



WARE SHOALS HIGH SCHOOL
Program of Studies

2022-2023

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Individual Graduation Plan (IGP) Planning Sheet

Name: _____

Career Cluster: _____ **School:** WSHS _____

Career: _____ **Date:** _____

Required Core for Graduation	For additional college entrance requirements, refer to the college of your choice and page 6-7 of this document.			
	9	10	11	12
Math 4 units				
English 4 units				
Science 3 units Including Biology 1				
Social Studies Three units including: US History, Government and Economics				
PE or ROTC 1 unit				
Computer Science 1 unit				
Foreign Language or CTE 1 unit				
Electives 7 units				
<u>Total= 24 units</u>				

Types of High School Diplomas/Certificates

The **South Carolina High School Diploma** requires a minimum of 24 units of credit taken from a state approved distribution of courses. Refer to the list on page 3 for each unit required.

The **District Occupational Certificate** is for students who have completed occupational coursework in conjunction with written documentation in their Individualized Education Plan.

The **South Carolina High School Credential** is designed for students with disabilities for whom the IEP team determined mastery of a career-based educational program that includes academics, independent work experience, daily living skills, and self-determination skill competencies is the most appropriate way to demonstrate his or her skills and provide a FAPE. Student must meet the requirements outline on pages 16-19 of this document.

How to Register for Courses

January-April: The School Counselor will meet with each student and the student's parent/guardian individually to discuss his or her course selections and future goals and to complete the student's IGP (Individual Graduation Plan). **Parent involvement is required.**

It is the student's responsibility to be aware of and double check:

- The requirements for graduation with a South Carolina diploma
- Admission requirements and financial aid deadlines of individual colleges
- Athletic eligibility and scholarship requirements.

Notes: Any student planning to take Dual Credit courses must meet the eligibility requirements outlined on page 24.

Course availability is subject to the number of requests entered and the availability of teachers. All courses listed may not be offered in 2022-2023 due to these factors and/or other limitations.

Please refer to Board Policy IKADD-R for information on credit recovery courses.

Adding or Changing a Course Selection

The **deadline** for requesting to add or change a course is **BEFORE** summer registration, when final schedules are made available. **Requests for schedule changes after this time will be accommodated only as time and space permits, if all prerequisites have been met.**

Prerequisites

A **prerequisite** is a previous course that students must take and pass or a condition that students must meet before enrolling in a new course. Students who register for a course, but do not meet all the prerequisites, will have their courses changed appropriately by the counselor.

Dropping a Course

Students may drop a semester-long course within **5** days of the start of a course or within **10** days of the start of a year-long course. After this day, only administrative changes will be made. Any student who drops a year-long course after 10 school days or a semester course after 5 days from the start of the course, regardless of the reason, will receive a **“Withdrawal Fail”**. This will be recorded as a **“50”** for the final grade. Please refer to the **SC Uniform Grading Policy** at <http://ed.sc.gov/districts-schools/state-accountability/uniform-grading-policy/> for more details.

UNIFORM GRADING SCALE FOR SOUTH CAROLINA

The uniform grading scale and the system for calculating GPAs and class rank will apply to all courses carrying Carnegie units, including units earned at the middle or junior high school level. Please refer to the **SC Uniform Grading Policy** at <http://ed.sc.gov/districts-schools/state-accountability/uniform-grading-policy/> for a 10- Point GPA conversion chart (listed under “Frequently Asked Questions on the 10 Point Grading Scale” and “10-Point Grading Scale”).

The grade point ratio is determined by the formula below. Students are ranked from highest to lowest based on their GPR. Computations will not be rounded to a higher number. The intent of the policy is that a computation like a 3.898 would not be rounded to a 4.0.

$$\text{GPR} = \frac{\text{sum (quality points x units)}}{\text{sum of units attempted}}$$

At Ware Shoals High School, class rank is determined yearly.

With the first day of enrollment as the baseline, **students who withdraw** from a course within 5 days in a 90-day course or 10 days in a 180-day course will do so without penalty.

Students who withdraw from a course after the specified time of 5 days in a 90-day course or 10 days in a 180-day course shall be assigned a **WF, and the F (50) will be calculated in the student’s overall grade point average as a “0”**.

If a student fails a course due to **excessive absences**, an **FA** will be recorded on his or her transcript. The grade of **FA (50)** will carry no Carnegie units but **will be factored into the student’s overall grade point average as a “0”**.

Retaking a Course

Students in grades nine through twelve may retake a course at the same level of difficulty if the student has earned a D, P, NP, WP, FA, WF, or an F in that course. A student who has taken a course for a unit of high school credit prior to the ninth grade year may retake the course at the same difficulty level regardless of the grade he or she has earned. Retaking the course means that the student completes the entire course again. All course attempts from middle and high school will show on the transcript. Only one course attempt and the highest grade earned for the course will be calculated in the GPA. Please visit the “South Carolina Uniform

Grading Policy” link for more information: <http://ed.sc.gov/districts-schools/state-accountability/uniform-grading-policy/>

Title IX

Please note: Ware Shoals School District 51 does not discriminate on the basis of race, color, age, sex, national origin/ethnic origin or disability in its admissions policies, programs or activities.

Complaints alleging discrimination based on sex under Title IX or based on disability under Section 504 may be addressed to the following persons:

WS Primary (Title IX): Abigail Dobbins adobbins@gwd51.org 864-456-7496 extension 4115

WS Elementary/Middle (Title IX): LeeAnn May lmay@gwd51.org 864-456-7496 extension 5239

WS High (Title IX): Savannah Campbell scampbell@gwd51.org 864-456-7496 extension 2210

District (Title IX and Section 504):

Jenny Pitts jpitts@gwd51.org 864-456-7496 extension 1403

All other complaints of discrimination may be filed as specified in Board Policy. The Board Policy Manual may be accessed from the district’s website.

College Preparatory Course Prerequisite Requirements **For Entering College Freshmen Beginning in Academic** **Year 2019-20**

FOUR UNITS OF ENGLISH: All four units must have strong reading (including works of fiction and non-fiction), writing, communicating, and researching components. It is strongly recommended that students take two units that are literature based, including American, British, and World Literature.

FOUR UNITS OF MATHEMATICS: These units must include Algebra I, Algebra II, and Geometry. A fourth higher-level mathematics unit should be taken before or during the senior year.

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

TWO UNITS OF THE SAME WORLD LANGUAGE: Two units with a heavy emphasis on language acquisition.

THREE UNITS OF SOCIAL SCIENCE: One unit of U.S. History, a half unit of Economics, and a half unit of Government are required. World History or Geography is strongly recommended.

ONE UNIT OF FINE ARTS: One unit in appreciation of, history of, or performance in one of the fine arts. This unit should be selected from among media/digital arts, dance, music, theater, or visual and spatial arts.

ONE UNIT OF PHYSICAL EDUCATION OR ROTC. One unit of physical education to include one semester of personal fitness and another semester in lifetime fitness. Exemption applies to students enrolled in Junior ROTC and for students exempted because of physical disability or for religious reasons.

TWO UNITS OF ELECTIVES: Two units must be taken as electives. A college preparatory course in Computer Science (i.e., one involving significant programming content, not simply keyboarding or using applications) is strongly recommended for this elective. Other acceptable electives include college preparatory courses in English; fine arts; foreign languages; social science; humanities; mathematics; physical education; and laboratory science (courses for which biology, chemistry, physics, or earth science is a prerequisite).

Total: 20

NOTES

1. Foundations in Algebra and Intermediate Algebra may count together as a substitute for Algebra I if a student successfully completes Algebra II. No other courses may be substituted for the three required mathematics courses (Algebra I, Algebra II, and Geometry).
2. Each institution may make exceptions in admitting students who do not meet all of the prerequisites, limited to those individual cases in which the failure to meet one or more prerequisites is due to circumstances beyond the reasonable control of the student.
3. The College Preparatory Course Prerequisite Requirements are minimal requirements for four-year public college admission. Therefore, students should check early with colleges of their choice to plan to meet additional high school prerequisites that might be required for admission and to prepare for college entrance examinations.
4. Students should prepare themselves for college-level work by enrolling in challenging high school courses, such as honors, Advanced Placement (AP), International Baccalaureate (IB), and dual enrollment courses.
5. It is the responsibility of each school district to disseminate this set of requirements to entering freshmen students interested in pursuing a four-year college degree in South Carolina upon graduation from high school and to provide the web address for their viewing:
http://www.che.sc.gov/New_Web/GoingToCollege/CollPrepPrereq.htm. Please note the __ (underscore) character between the words "New" and "Web" in the URL.
6. This revision of the College Preparatory Course Prerequisite Requirements shall be fully implemented for students entering high schools beginning Fall 2015 and colleges and universities as freshmen beginning in Fall 2019. In the interim period, the 2011-12 version of the Prerequisites (approved by the Commission on Higher Education on October 5, 2006) remains acceptable.
7. The next revision cycle should begin in Fall 2020.

Policy originally approved by the SC Commission on Higher Education on April 7, 1983. Revisions approved: October 8, 1987; December 7, 1989; November 4, 1993; November 5, 1998; September 5, 2002; October 5, 2006; and May 7, 2015.

ENGLISH/LANGUAGE ARTS CURRICULUM

Title:	English 1 H	302400HW
Credit	1 unit	
Grade Level	8	
Prerequisite	Recommendation from middle school	

English 1 Honors is an accelerated depth and pace of English 1. The course emphasizes written and verbal communications. Students will read a variety of literature and complete various oral, written and group assignments. Students completing this course are required to take the South Carolina End of Course Exam. This Exam will be weighted 20% of the student's final grade for the course.

Title:	English 1 CP	302400CW
Credit	1 unit	
Grade Level	9	
Prerequisite	None	

English 1 emphasizes written and verbal communications. Students will read a variety of literature and complete various oral, written and group assignments. Students completing this course are required to take the South Carolina End of Course Exam. This Exam will be weighted 20% of the student's final grade for the course.

Title:	English 2 CP	302500CW
Credit	1 unit	
Grade Level	10	
Prerequisite	English 1	

English 2 provides students with an in-depth study of grammar, language usage, and literature. It emphasizes advanced grammar and language skills, critical study of literacy genres and literary criticism, and an understanding of research skills in writing an argumentative five-paragraph essay.

Title:	English 2 Honors	302500HW
Credit	1 unit	
Grade Level	9 or 10	
Prerequisite	90 average in English 1 OR minimum of 85 average in English 1 Honors	

English 2 Honors is an accelerated English class designed to meet the needs of the gifted and talented, college-bound student. This class focuses on the study of literature in the western tradition in various genres, and introduces literary analysis. It also contains a review of English grammar and structures, an introduction to literary criticism, further development of effective communications and research skills and continued instruction in composition, with an emphasis on organization and language use. Independent reading and study is required. Summer reading required.

Title: English 3 CP 302600CW
Credit 1 unit
Grade Level 11
Prerequisite English 2

English 3 CP is a survey course of American literature with emphasis on advanced argumentative writing, applied grammar and usage, and literary criticism. Outside independent reading is required.

Title: English 3 Honors 302600HW
Credit 1 unit
Grade Level 10 or 11
Prerequisite 90 average in English 2 OR minimum of 85 average in English 2 Honors

English 3 Honors is an accelerated English class designed for the gifted and talented, college-bound student. This class focuses on the study of American literature in various genres, advanced composition skills using argumentative formats, the application of effective communications and research skills, and continued instruction in techniques of literary criticism. Extensive reading and independent study is required. Summer reading is required.

Title: English 4 CP 302700CW
Credit 1 unit
Grade Level 12
Prerequisite English 3

This course is designed for students to develop writing skills. Emphasis is on enhancing students' creative and imaginative expression and responding to literature. Senior project is a second semester requirement. The senior project is a graduation requirement.

Title: English 4 Honors 302700HW
Credit 1 unit
Grade Level 11 or 12
Prerequisite 90 average in English 3 OR minimum of 85 average in English 3 Honors

English 4 Honors is an accelerated English class designed for students who plan to take Advanced Placement English or to enroll in a Dual Credit English course. The class focuses on the study of the English language and British literature, advanced and sophisticated composition skills, advanced communication skills, techniques of literary criticism and research and presentation skills. This class is both challenging and demanding. Extensive reading and independent study is required. Summer reading is also required. Senior project is a second semester requirement. The senior project is a graduation requirement.

MATHEMATICS CURRICULUM

Title:	Algebra 1 H	411400HW
Credit	1 unit	
Grade Level	8	
Prerequisite	Recommendation from middle school	

Algebra 1 Honors includes an accelerated pace and depth of Algebra 1 content. The course includes the study of variables, field properties, operations on matrices, slope, the equation of a line, solving and graphing linear equations and inequalities, polynomials, factoring techniques, solving quadratic equations, solving systems of linear equations, and probability and statistics. Students completing this course are required to take the South Carolina End of Course Exam. This Exam will be weighted 20% of the student's final grade for the course.

Title:	Algebra 1 CP	411400CW
Credit	1 unit	
Grade Level	9	
Prerequisite	none	

This course includes problem solving involving fractions, sets, decimals, absolute values, sign numbers, expressions, exponents, factoring, inequalities, percent, polynomials, geometry, equations radicals, systems, and fractions, solving linear equations will be emphasized. Students completing this course are required to take the South Carolina End of Course Exam. This Exam will be weighted 20% of the student's final grade for the course.

Title:	Geometry CP	412200CW
Credit	1 unit	
Grade Level	9 - 12	
Prerequisite	Completed an Algebra course with EOC	

The content of Geometry encompasses properties of basic geometric figures; properties of triangles; properties of quadrilaterals and other polygons; properties of circles, lines and special segments intersecting circles; transformations; coordinate geometry; vectors; surface area and volume of three-dimensional objects; and proofs

Title:	Geometry Honors	412200HW
Credit	1 unit	
Grade Level	9 and 10	
Prerequisite	At least an 85 on Algebra 1 H or 90 in Algebra 1 CP	

Geometry Honors includes properties of basic geometric figures; properties of triangles; properties of quadrilaterals and other polygons; properties of circles, lines and special segments intersecting circles; transformations; coordinate geometry; vectors; surface area and volume of three-dimensional objects; and proofs. The content in honors is covered in more depth and at a faster rate. Writing proofs are an integral part of the curriculum.

Title: Algebra 2 CP **411500CW**
Credit 1 unit
Grade Level 10 – 12
Prerequisite Completed an Algebra course with EOC and Geometry

The content of Algebra 2 encompasses systems of equations and inequalities, linear programming, quadratic equations, factoring, completing the square, graphing linear and nonlinear equations, using the quadratic formula, finding the discriminate, operations with matrices, and absolute value equations and inequalities, properties of real numbers, inverse and direct variation, complex numbers, algebraic expressions, nonlinear relationships including exponential, logarithmic, radical, polynomial and rational, conic sections, sequences and series.

Title: Algebra 2 Honors **411500HW**
Credit 1 unit
Grade 10 –11
Prerequisite At least an 85 in Geometry H or a 90 in Geometry CP

The pace and depth of this course is accelerated. The content of Algebra 2 Honors encompasses systems of equations and inequalities, linear programming, quadratic equations, factoring, completing the square, graphing linear and nonlinear equations, using the quadratic formula, finding the discriminate, operations with matrices, absolute value equations and inequalities, properties of real numbers, inverse and direct variation, complex numbers, algebraic expressions, nonlinear relationships including exponential, logarithmic, radical, polynomial and rational, conic sections, sequences and series.

Title: Pre-Calculus H **413100HW**
Credit 1 unit
Grade Level 11 and 12
Prerequisite Geometry and Algebra 2 with at least an 85 in Algebra 2 Honors or 90 in Algebra 2 CP

This course is designed to establish a foundation in the theory of functions, roots and factors of polynomials, exponential and logarithmic functions, the complex number system, and an introduction to trigonometry

Title: Probability and Statistics **414100CW**
Credit 1 unit
Grade Level 11 and 12
Prerequisite Geometry and Algebra 2

This course includes the study of methods of collecting and organizing data, measures of central tendency, variation, sampling theory and hypothesis testing. Emphasis will be on application and problem-solving.

SCIENCE CURRICULUM

Title:	Biology 1 CP (lab science)	322100CW
Credit	1 unit	
Grade Level	9	
Prerequisite	none	

This course includes the study of life and life processes. The course includes basic biological processes, cell structure and mechanisms, basic genetics, and biological lab experiments. Students completing this course may be required to take the South Carolina End of Course Exam. This Exam will be weighted 20% of the student's final grade for the course.

Title:	Biology 1 Honors (lab science)	322100HW
Credit	1 unit	
Grade Level	9	
Prerequisite	Algebra 1 Honors and an 85 or higher in 8th grade science	

This honors level course is for motivated students who need an in-depth and challenging program. Course content encompasses interrelationships of living things, levels of biological organization, human biology, social implications, biochemistry, and genetics. Extensive laboratory work and problem solving are essential components. Students completing this course will be required to take the South Carolina End of Course Exam. This Exam will be weighted 20% of the student's final grade for the course.

Title:	Chemistry 1 CP (lab science)	323100CW
Credit	1unit	
Grade Level	10-11	
Prerequisite	Biology I	

This course is a physical science dealing with the structure and composition of matter. It involves laboratory work and the development of lab skills. This course also involves mathematical calculations and problem solving.

Title:	Chemistry 1 Honors (lab science)	323100HW
Credit	1 unit	
Grade Level	10-11	
Prerequisite	Minimum of 85 in Biology I Honors or 90 in Biology I CP	

This honors level course is for motivated students who need an in-depth and challenging program. Course content encompasses atomic theory, nomenclature, formula writing, writing and balancing reactions, stoichiometry, gas laws, calorimetry, molecular structure and hybridization, intermolecular forces, colligative properties, equilibrium, reaction rates, acids and bases and nuclear chemistry.

Title:	Earth Science (Learning Academy)	326599CW
Credit	1 unit	
Grade Level	9 - 12	
Prerequisite	none	

This course is a study of the Earth as related to the solar system and the universe and their effect on the Earth. Students will study the chemistry of rock formations, physical processes that shape the Earth, the history of the Earth and other environmental concerns. It is only offered online through APEX Learning.

Title:	Environmental Studies (Learning Academy)	326199CW
Credit	1 unit	
Grade Level	10 -12	
Prerequisite	none	

Environmental Science is a multidisciplinary field that draws from all the sciences to help us better understand the relationship between humans and the world in which we live. It applies the principles of the pure sciences such as chemistry and biology to help achieve practical goals. The study of environmental science focuses on three main areas: conservation and protection of natural resources, environmental education and communication, and environmental research. It is only offered online through APEX Learning.

Title:	Anatomy & Physiology (lab science)	326300CW
Credit	1 unit	
Grade Level	12	
Prerequisite	Chemistry 1	

The goal of this course is to give students a thorough understanding of the structure and function of the human body. This course is strongly recommended for students interested in pursuing a medical career.

SOCIAL STUDIES CURRICULUM

Title:	World History	336000CW
Grade Level	9	
Credit	1 unit	
Prerequisite	None	

In Modern World History, students will study the history of the Modern World from 1300 to the present through the lens of inquiry in order to better understand the world that trade created, which led to the influence of interactions of various changes to culture, governments, ideas, innovation, people, religion, and revolution.

Title:	World History Honors	336000HW
Grade Level	9	
Credit	1 unit	
Prerequisite	English 1 Honors and an 85 or higher in 8th grade Social Studies	

In Modern World History Honors, students will study the history of the Modern World from 1300 to the present through the lens of inquiry in order to better understand the world that trade created, which led to the influence of interactions of various changes to culture, governments, ideas, innovation, people, religion, and revolution. Students will begin by learning about the emergence of the Modern World, then move on to expand their understanding of global affairs and interactions, the rise of new governments and world powers, and competition in the global community.

Title: US History and Constitution 332000CW
Grade Level 11 – 12
Credit 1 unit
Prerequisite None

United States History is a study of American political, social, and economic development, beginning with the year 1877 (reconstruction) to the present. Emphasis will be placed on critical thinking and analytical skills. This historical survey will also place an emphasis on geography, government, economics, as they relate to the development of the United States of America. This is a South Carolina high school graduation requirement.

Title: United States History and Constitution Honors 332000HW
Grade Level 10-12
Credit 1 unit
Prerequisite 1. At least an 85 in English 2 Honors or 90 in English 2 CP and
2. At least an 85 in World Geography Honors or 90 in World Geography CP

This course is an accelerated class. United States History is a study of American political, social, and economic development, beginning with the year 1877 (reconstruction) to the present. Emphasis will be placed on critical thinking and analytical skills as well as geography, government and economics, as they relate to the development of the United States of America. Extensive reading and writing is required.

Title: US Government 333000CH
Grade Level 11-12
Credit ½ unit
Prerequisite US History and Constitution

This course defines the role of the United States Government; its purpose, origins, and functions. A strong emphasis is placed on the foundations of American Democracy, as well as an understanding of the American Constitution. This course also seeks to demonstrate the relationship of the United States of America to other countries of the world and the policies that have developed as a result of that interaction. This is a South Carolina high school graduation requirement (partner course with economics).

Title: Economics 335000CH
Grade Level 11-12
Credit ½ unit
Prerequisite US History and Constitution

This course defines the role of economics in everyday life. Beginning with the foundation of scarcity and choices, this economic survey will explore supply and demand and growth in a free enterprise system. Emphasis will be placed on the market economy of the United States, the role of the American Government, and the implications and responsibilities of participating in a global economy (partner course with US Government).

SPECIAL EDUCATION CURRICULUM

Title:	Study Skills 9-12
Grade Level	9 - 12
Credit	1 unit
Prerequisite	Individual Education Plan or 504 Accommodations Plan

This course provides supplemental instruction for students with disabilities, focusing on mastering IEP goals and providing accommodations and modifications.

SOUTH CAROLINA HIGH SCHOOL CREDENTIAL

Minimal Course Requirements: The **South Carolina High School Credential** is designed for students with disabilities for whom the IEP team determined mastery of a career-based educational program that includes academics, independent work experience, daily living skills, and self-determination skill competencies is the most appropriate way to demonstrate his or her skills and provide a FAPE. To attain the South Carolina High School Credential, the student must meet the graduation requirements of one unit of physical education/health (or equivalent) and one unit of technology course; a student must adhere to the local attendance policy; and a student must complete a total of 24 earned units that include the following:

- (a) Course work aligned with the South Carolina College and Career-Ready Standards for English Language Arts (four units), Mathematics (four units), Science (two units), and Social Studies (two units);
- (b) Four units of Employability Education; and
- (c) Six electives.

In addition to completing coursework outlined in Section A, to receive a South Carolina High School Credential, a student must:

- (a) Complete a career portfolio that includes a multimedia presentation project;
- (b) Obtain work readiness assessment results that demonstrate the student is ready for competitive employment;

In addition to completing coursework outlined in Section A and B, in order to receive a South Carolina High School Credential a student must complete work-based learning/training that totals at least 360 hours, in which:

- (a) Work-based learning/training may be school-based, community-based, and/or paid or unpaid employment;
- (b) Work-based learning/training must be aligned with the student's interests, preferences, and postsecondary goals and individual graduation plan; and

(c) Paid employment must be at a minimum wage or above and in compliance with the requirements of the Federal Fair Labor Standards Act;

Courses:

Essentials of English 1

Essentials of English I emphasizes English Language Arts literacy concepts that are aligned to the South Carolina College-and Career-Ready Standards and the Profile of the South Carolina Graduate. This course will provide an integrated model of literacy and self-determination skills necessary for daily living and the world of work. The integrated model of literacy for this course will focus on inquiry, analysis and communication to explore literary, informational, and non-print text.

Essentials of English 2

Essentials of English 2 emphasize English Language Arts literacy concepts that are aligned to the South Carolina College-and Career-Ready Standards and the Profile of the South Carolina Graduate. This course will provide an integrated model of literacy and self-determination skills necessary for daily living and the world of work. This course will focus on immersion of effective communication skills in both daily living and employment settings with the use of standard rules of convention and syntax to give and request information.

Essentials of English 3

Essentials of English 3 emphasize the English 3 course of study aligned to the South Carolina College-and Career-Ready Standards and the Profile of the South Carolina Graduate. This course will provide an integrated model of literacy and self-determination skills necessary for daily living and the world of work. This course will focus on reading, written and oral expression of information required in a variety of daily living and employment settings.

Essentials of English 4

Essentials of English 4 emphasize English Language Arts literacy concepts that are aligned to the South Carolina College-and Career-Ready Standards and the Profile of the South Carolina Graduate. This course will provide an integrated model of literacy and self-determination skills necessary for daily living and the world of work. This course will focus on the integration of reading, written and oral expression through technology and research for daily living, employment, self-advocacy and social purposes.

Essentials of Math 1

Essentials of Math 1 emphasizes basic mathematical concepts needed to compute real world algebraic problems that are aligned to the South Carolina College and Career-Ready Standards and the Profile of the South Carolina Graduate. This course will allow students to make sense of problems and persevere in solving them as well as connect mathematical ideas and real-world situations through modeling. Students will use a variety of mathematical tools effectively and strategically.

Essentials of Math 2

Essential of Math 1 emphasized basic mathematical concepts needed to compute real world algebraic problems that are aligned to the South Carolina College and Career-Ready Standards and the Profile of the South Carolina

Graduate. This course will allow students to identify and utilize structure and patterns as well as communicate mathematically and approach mathematical situations with precision utilizing mathematical tools effectively.

Essentials of Math 3

Essentials of Math 3 emphasize the mathematical concepts needed to compute real world algebraic and geometric problems that are aligned to the South Carolina College and Career-Ready Standards and the Profile of the South Carolina Graduate. This course will allow students to identify and utilize structure and pattern as well as communicate mathematically and approach mathematical situations with precision utilizing mathematical tools effectively.

Essentials of Math 4

Essentials of Math 4 aligns with the CATE Course 5131, Personal Finance and introduces students to the fundamentals of personal finance, which includes budgeting, obtaining credit, maintaining deposit accounts, understanding investments, understanding risk management, computing taxes, and analyzing the basic elements of finance.

Essentials of Biology I

Essentials of Biology I emphasize the biology course of study aligned to the South Carolina College-and Career-Ready Standards and the Profile of the South Carolina Graduate. This course will allow students to engage in problem solving, decision making, critical thinking, and applied learning to become scientifically literate and consumers of scientific information.

Essentials of Physical Science

Essentials of Physical Science emphasizes the Physical Science course of study aligned to the South Carolina College-and Career-Ready Standards and the Profile of the South Carolina Graduate. This course will allow students to engage in core concepts (patterns; cause and effect; scale, proportion, and quantity; systems and system models; energy and matter; structure and function; and stability and change) to become scientifically literate and consumers of scientific information.

Essentials of United States History and the Constitution

Essentials of United States History and the Constitution emphasizes the United States History and the Constitution course of study aligned to the South Carolina Standards and the Profile of the South Carolina Graduate. This course will provide a reward of literacy for the 21st century student. This course will allow students to engage in problem solving, decision making, critical thinking, and applied learning required in citizenship.

Essentials of Government

Essentials of Social Studies 2 emphasize the governmental system of the United States and understanding the nature and purpose of government. This course will further emphasize geography relating to map and global skills.

Employability Education I- Career Awareness and Exploration

The Employability Education I course is designed for students to explore interests, research careers, create resumes, practice interview skills, and conduct informational interviews and job shadows. This course is

designed to introduce students to the fundamental attitudes, behaviors, and habits needed to obtain and maintain employment and make career advancements. Students will participate in school-based learning activities including work ethic development, job-seeking skills, decision-making skills, and self-management. Students will begin a career portfolio as part of the requirements for the South Carolina High School Credential. Formal career planning and development of knowledge regarding transition planning begins in this course and continues throughout the strand of the employability education courses.

Employability Education II- Advanced Awareness and Exploration

The Employability Education II course is designed to develop skills generic to all career majors; resource management, communication, interpersonal relationships, technology, stamina, endurance, safety, mobility skills, motor skills, teamwork, sensory skills, problem solving, cultural diversity, information acquisition/management, and self-management. This course content is focused on providing students with a repertoire of basic skills that will serve as a foundation for future career application. Students will expand their school-based learning activities to include school-based job shadowing and work-based learning activities. Job seeking skills also will be refined. Students may be involved in on-campus vocational training activities such as school-based enterprises, hands-on vocational training in career education courses and the operation of school-based enterprises. Additionally, the course will continue the focus on the development of self-determination skills as well as the career portfolio.

Employability Education III- Career Development

The Employability Education III course is designed to continue the development and begin the application of employability skills. Work-based learning activities are provided including school-based enterprises, community-based training, job shadowing, job sampling, internships, situational assessment and apprenticeships. These work-based activities allow students to apply employability skills to a variety of employment settings and demonstrate the effectiveness of their work personality. Multiple opportunities for leadership and self-determination development are provided.

Employability Education IV- Advanced Career Development

The Employability Education IV course gives students the opportunity to synthesize all the skills acquired in previous employability preparation courses and apply them to their personal career choice. This course allows students to solve work-related problems, practice self-advocacy skills and master the theoretical and practical aspects of their career choice. Students finish completing the 360 hours of work-based learning/ training opportunities that are required for successful completion of the South Carolina High School Credential Course of Study. Students will complete the career portfolio that provides an educational and vocational record of their credential experience.

DISTRICT OCCUPATIONAL CERTIFICATE

A District Occupational Certificate is awarded to students who entered high school before the 2018-2019 school year and have completed the courses aligned with the occupational certificate program and their Individual Education Plan.

FOREIGN LANGUAGE CURRICULUM

Title:	Spanish 1	365100CW
Credit	1 unit	
Grade Level	9 - 12	
Prerequisite	English 1 – The only 9th grade students who may take this course are those who have taken English 1 Honors.	

This course is an introduction to a foreign language where students learn that other people's values and ways of life can be more readily appreciated. The ability to pronounce, comprehend and read simple questions and answers is stressed through drill and by listening to tapes. Students will have had practice in survival skills, such as, ordering a meal, shopping, telling time, using public transportation, asking for and giving directions, and choosing leisure activities. Grammar instruction and vocabulary building provide students with a vehicle for communication and a foundation for future learning.

Title:	Spanish 2	365200CW
Credit	1 unit	
Grade Level	10 - 12	
Prerequisite	Spanish 1	

This second level course in Spanish builds on the listening, speaking, reading, and writing skills acquired in the first level with increasing requirements for accuracy and expanded contexts in all skills. This course provides students with listening and reading skills they will need to meet the entrance requirements for colleges and universities.

Title:	Spanish 3	365300CW
Credit	1 unit	
Grade Level	11 - 12	
Prerequisite	Spanish 2	

Spanish 3 is designed to expand the students' understanding of the Spanish language and its culture, and to enhance the four basic skills of listening, speaking, reading, and writing. Oral language is stressed more than in previous classes and major emphasis is placed on advanced grammar and composition. Reading and writing skills are developed through studies of literary selections and students' compositions.

PHYSICAL EDUCATION CURRICULUM

Title:	PE 1	344100CW
Credit	1 unit	
Grade Level	9 - 12	
Prerequisite	None	
Note:	One unit of physical education is required for a high school diploma.	

This course includes not only the rules and skills of basketball, football, volleyball and baseball, but also the cultural background, sportsmanship, health and safety requirements and selection and care of equipment. The individual sport movements will be broken down into mechanical components, and offensive and defensive strategies will be introduced. Lifetime sports will be stressed through team concepts while increasing skill level. The **fitness** level of students will increase by the use of the FIT principle through physical and aerobic exercises, including dance and aerobic activities. Students will be tested using the state mandated FITNESS GRAM 4 times during the year. Nutrition and wellness will also be a required part of this class. **Students will be required to dress in the school's PE approved clothing daily.**

Title: PE 2 Weightlifting (Semester 1 and 2) 344203CH/344204CH
Credit ½ unit each
Grade Level 10 - 12
Prerequisite PE 1 and eligible to participate in athletics and/or currently participating in school sponsored sport

This is an advanced Physical Education course that emphasizes weight training. A student can gain much from the systematic and intelligent application of modern weight training principles. The total fitness of the students will be enhanced, using the principle of overload with progressive resistance through a full range of motion and cardiovascular fitness routines. Aerobic and cardiovascular exercises will be included. There is a semester one and semester two course.

FINE ARTS/ PERFORMING ARTS CURRICULUM

Title: Art Appreciation 1 351100CW
Grade Level 10 - 12
Credit 1 unit
Prerequisite None

This beginning art class teaches the elements of art and the principals of design. This course is designed as a beginning art class for students wishing to pursue upper level art courses as well as for those who wish to satisfy their Fine Arts requirements for four-year college entry. Students will explore basic art media and techniques, such as drawing, painting, collage, ceramics, basic sculpture and more! Art criticism, aesthetics, and art history are an integral part of the class. Students are required to have a wooden #2 pencil in class at all times as well as a 1 subject notebook for journal writing.

Title: Marching Band/Concert – Band 1 353401CW
Grade Level 9-12
Credit 1 unit
Prerequisite 1 year of Band and director approval

This class is The Ware Shoals Marching Pride and Concert Band. Grades are based on participation at all events and after school practices. The primary focus of this group is performance. Students in this group will be encouraged and challenged to expand their skills to their highest levels.

Title: Marching Band/Concert – Band 2 353402CW
Grade Level 9-12
Credit 1 unit

Prerequisite **Successful Completion of Band 1**

This class is The Ware Shoals Marching Pride and Concert Band. Grades are based on participation at all events and after school practices. The primary focus of this group is performance. Students in this group will be encouraged and challenged to expand their skills to their highest levels.

Title: **Marching Band/Concert – Band 3** **353403CW**
Grade Level **9-12**
Credit **1 unit**
Prerequisite **Successful Completion of Band 2**

This class is The Ware Shoals Marching Pride and Concert Band. Grades are based on participation at all events and after school practices. The primary focus of this group is performance. Students in this group will be encouraged and challenged to expand their skills to their highest levels.

Title: **Marching Band/Concert – Band 4** **353404CW**
Grade Level **9-12**
Credit **1 unit**
Prerequisite **Successful Completion of Band 3**

This class is The Ware Shoals Marching Pride and Concert Band. Grades are based on participation at all events and after school practices. The primary focus of this group is performance. Students in this group will be encouraged and challenged to expand their skills to their highest levels.

Title: **Chorus 1** **354100CW**
Grade Level **9-12**
Credit **1 unit**
Prerequisite **None**

This class will focus on basics such as breathing and reading music. An audition is necessary to determine voice type and range. Students will be required to perform several concerts during the year.

Title: **Music Appreciation 1 (Learning Academy)** **356100CW**
Grade Level **9-12**
Credit **1 unit**
Prerequisite **None**

This class serves as a basic music theory and music history class. Major emphasis is placed on the rules for music composition and the final exam includes a composition project. Students will learn music theory, note and rhythm studies as well as chord progressions and cadences. Offered online only through APEX Learning.

Title: **Drama 1** **452100CW**
Grade Level **10-12**
Credit **1 unit**

Title: High School 101 379900CW
Credit 1 unit
Grade Level 9
Prerequisite none

High School 101 is a class for students in their first year of high school. The purpose of the class is to help students be successful in high school and beyond. Topics covered include: Comprehensive Health, Study Skills, Goal Setting, Time Management, Interpersonal Relationships, Media Literacy, Financial Literacy, and Career Education and Planning. Students also work online in Career Ready 101 to strengthen academic skills and prepare for the Ready-to-Work (WIN) assessment. *Students may opt-out of the Comprehensive Health portion.*

Title: Personal Finance 513100CW
Credit 1 unit
Grade Level 10-12
Prerequisite Completion of grade 9

This course introduces students to the fundamentals of personal finance, which includes budgeting, obtaining credit, maintaining deposit accounts, understanding investments, understanding risk management, computing taxes, and analyzing the basic elements of finance.

Title: Innovations in STEM: Nature and Science of Technology 614000CW
Credit 1 unit
Grade Level 10-12
Prerequisite Completion of grade 9

This is a contextual-based course that introduces students to the core fundamental concepts of science and technology through authentic projects. Through these projects, students will develop an understanding of the relationship between the physical, biological and social world. Students will gain an understanding of the differences between science and technology, and learn that technology is a process for applying science. Students will develop a deeper understanding of scientific inquiry and the engineering design process when solving real-world problems. Students will experience the interaction of science, technology, engineering, math, and literacy through a problem-based learning environment. Finally, the process will require students to use mathematics to analyze costs, develop budgets and make precise measurements to successfully implement project goals.

Title: Innovations in STEM: Core Applications of Science of Technology 614100CW
Credit 1 unit
Grade Level 10-12
Prerequisite Completion of grade 9

This course develops students' problem-solving strategies and skills needed by the 21st century workforce. Students will continue to explore emerging technologies and techniques in the context of addressing authentic projects. Key concepts introduced in this course include sustainability and environmental trends, systems thinking, and trend analysis and prediction. Through engagement, students will experience the necessary connection between literacy, mathematics, and science in a variety of hands-on, real-world projects requiring them to apply academic and technical concepts and skills and technology to complete.

DUAL CREDIT COURSES

Piedmont Technical College: Career and Technical Education

Dual credit courses are opportunities for students to earn both high school and college credit. Dual credit courses are currently offered through Piedmont Technical College and Lander University. Students are responsible for costs associated with tuition, books and fees and must meet eligibility requirements. In some instances, student will be responsible for their own transportation. The requirements for dual credit at Piedmont Technical College and Lander University are outlined below.

Dual enrollment course eligibility requirements:

1. Complete the Piedmont Technical College placement test: Accuplacer
2. Rising 11th or 12th grader
3. Meet qualifying score on the School Counselor/ Teacher Recommendation Form
4. Cumulative GPA of 3.0 or higher

Students eligible for Lottery Tuition Assistance will be able to take courses free of charge as long as they are enrolled in at least 6 credit hours per semester. Students who are not eligible for Lottery Tuition Assistance will pay \$150 per credit hour. Visit the following link for more information on Lottery Tuition Assistance eligibility: <https://www.ptc.edu/cost-financial-aid/types-aid-scholarships/state-aid>

Eligible students may enroll for coursework in following career pathways:

[HVAC](#)
[Mechatronics](#)
[Automotive](#)
[Machine Tool](#)
[Welding](#)
[Commercial Art](#)
[Criminal Justice](#)
[Fire Science/ EMT](#)

Please speak with the School Counselor for meeting times and days. Practice for the Accuplacer test at: <https://accuplacer.collegeboard.org/students/prepare-for-accuplacer/practice>

Piedmont Technical College: Middle College

PTC general education dual enrollment eligibility requirements:

1. Rising 11th or 12th grade
2. Cumulative GPA of 3.5 or higher

3. Grade of 85 or higher in current English III /IV CP (80 or higher in English III /IV Honors) and a grade of 85 or higher in current Algebra II/ Probability and Statistics CP course (80 or higher in Algebra 2 Honors / Pre-Calculus Honors).
4. Meet one or more of the qualifying exam scores:*
 - a. Score at least 510 on the Math and Critical Reading Portions of the SAT
 - b. Score at least a 19 / 20 / 20 on the Math / Reading / English sections of the ACT
 - c. Met the qualifying scores on the Accuplacer exam as defined by PTC

**Students may be available to apply for a waiver if students have met requirements 1-3 and a qualifying score on the School Counselor/ Teacher Recommendation Form.*

Students eligible for Lottery Tuition Assistance will be able to take courses free of charge as long as they are enrolled in at least 6 credit hours per semester. Students who are not eligible for Lottery Tuition Assistance will pay \$150 per credit hour. Visit the following link for more information on Lottery Tuition Assistance eligibility: <https://www.ptc.edu/cost-financial-aid/types-aid-scholarships/state-aid>

PIEDMONT TECHNICAL COLLEGE: MIDDLE COLLEGE

Piedmont Technical College has partnered with Ware Shoals School District 51 and will allow eligible juniors and seniors the opportunity to earn 48+ college credit hours over the course of their high school career. This opportunity requires significant coursework and effort outside the traditional high school required units of study. Students must meet Piedmont Technical College’s general education criteria (see above) and enroll in all classes outlined in the course sequence.

**Tentative course sequence:*

Fall Year I:	Spring Year I	Fall Year II	Spring Year II
ENG 101	ENG 102	ENG 209	SPC 205
MAT 120	MAT 110	MAT 130	PHI 110
ART 101	HIS 102	BIO 101	BIO 102
PSY 201	SOC 101	HIS 201	PSC 201
SPA 101	SPA 102	ECO 210	HIS 202 (optional)
16 Credit Hours	16 Credit Hours	16 Credit Hours	13 (16) Credit Hours

Course Information:

English (ENG)101/102 (These can be taken in the place of English 4)

Public Speaking (SPC) 205 (English 101 prerequisite)

Biology (BIO)101 (Biology 1 and Chemistry 1 prerequisite)

ART 101 (Fine art credit)

Spanish (SPA) 101 (This can be taken in the place of Spanish 3. Prerequisite is the successful completion of Spanish 2.)

Spanish (SPA) 102 (Spanish 101 prerequisite)

Practice for the Accuplacer test at: <https://accuplacer.collegeboard.org/students/prepare-for-accuplacer/practice>

Piedmont Technical College Dual Credit: Health Care Track

The **Health Care Quick Start Program** is a program designed for students interested in a health care career. Eligible student will begin this program in eleventh or twelfth. The following five courses are for year one. These courses will be at the G. Frank Russell Technology Center in Greenwood.

Eligibility Requirements:

1. Express interest in the healthcare field
2. Completion of English 3 and Algebra 2 (see grade requirements outlined below)
3. Apply for Admission to Piedmont Technical College: <https://www.ptc.edu/apply>
4. Submit a Dual Enrollment Registration Form (See School Counselor)
5. Submit a Copy of Student's Birth Certificate
6. Complete Placement Test or Submit Appropriate Scores for SAT or ACT

Title: English 101/102 Dual Credit **301500EW/301600EW**
Credit 1 unit for English 101 and 1 unit for English 102
Grade Level 11
Prerequisites: At least an 80 in English 3 or 4 Honors or a 85 in English 3 or 4 CP and 510 SAT verbal component or 20 on ACT English and Reading Section or Passing Score on the PTC Placement Test for English

In English 101, the following topics are presented: a study of composition in conjunction with appropriate literary selections, with frequent theme assignments to reinforce effective writing. A review of standard usage and the basic techniques of research are also presented. In English 102, the following topics are presented: development of writing skills through logical organization, effective style, literary analysis and research. An introduction to literary genre is also included.

**Students are required to successfully complete both English 101 and 102 to receive their fourth high school English credit.*

Title: Mat 120 (Probability and Statistics) **414300EW**
Credit 1 unit
Grade Level 11
Prerequisites: 510 or higher on the SAT Math Section OR 19 or higher on the ACT Math Section OR a qualifying score on the PTC Placement Test in math

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

Title: AHS 102 (Medical Terminology) **554100EW**
Credit 1 unit
Grade Level 11
Prerequisite Appropriate placement test score

This course covers medical terms, including roots, prefixes, and suffixes, with emphasis on spelling, definition, and pronunciation.

Title:	AHS 180 (Health Careers Preparation)	551000EW
Credit	1 unit	
Grade Level	11	
Prerequisite	Appropriate placement test score	

This course includes selected topics such as study skills, test-taking skills, critical thinking, problem solving, ethics, health careers test preparation and other topics to promote student success.

Lander University Dual Credit Offerings

Eligibility Requirements:

1. Score 900 on PSAT/SAT *or* 17 on Pre-ACT/ ACT
2. Cumulative GPA of 3.5 or higher
3. Application/ Registration form (See School Counselor)
4. Immunization record

Lander University offers two, free 3-hour courses in the fall and two, free 3-hour courses in the spring. If a student takes more than two each term, courses are \$100 per credit hour (e.g. \$300 for a three-hour course and \$400 for a four-hour course). The cost for books/ materials is separate. There are other eligibility requirements for certain courses. See below for these additional requirements. To determine if a course transfers to your desired institution(s) of higher education, please consult with the school your student intends to attend post-graduation. You may also consult with the School Counselor and use the following link to see how courses transfer between institutions: <https://www.sctrac.org/Student/Search-for-Course-Equivalencies>

Title:	ENGL 101/ENGL 102 (Writing and Inquiry I and II)	301500EW/301600EW
Credit	1 unit each	
Grade Level	11-12	
Prerequisite	90 in English 3 CP or English 4 CP / 85 in English 3 Honors or English 4 Honors and meets eligibility requirements for Lander University	

In English 101 students write for a variety of variety of situations, audiences and purposes, with an emphasis on the relationship between writing and thinking (* *Also available online.*). English 102 is a continuation of the 101 course.

* *Students must successfully complete ENGL 101 and 102 to earn their fourth high school English credit*

Title:	MATH 211 (Introduction to Statistical Methods)	414700EW
Credit	1 unit	
Grade Level	11-12	
Prerequisite	90 in Algebra 2 CP or 85 Algebra 2 Honors and meets eligibility requirements for Lander University	

An introduction to elementary data analysis, descriptive measures, theoretical distributions of random variables, and sampling distributions of statistics leading to statistical inference including estimation of parameters with confidence intervals and tests of hypotheses.

Title:	MATH 141 (Single Variable Calculus)	414500EW
Credit	1 unit	

Grade Level 11-12
Prerequisite 85 in Pre-Calculus Honors or 90 in Pre-Calculus CP and meets eligibility requirements for Lander University

Limits, continuity, the derivative, the chain rule, implicit differentiation, applications of the derivative, and the Mean Value Theorem. Definite and indefinite integration, the Fundamental Theorem of Calculus, and an introduction to integration through u-substitution. Students must have a thorough knowledge of precalculus including proficiency with algebra and the trigonometric functions.

Title: BIOL 101/ 101 L (General Biology and Lab) 323000EW
Credit 1 unit
Grade Level 11-12
Prerequisite Biology 1 and Chemistry 1 and meets eligibility requirements for Lander University

This laboratory science course provides non-majors with an introduction to the foundational themes of biology. Topics include scientific inquiry, cellular processes, reproduction, genetics, evolution, ecology, and conservation biology. This course cannot be used to satisfy the requirements for the biology major or biology minor at Lander University. This course has a required lab component.

Title: BIOL 111/111 L (Principles of Biology and Lab) 322800EW
Credit 1 unit
Grade Level 11-12
Prerequisite Biology 1 and Chemistry 1 and meets eligibility requirements for Lander University

One half of a two-semester introduction to biology designed to prepare the student for further study in scientific and medical fields. Topics include the scientific method and biological inquiry, genetics, ecology, evolution, and the history of life. This course has a required lab component.

Title: CHEM 111/ 111 L (General Chemistry) 323700EW
Credit 1 unit
Grade Level 11-12
Prerequisite Biology 1 and Chemistry 1 and meets eligibility requirements for Lander University

A systematic treatment of chemical principles. Topics include atomic structure, chemical bonding, states of matter, thermodynamics, equilibrium principles, kinetics, acid base theory, electrochemistry, coordination compounds, and radiochemistry. This course has a required lab component.

Title: MUSI 101 (Introduction to Music) 356500EW
Credit 1 unit
Grade Level 11-12
Prerequisite Meets eligibility requirements for Lander University

An introductory course in listening, with accompanying discussion of the historical and cultural aspects of the art of music. This course is intended for non-music majors. ** Also available online.*

Title: ART 101 (Introduction to Art) 352000EW
Credit 1 unit
Grade Level 11-12
Prerequisite Meets eligibility requirements for Lander University

A study of the basic visual vocabulary of art: line, tone, color, shape and texture. A study of development of artists in various periods and cultures, from prehistoric to contemporary times. * *Also available online.*

Title: PSYC 101 (General Psychology) 334200EW
Credit 1 unit
Grade Level 11-12
Prerequisite Meets eligibility requirements for Lander University

An introduction to the fundamental laws, facts, problems and fields of psychology and its relation and important applications to other fields. * *Also available online.*

Title: SOCI 101 (Introduction to Sociology) 334700EW
Credit 1 unit
Grade Level 11-12
Prerequisite Meets eligibility requirements for Lander University

General perspectives of sociologists toward human behavior in social groups, the individual as a social actor, interaction pattern between social groups, inter-institutional differentials in human behavior, and dynamics of social systems. Sociology 101 is required of all sociology majors at Lander University.

Title: Spanish 101 Dual Credit
Credit 1 unit
Grade Level 11-12
Prerequisite Spanish 2 and meets the eligibility requirements for Lander University
Students learn basic sentence structure and vocabulary in Spanish and are introduced to the cultures of the Spanish-speaking world. Students also begin to acquire the language skills and cultural knowledge to participate effectively in multilingual communities at home and around the world. Three semester hours of college credit.

*Additional courses may be available. Please contact the School Counselor to get more information and the deadline for submission of documentation.

Lander University Teacher Cadet Program at Ware Shoals High School

Title: Careers in Teaching / Teacher Cadet Dual Credit 373500EW
Credit 1 unit
Grade Level 11-12
Prerequisite/ Eligibility Students must meet requirements set forth by the Center of Educator Recruitment, Retention, and Advancement which includes: 3.0 GPA on a 4.0 scale, three letters of recommendation from teachers and completed student application and essay.

The Careers in Teaching/Teacher Cadet course is offered through Lander University as a dual credit course. The curriculum is designed for students at the top of the junior and senior classes who are interested in teaching as a

career or those who are interested in knowing more about the educational process. Students will experience an exciting hands-on exploration of learning, teaching, and the educational system.

G. FRANK RUSSELL TECHNOLOGY CENTER COURSES

The G. Frank Russell Technology Center offers courses under the following career clusters: Architecture and Construction; Business, Management, and Administration; Education and Training; Finance; Health Science; Hospitality and Tourism; Human Services; Information Technology; Manufacturing; Science, Technology, Engineering and Mathematics; and Transportation, Distribution, and Logistics. Several programs partner with Piedmont Technical College or Lander University to offer dual credit, allowing students the opportunity to earn both high school credit and college credit simultaneously. **Programs may have fees which must be paid directly to the Technology Center upon enrollment. Approximate fees for 2022-2023 can be obtained from the Technology Center.**

Students attending the Technology Center have the opportunity to participate in a variety of educational and extracurricular activities including job shadowing, cooperative education, mentoring, service-learning projects, programs and clubs, student representatives, National Technical Honor Society, team building endeavors and character education. The Technology Center serves high school students from Greenwood School Districts 50, 51, and 52. Transportation is provided to and from the Technology Center from each high school campus. **Only those students obtaining permission from their high school may drive/ride personal vehicles to the Technology Center; driving guidelines set by the home high school and the Technology Center are to be followed.** Students will be allowed to take two units per semester at the Technology Center. Special permission must be obtained from the Technology Center Director for a student to enroll in more than 2 classes per semester.

The G. Frank Russell Technology Center is open Monday through Friday from 7:30 a.m. until 4:00 p.m. Students and parents are invited to call 864-941-5750 or visit the Technology Center for further information. Review the Program of Study by visiting https://www.gwd50.org/apps/pages/index.jsp?uREC_ID=1683815&type=d&pREC_ID=1832038. Navigate to “POS 2022-2023 FINAL revised 12-15-21”.

Schools of Study, Career Clusters, and Proposed Majors

See following pages for course offerings at WSHS and the G. Frank Russell Technology Center Program of Studies for additional offerings.

School of Arts and Humanities	School of Business Management and Information Systems	School of Engineering, Manufacturing, and Industrial Technologies	School of Health Science and Human Services
Arts, Audio/Visual and Communications Cluster <ul style="list-style-type: none"> • Journalism • Performing Arts • Visual Arts 	Business Management and Administration Cluster <ul style="list-style-type: none"> • Administrative Services • Business Information Management 	Agriculture, Food, and Natural Resources Cluster <ul style="list-style-type: none"> • Agricultural Studies 	Health Science Cluster <ul style="list-style-type: none"> • Medical Technology/Support Services • Nursing
Education and Training Cluster <ul style="list-style-type: none"> • Early Childhood Education • Teaching: Elementary 	Information Technology Cluster <ul style="list-style-type: none"> • Computer Programming and Software Development 	Architecture and Construction Cluster <ul style="list-style-type: none"> • Architect and Construction Technology 	Human Services Cluster <ul style="list-style-type: none"> • Cosmetology • Counseling and Social Work

and Secondary Education			
Government and Public Administration <ul style="list-style-type: none"> • None 	Hospitality and Tourism Cluster <ul style="list-style-type: none"> • Culinary Arts (Food Services) 	Manufacturing Cluster <ul style="list-style-type: none"> • Machine Tool Technology/ Industrial Maintenance 	Law, Public Safety and Security Cluster <ul style="list-style-type: none"> • Law and Law Enforcement
	Marketing Sales and Service Cluster <ul style="list-style-type: none"> • Advertising, Marketing and Sales 	Science, Technology and Engineering Cluster <ul style="list-style-type: none"> • Pre-Engineering • Sciences: Biology, Chemistry, and Pre-Medical Studies 	
	Finance Cluster <ul style="list-style-type: none"> • Finance 	Transportation, Distribution, and Logistics Cluster <ul style="list-style-type: none"> • Automotive Collision Diagnosis and Repair • Automotive Technology 	

Cluster: BUSINESS MANAGEMENT AND ADMINISTRATION EDUCATION

Major: Business Information Management

A completer in **Business Information Management** must complete 3 units. Required units are **Digital Publication Design** and **Image Editing 1**. The third unit required for completer status can be one of the following: **Integrated Business Applications 1, Digital Multimedia, Google Applications** or **Web Page Design 1**.

Title:	Digital Publication Design	517601CW
Credit	1 unit	
Grade Level	9 - 12	
Prerequisite	Keyboarding and either Computer Applications or Integrated Business Applications 1	

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.

Title:	Image Editing 1	534001CW
Grade Level	9-12	
Credit	1 unit	
Prerequisite	Integrated Business Applications 1 or Google Applications	

This class is dedicated to learning Photoshop. It reinforces design skills and creativity, but its ultimate goal is to become very familiar with the Photoshop environment and the use of its tools.

****Special Materials: Students will need an approved digital camera. A flash drive will also be needed. There is a \$15 art fee**

Title:	Digital Multimedia	503000CW
Credit	1 unit	
Grade Level	9 – 12	
Prerequisite	None	

This course is designed to provide the student with the knowledge and skills needed for entry-level positions in multimedia. Multimedia combines computer-based text, graphics, audio, and video within an interactive environment.

Title:	Google Applications	500700CW
Credit	1 unit	
Grade Level	9 - 12	
Prerequisite	None	

Google Applications is designed to introduce students to many of the applications that Google offers. The course builds on skills beyond the traditional introductions of computer concepts and incorporates technologies using emerging applications for productivity, creativity, collaboration, and third party add-ons. It will prepare student for learning and working in the 21st century through communication and collaboration tools. Real work student-centered activities, projects, and collaborative works will strengthen student’s technology skills in the continually changing online Google community.

Cluster: AGRICULTURAL CURRICULUM

Major: Horticulture

- A completer in **Horticulture** you must successfully complete **Agricultural Science, Agricultural Mechanics, Introduction to Horticulture, and Turf and Lawn Management.**

Title:	Agriculture Science and Technology	562400CW
Credit	1 unit	
Grade Level	9 – 12	
Prerequisite	None	

This course is designed to teach essential concepts in plant and animal science and agriculture mechanics. Typical learning activities include identifying plants, explaining the biological processes, designing and installing landscapes as well as animal and livestock management. Students will be introduced to welding, tool and die, electricity, and basic carpentry. FFA membership and participation is required.

Title:	Agricultural Mechanics and Technology	561000CW
Credit	1 unit	
Grade Level	9 - 12	
Prerequisite	None	

This course is designed to give students hands-on experience in operating, maintaining and basic repairing of Agricultural equipment. Students will be able to practice and observe these skills in an outdoor setting. Both classroom lecture and outdoor laboratory experiences will assist the student to gain skills for employment in an agricultural setting.

Title:	Introduction to Horticulture	565000CW
Credit	1 unit	
Grade Level	9 – 12	
Prerequisite	None	

This course emphasizes the understanding of ornamental horticulture. Typical learning activities include growing, establishing, and maintaining nursery plants, greenhouse crops, and turf grass, designing landscapes, preparing floral designs and selling flowers. FFA membership and participation is required.

Title:	Turf and Lawn Management	565400CW
Credit	1 unit	

Grade Level 9 – 12
Prerequisite None

Turf and Lawn Management course is designed to teach technical knowledge and skills for entry-level positions in the turf grass industry. The principles and practices involved in establishing, managing, and maintaining grassed areas for ornamental and/or recreational purposes are studied.

Typical instructional activities include hands-on experiences with analyzing problems and developing site plans for golf courses and commercial, church, and home lawns; establishing, fertilizing, irrigating, and pest management control of grassed areas; operating and maintaining machinery and equipment; participating in personal and community leadership development activities; planning and implementing a relevant school-to-work transition experience; and participating in FFA activities. The instructor will select units of instruction based on a local needs assessment.

Cluster: Electricity

Title:	Electricity 1	628700CW
Credit	1 unit	
Grade Level	10-12	
Prerequisite	none	

This course covers modules in: orientation to the electrical trade, electrical safety, introduction to electrical circuits, electrical theory and code, device boxes, hand bending, raceways and fittings, conductors and cables, basic electrical construction drawings, residential electrical services, and electrical test equipment. This course will be two class periods in length. It is offered in semester one.

Title:	Electricity 2	628800CW
Credit	1 unit	
Grade Level	10-12	
Prerequisite	Successful completion of Electricity 1	

This course covers modules in: alternating current, motors (theory and application), electric lighting, conduit bending, pull and junction boxes, conductor installations, cable tray, conductor terminators and splices, grounding and bonding, circuit breakers and fuses, and control systems and fundamental concepts. This course will be two class periods in length and follows the *Electricity 1* course offered in semester one.

SCHOOL – TO – WORK CURRICULUM

Title	Work-Based Credit (G. Frank Russell Technology Center)	549004CW/549005CW
Grade Level	12	
Credit	2 units (one per semester)	
Prerequisite	Coordinator approval, application with employer and parent signatures, an insurance fee is required	

This Course allows students to earn credit for working. Applications must be received by the Frank G. Russell Technology Center and approved by the School-to-Work coordinator. See the application below.

Coordinate prior to summer registration. Students will be required to purchase school insurance and attend an orientation meeting prior to course enrollment. Students will be expected to work a minimum of 12 hours per week and turn in employer-signed time sheets bi-weekly. Students will be observed by the School-to-Work coordinator at least 2x per semester. Students must begin work at 3:30 pm at least one day per week, so that the coordinator can view students at work.

Title	Information Technology Work Based Learning	539001CW
Grade Level	11-12	
Credit	1 unit	
Prerequisite	Coordinator approval, application, and interview	

The Information Technology Work Based Learning course provides a hands on approach to learning fundamental information technology skills. Students will assess real world problems and apply the skills they learn in the course to solve those problems. The purpose of this course is to provide real life work experience in the field of information technology and to prepare students to sit for information technology exams should they so choose. Those exams include, but are not limited to, CompTIA A+, CompTIA Network +, Cisco CCENT, Microsoft Technology Associate, and Microsoft Certified Solutions Expert exams. The location of this course is at **Ware Shoals High School**.