therefore, the content of this course must adhere to those requirements. This course is linked to a required half-unit extension honors course.

Dual Enrollment Credit English 101/102
301501EW/301602EW GRADE PLACEMENT: 12
CREDIT: 2 Units (6 hrs, 3 each) PREREQUISITE:
Completion of English 1H, 2H, 3H, 4H or AP Lit

These are college level English courses offered through Piedmont Tech. Usually, English 101 is taught in the Fall Semester and English 102 is taught in the Spring. The cost of textbooks will be given to students prior to the start of class. Student's will create a portfolio as a component of this course.

AP Language 307100AW Offered to students who
have completed English 2 Honors. 1 Unit

In this course, students choose their own topic to

study while they learn and build research skills, including investigation, collaboration, writing, and presentation. The course skills are organized within nine units that scaffold student development of the analysis and composition skills required for college credit. For each unit, the teacher selects a theme or topic and then chooses texts, typically short nonfiction

pieces, that enable students to practice and develop the reading and writing skills for that unit. This course framework provides a description of what students should know and be able to do to qualify for college credit or placement. As always, you have the flexibility to organize the course content as you like.

Math Department Courses

Intermediate Algebra 411700CW GRADE

PLACEMENT: 10 CREDIT: 1 Unit

PREREQUISITE: Foundations of Algebra

This is the second course in a two course integrated sequence, which emphasizes the application of algebraic concepts and skills to solve mathematical and contextual problems that can be modeled with linear, quadratic, exponential and rational functions. These problems may include scenarios related to geometry, data, statistics, direct variation, and inverse variation. Students also use graphs and tables to display and solve problems using graphing calculators and/or computer technology as appropriate.

Algebra 1 H 411400HW GRADE PLACEMENT:

9 CREDIT: 1 Unit PREREQUISITE: Teacher recommendation

This course is designed for students who have demonstrated exceptional mathematical abilities and others desiring a formal background in mathematics. It is necessary for students to be competent in the basic mathematical computation skills involving real numbers. This course includes sets, signed numbers, linear, fractional and quadratic equations, graphs, extensive factoring, fractions and polynomials.

Algebra 1 CP 411400CW Grade Placement:

9-10 Credit: 1 Unit

This course is a study of the concepts and problem-solving processes contained in the basic structure of algebra. Topics studied include the real number system, equations and inequalities, operations with polynomials, radicals, quadratics, exponentials and graphing. In addition to traditional computational methods, students use graphing calculators and/or computer software as tools for problem solving.

Geometry H 412200HW GRADE PLACEMENT:

9-10 CREDIT: 1 Unit PREREQUISITE: Algebra 1 Honors and Teacher recommendation

This course is designed for students who have demonstrated exceptional mathematical abilities. It provides a comprehensive study of geometric concepts and principles. Emphasis is placed on student discovery and exploration and on formulating

and defending conjectures. Geometry includes an in-depth study of reasoning, polygons, congruence, similarity, right triangles, circles, area, volume, and transformations. Students will use a variety of approaches, such as coordinate, transformational, and axiomatic systems and will develop an appreciation for the connections between geometry and other disciplines.

Geometry CP 412200CW GRADE

PLACEMENT: 9-11 CREDIT: 1 Unit

PREREQUISITE: Found. of Algebra and Inter.

Algebra or Algebra 1 FIRST COURSE AFTER

INTERMEDIATE- All incoming CP 8th grade

students will take Geometry their Freshman year.

This course focuses on the study of characteristics and properties of plane and solid geometric figures. Students apply their knowledge of geometric concepts and principles to solve problems with an emphasis on theoretical characteristics and principles. Students solve problems involving numerical applications of geometric concepts and principles, and develop logical reasoning through writing geometric proofs. In addition to traditional computational methods, students use graphing calculators and/or computer software as tools for problem solving.

Algebra 2 H 411500HW GRADE PLACEMENT:

10-11 CREDIT: 1 Unit PREREQUISITE: Algebra

1 H or Geometry H

This course is designed for students who have demonstrated exceptional mathematical abilities and others desiring a formal background in mathematics.

This course gives a thorough review of Algebra 1 followed ;.by new

topics of complex numbers, logarithms, and the study of graphs in two and three dimensions. A continuing goal of the course is the enhancement of the student's ability to reason deductively and his/her understanding of the need for precision of mathematical language.

Algebra 2 CP 411500CW GRADE

PLACEMENT: 10-12 CREDIT: 1 Unit

PREREQUISITE: Algebra 1 and Geometry

This course is a continuation of Algebra 1: Topics include, but are not limited to the study of linear and quadratic equations and inequalities and their graphs,

polynomials, factoring, operations with radicals and complex numbers.

Pre-Calculus H 413101HW GRADE
PLACEMENT: 11-12 CREDIT: 1 Unit
PREREQUISITE: Algebra 1 and 2 H, Geometry H

This course is designed for students who have demonstrated exceptional mathematical abilities and desire to take Calculus Honors. It is appropriate for students who wish to experience a challenging rigorous introduction to college mathematics. includes the study of relations and functions, linear and quadratic systems, polynomials, sequences and series, limits and trigonometry. With concentrated effort by the student, this course will provide adequate foundation for a subsequent study of calculus.

Probability and Statistics 414100CW GRADE
PLACEMENT: 11-12 CREDIT: 1 Unit

Calculus H 413501HW
GRADE PLACEMENT: 12 CREDIT: 1 Unit
PREREQUISITE: Precalculus H

This course is designed for mathematically gifted students who expect to take calculus at the post high school level. It provides a foundation in limits, continuity, derivatives, applications of derivatives (related rates, curve-sketching, optimization), integrals, applications of integrals (volumes, accumulation of change, differential equations), and techniques of integration.

PREREQUISITE: Algebra I and Geometry

Probability and Statistics includes the following topics: introductory probability and statistics including organization of data, counting problems, binomial and normal distribution, central limit theorem, confidence intervals and test hypothesis for large and small samples, type I errors, linear regression and correlation. Data from the world of work will be utilized in addition to the textbook.

Applications and Modeling **NEED COURSE NUMBER** Grade Placement: 11-12 Credit: 1 Unit
Prerequisite: Algebra 1 and Geometry

Mathematical Modeling is designed to engage students in doing, thinking about, and discussing mathematics, statistics, and modeling in everyday life. It allows students to experience mathematics and its application in a variety of ways that promote financial literacy and career-based decision making

Science Department Courses

Environmental Science 326100CW GRADE
PLACEMENT: 11-12 CREDIT: 1 Unit

Environmental science is a course dedicated to understanding the interactions between earth's natural systems and the demands placed on them by the human population. In this course, students will examine the scientific principles, elements of life science, physical science and social sciences and how they relate to current events. This course is also based on major themes of modern environmental sciences: humans and sustainability; science and ecological principles; sustaining biodiversity and natural resources; and sustaining environmental quality and human societies. Students will gain an awareness of the importance of Earth's systems in sustaining our daily lives, plus the scientific foundation and tools needed to apply critical thought to contemporary environmental issues.

Earth Science 326502CW GRADE
PLACEMENT: 9-12 CREDIT: 1 Unit

Students will study the processes and interactions of earth and space systems and how they relate to the dynamics of our atmosphere, geosphere, hydrosphere, and biosphere. Lab activities will reinforce concepts and emphasize process skills.

Biology H 322101HW GRADE PLACEMENT: 9-10
CREDIT 1 Unit PREREQUISITE: As a 9th grader, student must have successfully completed Algebra 1 and English 1 in middle school with an 85 or better.

This course is designed to give students an understanding of the five core areas of Biology: Cells as Systems, Energy Transfer, Heredity, Biological Evolution, and Ecosystem Dynamics. Emphasis is placed on scientific inquiry techniques and applying knowledge to real-world scenarios. Students will take an EOC Exam in May.

Biology CP 322101CW GRADE PLACEMENT: 9-10
CREDIT: 1 Unit PREREQUISITE: Earth Science. As a 9th grader, if did not meet requirements for Bio H may take Bio CP for freshmen only.

This course explores the five core areas of Biology: Cells as Systems, Energy Transfer, Heredity, Biological Evolution, and Ecosystem Dynamics. Problem-solving, decision-making, critical thinking and

applied learning are emphasized in this class. Lab activities will reinforce concepts and emphasize these process skills. Students will take an EOC Exam in May.

Chemistry H 323101HW GRADE
PLACEMENT: 10-12 CREDIT: 1 Unit
PREREQUISITE: Geometry Honors and Biology H (85 or better) and teacher recommendation
CO-REQUISITE: Algebra 2 H

This course is designed for students who plan on pursuing a career in science or engineering. Topics presented include a study of the structure of matter, chemical bonding, chemical reactions and solutions. Laboratory activities are designed to reinforce concepts and teach techniques.

Chemistry CP 323102CW GRADE PLACEMENT:
11 - 12 CREDIT: 1 Unit PREREQUISITE: C or higher in Biology; Geometry H or CP and Teacher Recommendation CO-REQUISITE: Algebra 2

This course is designed to introduce topics in chemistry such as measurements and calculations, atoms and elements, chemical reactions and solution. Hands-on learning, lab work, and problem solving are all important aspects of the class.

Human Anatomy and Physiology H 326301HW
GRADE PLACEMENT: 11-12 CREDIT: 1 Unit
PREREQUISITE: Biology H and Chemistry H, completed with an average of 85 or higher and teacher recommendation

This lab elective covers human health, medical advances, and the structure and function of the human systems. The class will include lecture, reading assignments, and laboratory activities.

Forensic Science 324501CW GRADE
PLACEMENT: 11-12 CREDIT: 1 Unit
PREREQUISITE: Biology and Chemistry H or CP

This is a full year course designed to give students an understanding of the scientific theories and techniques that have become important in solving crimes and convicting criminals. Students will investigate topics such as fingerprinting, fiber/hair analysis, DNA analysis, ballistics, document examination, odontology, anthropology, drug analysis, blood splatter, entomology, gunshot residue, footprint

analysis, and fire debris analysis. Lab activities will be used to reinforce concepts and teach techniques.

Physics H 324101HW GRADE PLACEMENT: 11-12
CREDIT: 1 Unit PREREQUISITE: Biology H; Chem H and Algebra 2 H/CP with B average or higher

This course includes topics in measurement, mechanics, heat and kinetic theory, electricity and magnetism. In addition, motion in one and two dimensions will be studied. Due to the nature of physics students must possess a strong math background as quantitative problem solving is emphasized throughout the entirety of the course.

Classroom demonstrations and laboratory investigations are used to reinforce concepts.

AP Biology 327200AW GRADE OFFERINGS 11-12
Prerequisites: Completion of Biology Honors and Chemistry Honors with 85+. 1 Unit

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore topics like evolution, energetics, information storage and transfer, and system interactions.

Social Studies Department Courses

Human Geography 331002CW GRADE

PLACEMENT: 9-10 CREDIT: 1 Unit

Students study Earth's human geography beginning with the use of maps and other geographic representations to understand and communicate geographic information. Students will examine patterns and processes of how human characteristics and activities vary across Earth's surface and how humans understand, use, and alter the surface of Earth. This course is organized around the topics of population and migration geography, economic geography, cultural geography, political geography, and urban geography.

World History H 336001HW GRADE

PLACEMENT: 9 CREDIT: 1 Unit

This is an honors course that reviews the political, social, economic and artistic development of every major culture in human history from the classic period on. Emphasis is placed on recent history, western culture, interpreting current world events and skills in map reading.

AP Human Geography 337900AW GRADE

PLACEMENT: 10 CREDIT: 1 Unit

This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice.

Psychology 334001CH GRADE PLACEMENT:

10-12 CREDIT: 0.5 Unit

The primary purpose of this course is to give the student a better understanding of individual motivations and behavior. Recognizing that no two people are exactly alike in personality, students learn those factors that influence the formulation of an individual's self-concept and how attitudes affect behavior. Students will also learn to identify major developments in the history of psychology.

Sociology 334501CH GRADE PLACEMENT:

10-12 CREDIT: 0.5 Unit

This course examines the social, political, religious,

economic and educational institutions that affect human relationships and society. The interaction of people with one another and within groups is emphasized. Major areas of emphasis will include: socialization, self-concept, roles, social issues and problems, deviant behavior, social stratification and social change.

Government H 333001HH GRADE

PLACEMENT: 12 CREDIT: 0.5 Unit

PREREQUISITE: World History H

This is an advanced college preparatory course. It is designed as a concentrated analysis of our system of government and its elected officials at the national, state and local levels. Ideologies are compared as emphasis is placed on our democratic ideals and the Constitutional framework that guides policy.

Government 333002CH GRADE PLACEMENT:

12 CREDIT: 0.5 Unit

This course is designed as a practical study of our government and its elected officials at the national, state and local levels. Emphasis is placed on the functions of the executive, legislative and judicial branches, as comparisons are made with other political systems.

Economics H 335001HH GRADE PLACEMENT:

12 CREDIT: 0.5 Unit PREREQUISITE: World History H

This is an advanced college preparatory course which emphasizes choices that must be made by individuals, businesses, and governments in the use of the planet's scarce resources. The study of economics includes an examination of how supply and demand and government intervention influence prices of goods, services, and labor. World History teacher recommendation required.

Economics 335002CH GRADE PLACEMENT:

12 CREDIT: 0.5 Unit

The purpose of this course is to introduce students to situations in which choices must be made on how to use limited resources, when to use them and for what purposes. The study of economics includes an examination of various issues: the environment, inflation, conservation, taxation, and the working of the free enterprise economic system.

AP Macroeconomics 337400AW GRADE
PLACEMENT: 12 CREDIT: 1 Unit

This course is designed to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. This course places emphasis on the study of national income and price determination and also develops familiarity with economic performance measures, economic growth and international economics.

U.S. History H 332001HW GRADE
PLACEMENT: 11 CREDIT: 1 Unit
PREREQUISITE: Economics/Gov. Honors

This study of the historical development of the United States will give advanced students an understanding of the democratic ideals that have helped form the American government and the way of living from colonial times to the present. Students will be able to see how the events and developments of the nation's past have influenced its present and will influence its future. Requires Government/Economics teacher recommendation. At the end of the year, students take the End of Course (EOC) assessment.

U.S. History 332002CW GRADE PLACEMENT:
11 CREDIT: 1 Unit

This course is designed to give the student a general study of the history of the United States from the Era of Discovery to the present, with special emphasis on the founding documents. Students will be able to see how the events and developments of the nation's past have influenced its present and will influence its future. At the end of the year, students take the End of Course assessment.

AP United States History and Constitution
337200AW GRADE PLACEMENT: 11 CREDIT:
1 Unit PREREQUISITE: Teacher/Counselor
recommendation

Course syllabus meets approved guidelines set by the Visit Piedmont Technical College's website for details.

*Dual enrollment credit is not available for US History.

College Board. Specific emphasis is placed on social, cultural, economic and political changes throughout American history.

Dual Credit Western Civilization to 1689
336600EW GRADE PLACEMENT: 11-12 CREDIT: 1
Unit (3 hrs) PREREQUISITE: Economics/Gov. Honors
and meet Dual Enrollment requirements

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. Students must purchase textbooks.

Dual Credit Western Civilization Post 1689
336700EW GRADE PLACEMENT: 11-12 CREDIT: 1
Unit (3 hrs) PREREQUISITE: Economics/Gov. Honors
and meet Dual Enrollment requirements

This course is a survey of Western Civilization 1689 to the present, including the major political, social, economic and intellectual factors shaping Western cultural tradition. Students must purchase textbooks.

Political Science - American Government
333100EW GRADE PLACEMENT: 12 CREDIT: 1 Unit
(3 hrs) PREREQUISITE: U.S. History and meet Dual
Enrollment requirements

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

PSC 215 - State and Local Government 437200EW
GRADE PLACEMENT: 12 CREDIT: 1 Unit (3 hrs)
PREREQUISITE: US History and meet Dual
Enrollment requirements

This course is a study of state, county and municipal government systems, including interrelationships among these systems and within the federal government.

SC High School Credential Courses

The uniform state-recognized South Carolina High School Credential will be aligned to a newly created course of study for students with disabilities whose Individualized Education Program (IEP) team determines this course of study is appropriate. The SC High School Credential is not a SC High School Diploma. To align with the State's Profile of the South Carolina Graduate, an opportunity that will assist these students in acquiring skills necessary to be successful after high school is critical. The purpose of S.C. Code Ann. Section 59-39-100 and State Board of Education Reg. 43-235 is to provide equitable job-readiness opportunities for these students throughout the state, to ensure they have evidence of employability skills, and honor the work they have undertaken in our public schools.

Courses Units Required

Career English/ELA 4

Career Math 4

Career Science 2

Career Social Studies 2

Physical Education or NJROTC 1

General Electives 6

Career Investigations/Employment Investigations 4

Career English 1, 2, 3 and 4 Grades 9-12 4 units

Career English 1: Students will expand their abilities and knowledge in written and spoken vocabulary, questions and answers, and descriptions. The course also includes a secondary emphasis on life skills, culture and reading comprehension.

Career English 2: Students in this course will improve vocabulary skills as well as reading comprehension and writing ability. Students will build on previous knowledge and pave the way for further learning.

Career English 3: Students will work to improve vocabulary, writing skills, grammar ability and reading comprehension. In addition to further development of their English skills, students will be able to gain basic computer skills while using interactive language software.

Career English 4: Students will enhance writing and speaking skills for the workplace. Generating short writings, such as job application documents and memoranda, and developing interpersonal communication skills with employees and the public are emphasized, with substantial focus on occupational performance requirements and industry standards.

Career Math 1, 2, 3 and 4 Grades 9-12 4 Units

Career Math 1: Students will demonstrate knowledge in areas that include fundamentals of addition, subtraction, multiplication, and division in problems involving whole numbers, fractions, decimals, ratios, percentages, and geometric measurements and

formulas.

Career Math 2: Students will review mathematical skills needed for the study of algebra as well as a brief introduction to algebra. Topics include the arithmetic of positive integers, fractions, decimals and percents; applications of these arithmetic skills to problems involving measurement, percent, ratio, and proportion; and calculator skills.

Career Math 3: Students will extend their knowledge of mathematics and develop appropriate consumer and career mathematical skills. Course content will cover such topics as basic operations, ratio, percent, algebra and geometry concepts, probability, measurement, and many consumer topics. Technology will be integrated.

Career Math 4: This course includes application of basic mathematical fundamentals to business situations that occur in home and in business. It includes personal and business banking, personal and business budgeting, long and short-term credit, interest, and investments. It will include the use of calculators and computers to solve business application problems.

Career Science 1, 2, and 3 Grades 9-11 2-3 Units

Career Science 1: Students will be given a basic understanding of key physical science concepts. Students will focus on learning overall concepts and theories to help them understand and explain aspects of nature. Career Science 2: Students will study living organisms and their interactions with each other and environment. The students will participate in laboratories designed to help them understand the nature of living organisms along with

their similarities and differences.

Career Science 3: Students will study matter, atomic theory, chemical reactions and interactions, and the laws that govern the study of chemistry.

Career Social Studies 1, 2 and 3 Grades 9-11 2-3 Units
Career Social Studies 1: Students will study world history. Students will get a taste of various cultures and their history around the world. Career Social Studies 2: Students will study American history. Students will study topics that range from discovery and explorations through the most recent presidential administrations.

Career Social Studies 3: Students will study American government and economics. Students will study the basic understanding of the institutions and functions of government in America and real world economic concepts such as basic consumer economics and savings.

Career Investigation Courses Grades 9-12 4 Units
Career Investigation 1: Students will explore different careers. Students will also gain knowledge and participate in job preparation skill training. Students will begin their initial phase of job readiness.
Career Investigation 2: Students will gain skills in retail/stock assistant, office assistant and small

business. Students will do projects, shadow and attend seminars geared towards these careers.
Career Investigation 3: Students will gain skills in lawn care, greenhouse and carpentry. Students will do projects, shadow and attend seminars geared towards these careers.

Career Investigation 4: Students will gain skills in auto detailing and law enforcement. Students will do projects, shadow and attend seminars geared towards these careers.

General Electives Grades 9-12 6 Units
General electives will consist of six units from any of the following: Fine Arts electives, PE 2/Weightlifting, Vocational Courses, Career Block, Academic Support, etc.

Physical Education Grades 9-12 1 Unit
One unit of physical education and/or one unit of NJROTC will be required to obtain the District Occupational Credential.

Adapted PE 344500CW 1 Unit

specially designed instruction in physical education that has been adapted or modified so that it is as appropriate for the person with a disability as it is for a person without a disability.

STHS Electives

Yearbook Production 379911CW GRADE
PLACEMENT: 9-12 CREDIT: 1 Unit

The class produces the Strom Thurmond High School Yearbook, The Statesman. Students will sell business ads over the summer break to finance yearbook production, take pictures, write essays, and design the layout of the book. All students must have a B or better in their English classes and complete an application at the end of the previous school year. Students must have reliable transportation to perform the required duties.

Journalism 1 GRADE PLACEMENT: 9-12 CREDIT: 1 Unit

"In this introductory writing-intensive course, students will learn the tools of journalism as a communication instrument, and practical experiences in journalistic techniques such as newspaper article writing and podcasting." Prerequisite: C (70+) or higher in previous ELA course. [Application Linked Here](#)

SAT and/or ACT Prep Course 415000CH– Math 401100CH- Verbal GRADE PLACEMENT 11-12 .5 Unit

Concentrates on SAT/ ACT Reading, Vocabulary, and Math skills. Course includes assessments for practice and taking the assessments as well as strategies for question types.

AP Study Hall Offered to any student taking an AP Course. 1 CP Unit

Students will have structured time with an AP certified teacher to receive support in Advanced Placement Classes.

Secondary Literacy 1 308600CH/ CW GRADE
PLACEMENT 9-10 .5/1 Unit

This course is designed to provide reading remediation and instruction to students who need additional support in the area of ELA. The teachers will use targeted software as well as high interest reads to build a life-long love of reading in all students.

Secondary Literacy 2 308700CW/CH GRADE
PLACEMENT 10 .5/1 Unit

This course is designed to provide additional reading remediation and instruction to students who need

support in the area of ELA. The teachers will use targeted software as well as high interest reads to build a life-long love of reading in all students.

Secondary Math LBA 1 319906CH .5 Unit or **LBA2** 319976CH .5 Unit

This course emphasizes understanding of mathematics concepts rather than just memorizing procedures. Students learn why to

use a certain formula or method to solve a problem. By engaging students in real-world applications, this course develops critical

thinking skills that students will use throughout their high school studies.

AP Art 2D 357400AW Prerequisite Completion of Art 1. GRADE PLACEMENT: 10-12 1 Unit

Develop your 2-D skills through materials and processes such as graphic design, photography, collage, printmaking, fashion illustration, and others. You'll create artwork that reflects your own ideas and skills and what you've learned.

Journalism 2

GRADE PLACEMENT: 10-12 CREDIT: 1 Unit
PREREQUISITE: 75 or higher in Journalism 1 and ELA teacher recommendation

In this class students will continue to hone their journalistic writing, speaking and interviewing skills while learning broadcast and technology skills necessary to produce the school's news program.

AP Seminar: 373000AW GRADE PLACEMENT:
10-12. Completion of English 2 Required. 1 Unit.

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Students learn to investigate a problem or issue, analyze arguments, compare different perspectives, synthesize information from multiple sources, and work alone and in a group to communicate their ideas. In this course, students choose their own topic to study while they learn and build research skills, including investigation, collaboration, writing, and presentation.

American Studies NEED Course NUMBER Offered to US History Students to help prepare for the End of Course Exam. .5 Unit

This course will be used to help prepare students for the US History End of Course Exam. Students will be identified through a variety of measures including teacher recommendation, social studies grades, and other metrics.

This course covers the basics of the car, the rules of the road, and any likely situations or scenarios students may come across. Students learn how to correctly read and interpret road signs, and all about the basic functions of a car.

Drivers Education 370100CH Offered to any student with a Learners Permit. .5 Unit

Fine Arts

Advanced Chorus 1 - Need Course Number

GRADE PLACEMENT: 9-12 CREDIT: 1 Unit
musical literacy, vocal and breathing technique, and musical elements of performance through a variety of choral repertoire. Students are required PREREQUISITE: Adjudication process, and teacher recommendation

This course is designed for beginning students who excel in vocal music. Students learn and study singing through performance, ear-training, sight-singing, musical literacy, vocal and breathing technique, and musical elements of performance through a variety of choral repertoire. Students are required to perform in all after school concerts and performances.

Advanced Chorus 2 - Need Course

Number GRADE PLACEMENT: 10-12
CREDIT: 1 Unit PREREQUISITE: Chorus 1 and Teacher recommendation

This performance-oriented course emphasizes vocal techniques that are developed and studied through correct breathing, diction, intonation, tone production, musicality, musical literacy, and performance. This ensemble is designed to study the mentioned techniques through a variety of music repertoire. Students are required to perform in all after school concerts and performances.

Advanced Chorus 3 - Need Course

Number GRADE PLACEMENT: 11-12
CREDIT: 1 Unit PREREQUISITE: Chorus 2 and Teacher recommendation

This performance-oriented course emphasizes musical literacy, sight-singing, musicality, technique, and musical elements of performance. The course is designed for students who demonstrate vocal skill and knowledge. Students will receive an advanced level of vocal training that is appropriate for a variety of larger ensemble choral repertoire. Students are required to perform in all after school concerts and performances.

Advanced Chorus 4 - Need Course Number

GRADE PLACEMENT: 12 CREDIT: 1 Unit
PREREQUISITE: Chorus 3 and Teacher recommendation

This year-long performance-oriented course is designed for choral students who demonstrate vocal skill, knowledge, and musical independence. Students will receive the highest level of vocal training regarding tone, diction, balance, blend, technical vocabulary, sight-reading, vocal technique, breathing, musical literacy, and musicality. This ensemble performs a variety of quality choral repertoire. Students are required to perform in all after school concerts and performances.

Chorus 1 - General Chorus 354100CW GRADE PLACEMENT: 9-12 CREDIT: 1 Unit

This course is designed for beginning students in vocal music. Students learn and study singing through performance, ear-training, sight-singing, to perform in all after school concerts and performances.

Chorus 2 - General Chorus 354200CW GRADE PLACEMENT: 10-12 CREDIT: 1 Unit PREREQUISITE: Chorus 1

This performance-oriented course emphasizes vocal techniques that are developed and studied through correct breathing, diction, intonation, tone production, musicality, musical literacy, and performance. This ensemble is designed to study the above mentioned techniques through a variety of choral music repertoire at a higher level. Students are required to perform in all after school concerts and performances.

Chorus 3 - General Chorus 354300 CW GRADE PLACEMENT: 11-12 CREDIT: 1 Unit PREREQUISITE: Chorus 2

This performance-oriented course emphasizes musical literacy, sight-singing, musicality, technique, and musical elements of performance. The course is designed for students who demonstrate vocal skill and knowledge. Students will receive an increase in level of vocal training that is appropriate for a variety of larger ensemble choral repertoire. Students are required to perform in all after school concerts and performances.

Chorus 4 - General Chorus 354400CW GRADE PLACEMENT: 12 CREDIT: 1 Unit

PREREQUISITE: Chorus 3

This performance-oriented course is designed for choral students who demonstrate vocal skill, knowledge, and musical independence. Students will experience the highest level of vocal training regarding tone, diction, balance, blend, technical vocabulary, sight-reading, vocal technique, breathing, musical literacy, and musicality. Students are required to perform in all after school concerts and performances.

Music Appreciation 1 356199CW GRADE
PLACEMENT: Grades 9-12 CREDIT: 1 Unit
PREREQUISITE: Teacher recommendation

This course provides opportunities for students to hear and study music from many different historical periods as well as from various cultures. Trends in American music and the influence of society, media, genre and composers are of special interest. It is designed to teach a better comprehension of the elements of music which include melody, rhythm, harmony, tempo, timbre, instrumentation, voicing, etc. The students will be required to attend the fall and spring musical productions of the Fine Arts Department.

Music Appreciation 2 356299CW GRADE
PLACEMENT: 10-12 CREDIT: 1 Unit
PREREQUISITE: Music Appreciation 1 and
Teacher recommendation

This course continues to provide opportunities for students to hear and study music from many different historical periods as well as from various cultures by increasing the level of knowledge. Trends in American music and the influence of society, media, genre and composers are of special interest. This course teaches a better comprehension of the elements of music which include melody, rhythm, harmony, tempo, timbre, instrumentation, voicing, etc. The students will be required to attend the fall and spring musical productions.

Music Appreciation 3 356399HW GRADE
PLACEMENT: 11-12 CREDIT: 1 Unit
PREREQUISITE: Music Appreciation 2 and
Teacher recommendation

This course continues to provide opportunities for students to hear and study music from many different historical periods as well as from various cultures by a higher level of knowledge. Trends in American music and the influence of society, media, genre and composers are of special

interest. This course is designed to teach a better comprehension of the elements of music which include melody, rhythm, harmony, tempo, timbre, instrumentation, voicing, etc. The students will be required to attend the fall and spring musical productions of the Fine Arts Department.

Music Appreciation 4 356499HW GRADE
PLACEMENT: 12 CREDIT: 1 Unit
PREREQUISITE: Music Appreciation 3 and
Teacher recommendation

This course continues to provide opportunities for students to hear and study music from many different historical periods as well as from various cultures by increasing the level of knowledge. Trends in American music and the influence of society, media, genre and composers are of special interest. This course is designed to teach a better comprehension of the elements of music which include melody, rhythm, harmony, tempo, timbre, instrumentation, voicing, etc. The students will implement the above knowledge into the study of Musicals and how they are produced. The students will be required to attend the fall and spring musical productions of the Fine Arts Department.

Musical Theatre 1 459931CW GRADE
PLACEMENT: 9-12 CREDIT:1 unit

This course introduces students to musicals and the aspects of music within them. Students will learn voice and diction, creative movement, characterization, and oral interpretation. The students will be required to attend the fall and spring musical productions of the Fine Arts Department.

Musical Theatre 2 459932CW GRADE
PLACEMENT: 10-12 CREDIT:1 unit
PREREQUISITE: Musical Theatre 1

This course is a continuation to musicals and the aspects of music. Also, voice and diction, creative movement, characterization, and oral interpretation will continue to be studied. Scene study will be included. The students will be required to attend the fall and spring musical productions of the Fine Arts Department.

Musical Theatre 3 459933CW GRADE
PLACEMENT: 11-12 CREDIT: 1 unit
PREREQUISITE: Completed level 2

This course is a continuation to musicals and the aspects of music. Also, voice and diction, creative

movement, characterization, and oral interpretation will continue to be studied. Scene study will be included. The students will be required to attend the fall and spring musical productions of the Fine Arts Department.

Musical Theatre 4 459934CW GRADE
PLACEMENT: 12 CREDIT: 1 unit
PREREQUISITE: Completed level 3

This year-long course is a continuation to musicals and the aspects of music within them while increasing the depth of research. Also, voice and diction, creative movement, characterization, and oral interpretation will continue to be studied. The students will be required to attend the fall and spring musical productions of the Fine Arts Department.

Art 1 350100CW GRADE PLACEMENT:
9-12 CREDIT: 1 unit

This course is a prerequisite for the advanced art courses. Students will explore drawing, painting, printmaking, sculpture and ceramics through a variety of media, including technology and photography. The focus on the visual elements and principles of art are stressed with an appreciation for quality and respect for artistic expression. Observation, critical thinking and problem solving are important components of the art production process. Art history with cultural traditions will be introduced along with art vocabulary.

Art 2 350200CW GRADE PLACEMENT:
10-12 CREDIT: 1 unit PREREQUISITE: Art
1

This course emphasizes exploration into a variety of art media including drawing, pen and ink, airbrush, acrylic painting, oil painting, watercolor, ceramics, basket making, weaving and technology. Students will employ higher level art techniques in the creation of two and three dimensional art and are stressed with an appreciation for quality and respect for artistic expression. Observation, critical thinking and problem solving are important components of the art production process. Art history with cultural traditions will be introduced, at advanced levels, along with art vocabulary.

Art 3 350300CW GRADE PLACEMENT:
10-12 CREDIT: 1 unit PREREQUISITE: Art
2

Add advanced Art and AP classes

This course emphasizes exploration into a variety of art media including drawing, pen and ink, airbrush, acrylic painting, oil painting, watercolor, ceramics, basket making, weaving and technology. Students will employ advanced levels of art techniques in the creation of two and three dimensional art with an appreciation for quality and respect for artistic expression. Observation, critical thinking and problem solving are important components of the art production process. Art history with cultural traditions will be introduced, at higher levels, along with art vocabulary.

Band 1 353100CW GRADE PLACEMENT:
9-12 CREDIT: 1 Unit PREREQUISITE: 3
Years of Junior Band

This year-long course is a study of various styles and periods of band music and the class places emphasis on learning and developing those skills necessary to play the music presented. It is intended also that the students develop an awareness and an appreciation for different styles and periods of music.

Band 2 353200CW GRADE PLACEMENT:
9-12 CREDIT: 1 Unit PREREQUISITE: 3
Years of Junior Band and completed Band
Level 1

This year-long course is a study of various styles and periods of band music and the class places emphasis on learning and developing those skills necessary to play the music presented. It is intended also that the students develop an awareness and an appreciation for different styles and periods of music.

Band 3 353300CW GRADE PLACEMENT:
9-12 CREDIT: 1 Unit PREREQUISITE: 3 Years
of Junior Band and completed Band Level 2

This year-long course is a study of various styles and periods of band music and the class places emphasis on learning and developing those skills necessary to play the music presented. It is intended also that the students develop an awareness and an appreciation for different styles and periods of music.

Band 4 353400CW GRADE PLACEMENT:
9-12 CREDIT: 1 Unit PREREQUISITE: 3
Years of Junior Band and completed Band

Level 3

This year-long course is a study of various styles and periods of band music and the class places emphasis on learning and developing those skills necessary to play the music presented. It is intended also that the students develop an awareness and an appreciation for different styles and periods of music.

Advanced Band 1 Need number GRADE

PLACEMENT: 9-12 CREDIT:1 Unit

PREREQUISITE: Adjudication process, and teacher recommendation.

This year-long course is open to students by teacher recommendation and audition. Only one audition is required during the four-year period. The class emphasizes the individual student's development on his or her instrument. Scales, technique, tone quality, sight reading, music theory and music writing are also covered as they apply to instrumental music.

Advanced Band 2 Need number GRADE

PLACEMENT: 9-12 CREDIT:1 Unit

PREREQUISITE: Adjudication process, teacher recommendation and completed Band 1

This year-long course is open to students by teacher recommendation. The class continues to

emphasize the individual student's development on his or her instrument. Scales, technique, tone quality, sight reading, music theory and music writing are also covered as they apply to instrumental music. .

Audition Band 3 Need number GRADE

PLACEMENT: 9-12 CREDIT: 1 Unit

PREREQUISITE: Adjudication process, teacher recommendation and completed Band 2

This year-long course is open to students by teacher recommendation. The class continues to emphasize the individual student's development on his or her instrument. Scales, technique, tone quality, sight reading, music theory and music writing are also covered as they apply to instrumental music.

Audition Band 4 Need number GRADE

PLACEMENT: 9-12 CREDIT: 1 Unit

PREREQUISITE: Adjudication process, teacher recommendation and completed Band 3

This year-long course is open to students by teacher recommendation. The class will continue to emphasize the individual student's development on his or her instrument. Scales, technique, tone quality, sight reading, music theory and music writing are also covered as they apply to instrumental music.

Teacher Cadet

Dual Credit Teacher Cadet 373500EW

Mission: The primary goal of the Teacher Cadet Program is to encourage

GRADE PLACEMENT: 12 CREDIT: 1 Unit (3 hrs)

PREREQUISITES:

1. Have a GPA of at least 3.0 on 4-point scale and/or receive a recommendation from the TCP Review Panel. The panel shall consist of a minimum of three members to include a school administrator or school counselor, the TC College Partner (where applicable), a teacher of the student's choice, and, possibly, a student.

2. Be enrolled in a college preparatory

curriculum.

3. Be recommended in writing by five teachers.

4. Submit an essay on why they want to be in the class.

5. Be seniors or juniors.

6. Participate in an interview. (Recommended, but optional)

academically-able students who possess exemplary interpersonal and leadership skills to consider teaching as a career. An important secondary goal of the program is to provide these talented future community leaders with insights about teachers and school so that they will be civic advocates of education.

Physical Education Courses

P.E. 1 344102CW GRADE PLACEMENT:
9-12 CREDIT: 1 Unit

Physical Education is a phase of education that strives to promote, through total body activity primarily on the physical level, the health and general welfare of all students. This course helps guide them in being more effective individuals physically, mentally, and socially.

P.E. 2 344202CW Completion of P.E. 1 or NJROTC 1 P.E. 3 344300CW Completion of P.E. 2
P.E. 4 344400CW Completion of P.E. 3
GRADE PLACEMENT: 10-12 CREDIT: 1 Unit

In addition to fundamental skills, advanced techniques of individual and team sports are taught. Emphasis is on lifetime fitness, nutrition, weight lifting and aerobics.

Weight Training 1 349961CW Weight Training 2 349962CW Weight Training 3 349963CW Weight Training 4 349964CW
GRADE PLACEMENT: 9-12 CREDIT: 1 Unit
PREREQUISITE: Successful completion of P.E. 1 or NJROTC 1 and Teacher/Coach recommendation

This is an elective physical education class designed to offer upperclassmen the opportunity to develop a personal fitness program that will enhance their personal health and athletic

capabilities. Individual goals will be set between each student and the instructor to better meet individual needs.

Personal Health and Wellness 340200CH .5 Unit
GRADE PLACEMENT: 9-12

In Personal Health, students will have the opportunity to explore topics and issues that will affect their personal health and wellness for their entire life. The exploration of issues affecting health and wellness will provide students with the knowledge to make quality personal health decisions. Mental health, personal relationships, health risk behaviors, consumer health, goal setting and decision making are some of the topics that students will use to participate in online projects and interactive assignments. This course is required for anyone taking PE 1 Virtually.

Family and Community Health 340100CH .5 Unit
GRADE PLACEMENT: 9-12

This course covers diseases, drug education, and first aid. Instruction is given in assessing community health needs and the wise use of available resources.

Foreign Language Courses

Spanish 1 365101CW GRADE PLACEMENT: 9-12 CREDIT: 1 Unit PREREQUISITE: CP English grade of 90 or Honors English grade of 85.

This course is an introduction to all means of communication in basic Spanish -listening, speaking, reading, and writing. Students will learn the present tense of all verbs, regular and irregular, while also learning proper agreements of adjectives and articles. Their vocabulary will include daily expressions, numbers, adjectives, activities, school related terms, foods, family, clothes and colors.

Spanish 2 365201CW GRADE PLACEMENT: 10-12 CREDIT: 1 Unit PREREQUISITE: Spanish 1 and Teacher recommendation

This course is meant to complement Spanish 1 where students will continue to build their vocabulary and grammatical structures. This includes learning present progressive, reflexive verbs, direct and indirect pronouns, formal commands and one of the two past tenses. Students will continue to broaden their vocabulary with learning animals, body parts, daily routines, kitchen and cooking vocabulary as well as vacation terms.

Spanish 3 H 365301HW GRADE PLACEMENT: 11-12 CREDIT: 1 Unit PREREQUISITE: Spanish 2 and Teacher recommendation

In Spanish 3, students will continue to focus on all forms of communication but with a main emphasis on actually speaking and listening to instructions in Spanish. Students are required to speak only in Spanish during class while continuing to build their vocabulary and increase their grammatical

structure usage and understanding.

German 1 362100CW GRADE PLACEMENT: 9-12 CREDIT: 1 Unit PREREQUISITE: CP English grade of 90 or Honors English grade of 85.

This course is an introduction to basic spoken and written German. Students will learn the regular present tense of all verbs, the use of indirect and direct object pronouns and the agreement of adjectives. Their vocabulary will include expressions, numbers, clothes, family, food, sports, and recreation.

German 2 362200CW GRADE PLACEMENT: 10-12 CREDIT: 1 Unit PREREQUISITE: German 1 and Teacher recommendation

This course is to complement German I. Students will learn two past tenses of the verb, the use of the subjunctive, reflexive and impersonal pronoun construction and comparison of adjectives and adverbs. They will also have continual practice in speaking and listening through various media, to the accents of native speakers.

German 3 362300CW GRADE PLACEMENT: 11-12 CREDIT: 1 Unit PREREQUISITE: German 2 and Teacher recommendation

German 3 extends a student's knowledge of German by taking up advanced structures including the subjective mood. Students will read newspapers and current literature from German-speaking Europe and learn to express themselves orally and in writing using increasingly sophisticated language. Various media will be used to explore and compare a variety of native accents. The course will focus on the cultures of Germany, Austria, and Switzerland.

Naval Science Courses

Junior ROTC 1 375100CW GRADE
PLACEMENT: 9-12 CREDIT: 1 Unit

The purpose of this course is to introduce students to the precepts of citizenship, the elements of leadership, and the value of scholarship in attaining life goals. This course is designed to engender a sound appreciation for the heritage and traditions of America, with recognition that the role of sea power will be important in America's future, and develop in each cadet a growing sense of pride in his/her organization, associates, and self. The course also provides instruction in the wearing of the NJROTC Cadet uniform, military drill, and physical fitness training.

The content includes the following:

- an introduction to the NJROTC program, its missions, goals and objectives • benefits of Career Planning
- instruction in naval leadership and followership traits and principles • citizenship, the responsibilities of citizens, and the basis of our government and its role in today's society
- the mission & organization of the Navy in maintaining freedom of the seas • geography and survival skills

Junior ROTC 2 375200CW GRADE
PLACEMENT: 10-12 CREDIT: 1 Unit
PREREQUISITE: NJROTC 1

This course is designed to engender a sound appreciation for the heritage and traditions of America as well as the significant role of sea power throughout its history, a sound understanding of basic leadership principles, an understanding of maritime sciences, and to develop in each Cadet a growing sense of pride in his/her organization, associates, and self. The course requires the wearing of the NJROTC Cadet uniform periodically and includes instruction in military drill and

physical fitness training.

Junior ROTC 3 375300CW GRADE
PLACEMENT: 11-12 CREDIT: 1 Unit
PREREQUISITE: NJROTC 1 and 2

The purpose of this course is to further develop the understanding and importance of sea power and national security, naval operations and support functions, military law, international law and the sea, and naval leadership. The course requires the wearing of the NJROTC Cadet uniform periodically and includes instruction in military drill and physical fitness training.

Junior ROTC 4 375400CW GRADE
PLACEMENT: 12 CREDIT: 1 Unit
PREREQUISITE: NJROTC 1, 2, and 3

The purpose of this course is to build upon the instruction concerning the basic qualities of a good follower and an effective leader provided in Naval Science 1, 2 and 3, to take a more in-depth look at what leadership is, and to provide practical opportunities to maximize abilities in the leadership area. The course requires the wearing of the NJROTC Cadet uniform periodically and includes instruction in military drill and physical fitness training.

The content includes the following:

- instruction in naval leadership traits, principles, and practice • leadership group dynamics and positive leadership techniques • the responsibilities of leading by example
- carrying out orders and the chain of command
- authority, criticism, and moral responsibility of the naval officer • the basics of effective communications
- basic individual, squad, and company close-order drill

Strom Thurmond Career and Technical School Course

Descriptions

The following courses listed below are offered through our Career and Technology Center. Any of the following courses will fulfill the Career Education requirement and the Elective requirements for graduation. Please keep in mind that classes for the following year may change due to the amount of interest given to them when requesting courses in IGP meetings.

Agriculture Courses

Agricultural Science and Technology

562402CW GRADE PLACEMENT: 10-12
CREDIT: 1 Unit

The Agricultural Science & Technology course is an introductory course for students interested in agricultural careers, such as horticulture, animal science, veterinary, soil scientist and diversified agriculture. Subject material includes soil conservation, tool identification, gardening, landscaping and greenhouse management. This class involves hands-on outdoor classroom activities. Students will complete the South Carolina Hunter Education Course as well as learn hands-on firearm safety. Students will be required to complete a yearlong AET project.

Agricultural Mechanics and Technology

566001CW GRADE PLACEMENT: 11-12
CREDIT: 1 Unit PREREQUISITE: Agricultural Science and Technology

This course is designed to teach the student skills in basic woodworking, cold metal working, welding, small engine repair and basic farm and homestead improvements. Students will complete many hands-on projects throughout the year and will be expected to maintain a sense of pride and craftsmanship in all assigned projects. Students will also be required to complete a yearlong AET project.

Equipment Operation and Maintenance

562100CW GRADE PLACEMENT: 11-12
CREDIT: 1 Unit PREREQUISITE: Agricultural Science and Technology

This course is designed to teach students how to operate and maintain equipment commonly used in the agricultural industry. It includes equipment used in all four of the Agriculture, Food and Natural Resources pathways: Horticulture; Plant and Animal Systems; Environmental and Natural Resources Management; and Agricultural Mech and Technology.

Agribusiness & Marketing 560000CW GRADE PLACEMENT: 11-12 CREDIT: 1 Unit PREREQUISITE: Agricultural Science and Technology

The course in Agricultural Business Management is designed for the student who plans to seek employment on, manage, or own a farm; or seek employment in an agribusiness field. Students will be involved in learning activities that generally prepare him/her to apply the economic and business principles involved in the organization, operation, and management of the farm, ranch, or agribusiness. Students will also be required to complete a yearlong AET project.

Horticulture for the Workplace 565002CW
GRADE PLACEMENT: 11-12 CREDIT: 1 Unit
PREREQUISITE: Agricultural Science and Technology

This course is designed to give the students a general, but well-rounded education in the science of cultivating ornamental plants, landscape design, turf grass establishment and maintenance, greenhouse production, nursery production, fruit and vegetable horticulture and installing and maintaining shrubs. Students will also be required to complete a yearlong AET project.

Ag Work-Based Learning 569000CW GRADE PLACEMENT: 11-12 CREDIT: 1 Unit

Small Animal Care

561200CW GRADE PLACEMENT: 11-12
CREDIT: 1 Unit PREREQUISITE: Agricultural Science and Technology, Agricultural Mechanics and Technology, Environmental and Natural Resources Management, or Agricultural Biosystems Science (depending on the pathway)

The Small Animal Care 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.

Automotive Technology

Automotive Technology 1 603000CW

GRADE PLACEMENT:9

Automotive Technology 2 603100CW

Automotive Technology 3 603200CW

Automotive Technology 4 603300CW

GRADE PLACEMENT: 10-12 CREDIT: 1 unit each

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Transportation, Distribution and Logistics career cluster. The Automotive Technology program provides technical skill proficiency and includes competency-based

applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills and occupation-specific skills, and knowledge of all aspects of the Transportation, Distribution and Logistics career cluster. The content includes but is not limited to broad, transferable skills and stresses understanding and demonstration of the following elements of the automotive industry: planning, management, finance, technical and product skills, underlying principles of technology, community issues and health, safety, and environmental issues.

TDL Work Based Learning 679000CW GRADE PLACEMENT: 11-12 CREDIT: 1 Unit

Building Construction

Building Construction 1 606000CW Building Construction 2 606100CW Building Construction 3 606200CW Building Construction 4 606300CW
GRADE PLACEMENT: 10-12 CREDIT: 1 unit each

In Building Construction Technology students gain knowledge and skills specific to those needed to enter the workforce as carpenters or building maintenance apprentices or prepare for a postsecondary degree in construction science, architecture, or engineering. Students acquire knowledge and skills in safety, tool usage, building materials, codes, and framing. Students will gain advanced knowledge and skills

needed to enter the workforce as carpenters, building maintenance technicians, or supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will build on the knowledge base from Construction Technology I and are introduced to exterior and interior finish out skills. Safety and liability considerations are stressed.

Architecture & Construction WBL 669000CW
GRADE PLACEMENT: 12 CREDIT: 1 Unit

Welding Technology

Welding Technology 1 634000CW GRADE
PLACEMENT: 10 CREDIT: 1 Unit

Students enrolled in this course will be taught Oxy-Acetylene cutting, SMAW (Shielded Metal Arc Welding) and Oxy-fuel Welding. There will be a written test and a hands-on test of each process.

Welding Technology 2 634100CW GRADE
PLACEMENT: 11 CREDIT: 1 Unit

This course covers the procedures of arc welding in flat, horizontal, vertical and overhead positions. There is some exposure to TIG / GTAW(tungsten inert gas) and MIG/GMAW (metal inert gas) welding procedures and techniques. Oxy-acetylene cutting is also introduced.

Welding Technology 3 / 4 634200CW/634300CW
GRADE PLACEMENT: 12 CREDIT: 2 Units

This course extends and expands upon the topics introduced in Welding Technology 1. Advanced use of oxygen and acetylene torch for cutting and welding is taught. Much more detailed use of the techniques of TIG and MIG welding is taught so that the graduates of the welding program at Strom Thurmond will have viable and usable marketable skills. Students will be required to use welding symbols, read blueprints, participate in the sheet metal lab, and complete projects.

Manufacturing WBL 649000CW GRADE
PLACEMENT: 12 CREDIT: 1 Unit

STCTC's All-Female Classes

All Girls Welding 1 630000CW All Girls
Welding 2 631000CW GRADE PLACEMENT:
10-12 CREDIT: 1 Unit

All females enrolled in this course will be introduced to the welding processes of Oxy-Acetylene Cutting, SMAW (Shielded Metal Arc Welding), GMAW (Gas Metal Arc Welding), GTAW (Gas Tungsten Arc Welding), Brazing and Oxy-fuel Welding. Each process will be tested, written and hands-on. Being a 2 semester class, there will be 6 vocabulary tests on welding terms as well as a monthly research paper. Second semester each student will have a Trainee Guide book study with chapter exercises. All are required to wear SAFETY GEAR DAILY! An 85 average is expected to be eligible for Welding 2. Welding 2 is designed to continue the processes in more depth and to prepare for a possible career choice. Beveled Plate and Pipe in the SMAW and GTAW process will be introduced. BluePrint reading and sheet metal fabrication will be used to apply the welding skills each has learned in the previous course.

All Girls Automotive Technology 1 603000CW
All Girls Automotive Technology 2 603100CW
GRADE PLACEMENT: 10-12 CREDIT: 1 Unit

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Transportation, Distribution and Logistics career cluster. The Automotive Technology program provides technical skill proficiency and includes competency-based applied learning that contributes to the academic knowledge, higher-order

reasoning and problem-solving skills, work attitudes, general employability skills, technical skills and occupation-specific skills, and knowledge of all aspects of the Transportation, Distribution and Logistics career cluster. The content includes but is not limited to broad, transferable skills and stresses understanding and demonstration of the following elements of the automotive industry: planning, management, finance, technical and product skills, underlying principles of technology, community issues and health, safety, and environmental issues.

All Girls Building Construction 1 606000CW
All Girls Building Construction 2 606100CW
GRADE PLACEMENT: 9-12 CREDIT: 1 Unit

In Building Construction Technology students gain knowledge and skills specific to those needed to enter the workforce as carpenters or building maintenance apprentices or prepare for a postsecondary degree in construction science, architecture, or engineering. Students acquire knowledge and skills in safety, tool usage, building materials, codes, and framing. Students will gain advanced knowledge and skills needed to enter the workforce as carpenters, building maintenance technicians, or supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will build on the knowledge base from Construction Technology I and are introduced to exterior and interior finish out skills. Safety and liability considerations are stressed.

Project Lead The Way (Engineering)

Introduction to Engineering Design

605100CW GRADE PLACEMENT: 10-11
CREDIT: 1 Unit CO-REQUISITE: Algebra I

This course is a foundation course for all the PLTW pre-engineering courses that follow. This course will use computer modeling software to learn the design process. Students will solve design problems as they develop, create, and analyze product models.

Aerospace Engineering 605600CW GRADE

PLACEMENT: 10-12 CREDIT: 1 Unit
PREREQUISITE: Intro to Eng. Design and
Teacher recommendation

Students explore the fundamentals of flight in air and space. The class will use software to simulate piloting an aircraft and to investigate the orbits of satellites. Students will have hands-on experience in designing and building airfoils, propulsion systems, and rockets, while also applying aerodynamic concepts to alternative applications such as wind turbines and parachutes.

Principles of Engineering 605000CW GRADE

PLACEMENT: 10-12 CREDIT: 1 Unit
PREREQUISITE: Alg I, Intro to Eng. Design

Principles of Engineering is a course that helps students understand the field of engineering. The class will explore technology systems and engineering processes to find out how math, science and technology help people.

Civil Engineering and Architecture 605800CW

GRADE PLACEMENT: 10-12 CREDIT: 1 Unit
PREREQUISITE: Intro to Eng. Design and
Teacher recommendation

Students learn important aspects of building/site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architecture design software.

Pre Engineering Work Based Learning

689000CW GRADE PLACEMENT: 11-12
CREDIT: 1 Unit

Health Science and Sports Medicine

Health Science I 555002CW GRADE
PLACEMENT: 10 CREDIT: 1 Unit

This course focuses on health careers exploration, health care 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.

Health Science 2 555102CW GRADE
PLACEMENT: 11 CREDIT: 1 Unit

This one block class is designed to introduce the student to career opportunities, skills, and knowledge common to health care fields. Students will study body systems and basic pathophysiology. Students will also learn medical math, medical abbreviations, and skills related to health care. Note: No Virtual School Courses will be accepted to apply for Health Science 2.

Health Science 3 555200CD GRADE
PLACEMENT: 12 CREDIT: 2 Units
PREREQUISITE: Health Science 1 and 2 with a grade of 80 or above

This is a 2 block course for students who are interested in pre-nursing, pre-medicine, pre-physical therapy or any health care related fields. The student will be introduced to legal and ethical practices of a health care worker, communications skills, geriatric and terminally ill care, human growth and development, computer based medical office, Healthcare Provider CPR by American Heart Association Standards, a review of medical terminology and skills related to health care. Clinical areas that may be used are: hospital, local medical offices, local dental offices, nursing home, dialysis, school nurse, surgery outpatient center and veterinarian. At the end of the semester, those students interested will be eligible to take the CNA test. Students will need to purchase: uniform, white shoes, watch with a second hand, CPR card and CPR book. Students will need transportation to clinical sites.

Medical Terminology 554000CW GRADE
PLACEMENT: 11-12 CREDIT: 1 Unit

This course familiarizes the student with medical terms and body parts. They will learn the meaning of

word parts and how to break down basic medical terms to understand them. Students interested in any health related field would benefit from this class.

Dual Credit Medical Terminology 554100EW
GRADE PLACEMENT: 11-12 CREDIT: 1 Unit
PREREQUISITE: Health Sci. 2/Sports Med. 2 /
Teacher recommendation

A placement test through and enrollment at Piedmont Technical College is required. No waivers are accepted. This course familiarizes the student with medical terms and body parts. They will learn the meaning of word parts and how to break down basic medical terms to understand them. Students interested in any health related field would benefit from this class.

Dual Credit Electrocardiography (EKG)
854700EW GRADE PLACEMENT: 11-12
CREDIT: 1 Unit PREREQUISITE: Health
Science 2 and Teacher recommendation

A placement test through and enrollment at Piedmont Technical College is required. Fundamentals of cardiovascular anatomy and physiology. Includes basic electrocardiography procedures, interpretation of basic dysrhythmias, and appropriate treatment modalities. Students will be able to describe the anatomy and physiology of the cardiovascular system; perform basic electrocardiography procedures; interpret basic dysrhythmias; and demonstrate appropriate treatments.

Pharmacy 557000CH GRADE PLACEMENT: 12
CREDIT: 1 Unit (3 Hrs) PREREQUISITE: Health S.
Teacher recommendation and Chemistry

Pharmacy Technology is designed to train pharmacy technicians to pass the Pharmacy Technician Certifying Board examination. A practicing pharmacist has developed the curriculum. The American Council of Pharmaceutical education accredits the program. The on-line format serves as the students' text and workbook. The interactive multimedia training uses Internet access, on-line testing, scoring and monitoring. Teachers can monitor students' progress via the Internet. Students work at their own pace and teachers determine when exams are taken. The cost of the CD for the students is approximately \$299 each.

Dual Credit Phlebotomy 852900EW GRADE
PLACEMENT: 12 CREDIT: 1 Unit (5 Hrs)

PREREQUISITE: Teacher recommendation and Health Science 2/Sports Medicine 2

A placement test and enrollment at Piedmont Technical College is required. No waivers are accepted. The Phlebotomy Technician program provides training in obtaining blood specimens by venipuncture and micro collection techniques. Phlebotomy technician course also teaches you to collect and process other clinical specimens. Clinical components required..

Sports Medicine I 555500CW GRADE

PLACEMENT: 10-12 CREDIT: 1 Unit

PREREQUISITE: Teacher Recommendation and a B average in Honors Biology or an A in CP Biology.

Sports Medicine 1 emphasizes the prevention of athletic injuries, including the components of exercise science, anatomy, principles of safety, first aid, cardiopulmonary resuscitation (CPR), and vital signs. Subject matter also includes legal issues, members of the sports medicine team, nutrition, protective sports equipment, environmental safety issues, taping and wrapping, mechanisms of injury, and application of other sports medicine concepts. Students interested in health care careers in athletic training, physical therapy, medicine, exercise physiology, nursing, biomechanics, nutrition, psychology, and radiology will benefit from this course. A set number of Work-based learning hours are required.

Sports Medicine 2 555600CW GRADE

PLACEMENT: 11-12 CREDIT: 1 Unit

PREREQUISITE: Sports Medicine 1 and Teacher Recommendation

Sports Medicine 2 emphasizes the assessment and rehabilitation of athletic injuries. Subject matter will include discussion of specific conditions and injuries that may be experienced by individuals participating in athletic activities. In addition, the use of appropriate therapeutic modalities and exercise in the care and rehabilitation of injuries will be examined. Advanced concepts related to the administrative aspects of the sports medicine program will also be covered in this course. A set number of Work-based learning hours are required.

Sports Medicine 3 555700CW GRADE

PLACEMENT: 12 CREDIT: 1 Unit

PREREQUISITE: Sports Medicine 1, 2 and Teacher Recommendation

Sports Medicine 3 continues to build on the learning in Sports Medicine 1 and 2. Sports Medicine 3 emphasizes the student's ability to apply concepts from previous Sports Medicine course work to real-world situations and scenarios. A priority will be placed on understanding the current research and evidence based practices affecting the practice of sports medicine professionals. Students will develop policies, procedures, and guidelines based on these aspects, as well as explore detailed treatment and rehabilitation procedures for common athletic injuries

Business Management Administration

Fundamentals of Computing 502300CW
GRADE PLACEMENT: 9-12 CREDIT: 1 UNIT

Fundamentals of Computing exposes students to a diverse set of computational thinking concepts, fundamentals, and tools that allow them to gain understanding and build confidence. Students use visual, block based programming and seamlessly transition to text-based programming to create apps and develop websites, and learn how to make computers work together to put their design into practice. They apply computational thinking practices, build their vocabulary, and collaborate just as computing professionals do to create products that address topics and problems important to them.

Digital Desktop Publishing 517602CW
GRADE PLACEMENT: 10-12 CREDIT: 1 Unit

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.

Digital Media Marketing 542200CW
GRADE PLACEMENT: 10-12 CREDIT: 1 Unit

This course is an overview of techniques in digital marketing media, including non-linear editing introducing students to the primary feature set and basic interface of industry standard editing software. Students will plan and execute a storyboard for producing their final product, to include podcasts, DVDs, video blogs, and webcasts. Students learn to demonstrate basic digital video camera technique, digital sound, and lighting. In addition, students will perform basic editing functions while familiarizing themselves with the software's user interface. Topics include basic setup, adjusting and customizing preferences and settings, capturing video and audio, various editing and trimming techniques, audio editing and audio creation, finishing and final output.

Accounting 1 500100CW GRADE
PLACEMENT: 10-12 CREDIT: 1 Unit

PREREQUISITE: Algebra 2 or currently enrolled in Algebra 2

Accounting is designed to acquaint the student with the relationship between accounting and business, to develop an understanding of the steps in the accounting cycle and to develop an understanding of the principles and procedures involved in handling cash and performing payroll work.

Marketing 542100CW GRADE
PLACEMENT: 10-12 CREDIT: 1 Unit

This course introduces marketing concepts and examines the economic, marketing, and business fundamentals, in addition to the marketing functions of selling, promotion, and distribution. Students apply learning by means of marketing and sales projects, and computer simulations. Economic concepts and human relations are also included in the course of study. Students develop marketing plans.

Entrepreneurship 540000CW GRADE
PLACEMENT: 10-12 CREDIT: 1 Unit
PREREQUISITE: Marketing, Advertising or Digital Media Marketing

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 traditional and non-traditional marketing strategies, technology, staffing, and financial considerations. Students will learn how to run a business through operating Rebel Tees, a school owned and student operated t-shirt business.

Advertising 547000CW GRADE
PLACEMENT: 10-12 CREDIT: 1 Unit
PREREQUISITE: Marketing

This course is designed to introduce the concepts of advertising and planning strategies, communication skills, and career development. Advertising content includes media selection, design, and the preparation of ads for various media.

Web Page Design and Development
503101CW GRADE PLACEMENT: 10-12
CREDIT: 1 Unit

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.

Fundamentals of Bus. Marketing & Finance 509000CW GRADE PLACEMENT: 10-12 CREDIT: 1 Unit

Fundamentals of Business, Marketing, and Finance is designed to encourage students to pursue successful careers in business, marketing, and finance. Students will gain a basic understanding of business operations and management concepts. This course will increase students' knowledge about corporate enterprise and its role in a global society through the operation and management of a printing service for the school district and the community.

Image Editing 534001CW GRADE PLACEMENT: 10-12 CREDIT: 1 Unit

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. A great class for students interested in or pursuing a career in the graphics/design industry. Students are instructed in the fundamental features of using Photoshop in editing and designing both photos and graphics. Students are also instructed in 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.

Accounting 2 500500CW GRADE PLACEMENT: 11-12 CREDIT: 1 Unit 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 513101CW GRADE PLACEMENT: 11-12 CREDIT: 1 Unit

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.

Marketing Work Based Learning 509100CW GRADE PLACEMENT: 11-12 CREDIT: 1 Unit

Finance Work Based Learning 619000CW GRADE PLACEMENT: 11-12 CREDIT: 1 Unit

Bus. Mgt. & Admin Work Based Learning 549000CW GRADE PLACEMENT: 11-12 CREDIT: 1 Unit

Cosmetology

Intro to Cosmetology 579901CW

Cosmetology standards. Skills in vocabulary, math, safety, and job seeking

GRADE PLACEMENT: 10 CREDIT: 1 Unit

An introductory course that lays the foundation for continuation in Cosmetology Career Pathway.

Cosmetology 1 615000CD

Cosmetology 2 615100CD Cosmetology 3 615200CD

Cosmetology 4 615300CD

GRADE PLACEMENT: 11-12 CREDIT: 4 Units

PREREQUISITE: At least "C" average in Alg 1 or Geometry and English.

Cosmetology 1 and 2 will be taken during the student's Junior year while Cosmetology 3 and 4 are during their Senior year. Cosmetology 1 is designed to provide students with the knowledge of basic practical and theory skills in the beauty industry. The development of professionalism in appearance and interpersonal/intrapersonal attitudes is stressed along with professional terminology and safety practices which meet LLR/SC State Board of Cosmetology standards. Skills in vocabulary, math, safety, and job seeking will be incorporated into clinic and classroom

assignments. Cosmetology 1 focuses on personal hygienic habits, professional grooming, ethics, theory, and introduces basic practical skills. Cosmetology hours are accumulated daily with the yearly ratio being a minimum of 500 Cosmetology clock hours and 250 academic hours of instruction. The latter is accumulated in the student's assigned courses at the high school (English, Math, etc.). Students are expected to perform housekeeping duties in the classroom and the salon. These housekeeping duties are part of instruction and are performed in order to develop sound safety and sanitary practices. The LLR/SC Board of Cosmetology does not allow students to receive hours for absences, excused or unexcused. A student must be present in cosmetology classes or with a licensed cosmetology instructor to receive hours. Hours are not earned when missed during field trips not sponsored by the cosmetology department, or when doctor appointments are scheduled during class hours. Hours are recorded daily and all hours missed due to absences must be made-up.

Internships

Internship 1 379926CW

Internship 2 379927CD

GRADE PLACEMENT: 11-12 CREDIT: 1 Unit
PREREQUISITE: Satisfactory attendance and discipline records and three teacher recommendations

Based on career interests and work site availability, students have the opportunity to receive “hands-on” training in selected area business, industry, and service agencies through a cooperative arrangement between the school and the work-site. Students may or may not receive monetary compensation as an intern. All paperwork must be complete and on file with earning 130 documented service hours. Students

must have reliable transportation to participate.
GRADE PLACEMENT: 11-12 CREDIT: 2 Units
PREREQUISITE: Satisfactory attendance and discipline records and three teacher recommendations

Based on career interests and work site availability, students have the opportunity to receive “hands-on” training in selected area business, industry, and service agencies through a cooperative arrangement between the school and the work-site. Students may or may not receive monetary compensation as an intern. All paperwork must be complete and on file with earning 260 documented service hours. Students must have reliable transportation to participate.

Computer and Information Systems Security/Information Assurance

Cybersecurity Fundamentals 537001CW 1 Credit
Prerequisites include Fundamentals of Computing or IT Fundamentals.

In Fundamentals of Cyber Security, the first course in the Computer and Information Systems Security/Information Assurance program, students examine the core concepts and terminology of cyber security and information assurance,

Fundamentals of Computing 502300CW
GRADE PLACEMENT: 9-12 CREDIT: 1 UNIT

Fundamentals of Computing exposes students to a diverse set of computational thinking concepts, fundamentals, and tools that allow them to gain understanding and build confidence. Students use visual, block based programming and seamlessly transition to text-based programming to create apps and develop websites, and learn how to make computers work together to put their design into practice. They apply computational thinking practices, build their vocabulary, and collaborate just as computing professionals do to create products that address topics and problems important to them.

Advanced Cyber Security 537200CW
GRADE PLACEMENT: 10-12 CREDIT: 1 UNIT
Prerequisite Cyber Security Fundamentals

In the Computer and Information Systems Security/Information Assurance program, students examine the core concepts and terminology of cyber security and information assurance, integrating the importance of user involvement,

integrating the importance of cyber threats and vulnerabilities, computer and network architecture, network security, operating systems, operational security, cryptography, system security, incident handling, and other topics that prepare students for the Advanced Cyber Security course. Upon successful completion of this first course, students will be prepared to earn an entry-level career-ready certification.

network architecture, threats, and security; operational and system security; cryptography; contingency planning; application, data, and host security; access control and identity management; and a broad range of other topics. Upon completion of the two courses, students will be prepared to earn nationally-recognized industry certifications. (Available 2025-2026 school year)

IT Fundamentals 502500CW
GRADE PLACEMENT: 9-12 CREDIT: 1 UNIT

IT Fundamentals is designed to prepare the student to take the CompTIA IT Fundamentals certification exam. Instruction includes IT literacy, environmental and safety concepts, operating systems, software, hardware, networking, alternative technologies, security, and computational thinking. Students utilize the skills and qualities of the S.C. Profile of the Graduate to analyze and solve problems within the IT industry. This course prepares students for the IT Fundamentals certification offered by CompTIA.

Manufacturing

Mechatronics Integrated Technologies

Mechatronics is a new interdisciplinary field involving electrical, mechanical, instrumentation, electronics, robotics/automation, computer components, and control systems. The program prepares students who enjoy working with their hands as well as understanding simple to complex systems. Mechatronics is a dynamic field that changes daily with the rapid improvements in technology and computer systems. Systems are networked to meet the demands of automated manufacturing processes, and technicians are trained to meet necessary entry-level industrial skills and entry into a postsecondary program at a technical college. Dual credit may be available through some SC technical colleges.

Mechatronics 1- Electrical Components/

Industrial Safety 621000CW 1 Unit Grades 10-12

Effective mechatronic professionals demonstrate appropriate industrial safety as needed in their role. The following accountability criteria are considered essential for students in the mechatronics program of study.

Mechatronics 2- Mechanical Components Electric Drives/ Hand and Power Tools Opp 621100CW 1 Unit Grades 10-12

Effective mechatronic professionals demonstrate appropriate skills for power tools operations as needed in their role. The following accountability criteria are considered essential for students in the mechatronics program of study.

Career Academies

Strom Thurmond High School and Career Center is moving towards an academy model. Career Academies allow students to learn in a smaller community and allows them to have more opportunities for job skills and experiences. The following is the current plan for the following year.

Academy	Cluster of Study	Major
Freshman Academy	-Focused on providing support and guidance for all ninth grade students.	Mission Statement: The Strom Thurmond Freshman Academy seeks to create an environment in which 9th grade students are encouraged to pursue excellence in their academic, social, and emotional goals. All stakeholders will work together to develop skills that will help freshmen thrive in high school and beyond
STEAM Academy	Security	Cybersecurity
		Military Science
	Technology	Mechatronics
		PLTW Engineering
	Education	Education
	Arts	Band
		Theatre
		Chorus
		Visual Arts
	Manufacturing	Construction
		Automotive
		Welding
		Agriculture: Horticulture or Plant and Animal Systems
Human Services and Business Academy	Healthcare	Health Science
		Sports Medicine
	Human Services	Cosmetology
	Business	Information Management
		General Management
		Marketing
		Marketing Communication

Athletics

Strom Thurmond High School offers a comprehensive athletic program for male and female student-athletes. Sports include football, cheer, cross-country, volleyball, baseball, softball, basketball, boys' soccer, girls' soccer, golf, track, and swimming. Our mission is to support and enrich our athletes in their athletic experiences, while also helping them achieve success on and off the field.

1. We will provide a meaningful athletic experience for our athletes that challenge them athletically and academically while supporting the mission of Strom Thurmond High School.

2. We will work to create a positive image of our school district, the individual school, and the athletic program. 3. We will have Pride, Class, Courage, and the Will to Win, which creates a standard of excellence necessary to produce winning teams composed of reliable and responsible individuals.

4. Strom Thurmond athletes will be on the hardest working team and exhibit the most class of any school in the state.

The athletic experience is an essential part of many students' educational journey. Athletics can play a vital role in helping our students learn how to work as a team, be mentally and physically tough, deal with adversity, and overcome challenges. We will also encourage the development of responsibility, commitment, self-discipline, self-motivation, goal setting, decision making under pressure, and dealing with failures and success. It is also very important that our sports help students learn about the value of fair play and sportsmanship. Participation in athletics is a privilege, and we aim to instill our Pride, Class, Courage, and Will to Win attitude in all our student athletes. The students who are fortunate enough to participate in athletics will be provided an opportunity to learn from their mistakes. They will also learn to appreciate teamwork and how to deal with coaches, referees, opponents, peers, and themselves.

Eligibility Requirements:

Listed below is a brief summary of eligibility rules for the South Carolina High School League and Strom Thurmond High School. More detailed information is located at this website www.schsl.org.

1. A contestant must have his/her birth certificate on file with the school.

2. A contestant must not turn nineteen years of age before July 1st of the upcoming school year.

3. A contestant must not participate under an assumed name.

4. A contestant must be a full time student at Strom Thurmond High School and reside in the attendance area of STHS with his/her parents or legally appointed guardian.

5. A contestant must not have received a high school diploma or its equivalent.

6. A contestant must be academically eligible as mandated by state law. An overall passing average is required for Fall and Winter sports; a contestant must have passed a minimum of five Carnegie units (two of which were earned in the spring semester or summer school). For spring sports, a contestant must be passing four subjects from the first semester of the current school year. If the contestant was not eligible the first semester, the contestant must be passing five subjects.

7. A contestant may use a maximum of two credit recovery or summer school units that are applicable as credit toward a high school diploma.

8. A contestant who attempts to recover credits must have completed the course(s) by timeline provided by the SCHSL or that individual will be ineligible for that respective season(s).

9. A contestant will be ineligible at the end of the fourth school year from the time that he/she first entered ninth grade. 10. A contestant may not play on a team in outside competition if more than seventy-five percent of the allowable starters appeared on the eligibility list of his/her school during the previous sports season.

11. A contestant who transfers from another school is eligible if:

A. The student was eligible to represent the school from which he/she transferred.

B. The student and his/her parents have a bona fide change of residence into the attendance area of Edgefield County School District. See the athletic director for appropriate paperwork.

12. A contestant must not violate his/her amateur status.

13. An athlete may try out for the next season's sport after he/she has finished the current sport season. An athlete who quits a team is not eligible to practice or play the next sport season until the current season has been completed including playoffs. If the player quit on JV, then he is not eligible to participate until the JV season ends. An athlete may not quit a sport and begin another during the same sport season.

14. All contestants must have a completed physical form on file with the Head Coach and Athletic Director before participating in any practice or competition. A physical examination is valid from April 1 of the current school year through the following school year.

NCAA Eligibility

The National Collegiate Athletic Association (NCAA) has policies regarding athletic eligibility for Division I and Division II schools. The CORE GPA/Test Score Indices are available online. Visit the following websites for more information: <http://www.eligibility center.org> or <http://www.ncaa.org>.