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Lexington High School

2020-2021 Course Catalog

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COURSE DESCRIPTIONS, REQUIREMENTS, AND RECOMMENDATIONS

***Grade level recommendations for courses are based on the district's scope and sequence, however, schools make scheduling decisions in the best interest of each student.**

ENGLISH

The SC College and Career Ready Standards for English Language Arts are the culmination of an extended, broad-based effort to fulfill the charge issued by the states to create the next generation of K-12 standards in order to help ensure that all students are college and career ready.

Students advancing through the grades are expected to meet each year's grade specific standards, retain or further develop skills and understandings mastered in preceding grades, and work steadily toward meeting the more general expectations described by the standard.

In order to receive a South Carolina high school diploma, students are required to earn at least four core (non-elective) units in English. The district endorses the practice of taking an English course each year of high school. Students may enroll in dual enrollment English 101 after completing English 3 to complete district English requirements. The SC End-of-Course Examination Program (EOCEP) requires an end-of-course test at the end of English 2.

Secondary Literacy **308600CW**

Grade 9 **1 unit elective credit**

Enrollment is based on standardized test scores. The course is designed to strengthen literacy skills and strategies required by all content areas. A variety of print and multimedia materials are used to enhance comprehension. Through reading and writing workshops and direct instruction, students build strategies for creating an assortment of visual, oral, and written responses in order to analyze texts. Students are expected to provide structured evidence of their learning.

English 1 **302400CW**

Grade 9 **1 English credit**

In this course, students write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of tasks, purposes, and audiences. Students initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners about topics, texts and issues, building on others' ideas and expressing their own clearly and persuasively.

Students are expected to apply knowledge of language to understand how language functions in different contexts, to make effective choices for meaning or style, and to comprehend more fully when reading or listening. In addition, students acquire and use general academic and domain- specific words and phrases, sufficient for reading, writing, speaking, and listening at the college and career readiness level. By the end of the course, students should be able to read and comprehend a variety of literary and informational texts proficiently.

English 1 Honors **302400HW**

Grade 9 **1 English credit**

Requirement: Summer reading

Recommended: Grade of 80 or better in the previous English course

In this course, students write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of tasks, purposes, and audiences. Students initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners about topics, texts and issues, building on others' ideas and expressing their own clearly and persuasively.

Students are expected to apply knowledge of language to understand how language functions in different contexts, to make effective choices for meaning or style, and to comprehend more fully when reading or listening. In addition,

students acquire and use accurately general academic and domain-specific words and phrases, sufficient for reading, writing, speaking, and listening at the college and career readiness level.

Students engage in Socratic Seminars where they seek deeper understanding of complex ideas in text through rigorously thoughtful dialogue. Honors students are expected to read and comprehend complex literary and informational texts independently and proficiently.

English 2 **302500CW**

Grade 10 **1 English credit**

Requirement: S.C. End-of-Course Examination Program English 2 End- of-Course Test

Prerequisite: English 1

In this course, students write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of tasks, purposes, and audiences. Students initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners about topics, texts and issues, building on others' ideas and expressing their own clearly and persuasively. Students are expected to apply knowledge of language to understand how language functions in different contexts, to make effective choices for meaning or style, and to comprehend more fully when reading or listening. In addition, students acquire and use accurate general academic and domain-specific words and phrases, sufficient for reading, writing, speaking, and listening at the college and career readiness level.

By the end of the course, students should be able to read and comprehend a variety of literary and informational texts proficiently. At the end of this course, students will take the S.C. End-of-Course Examination Program English 2 End-of-Course Test.

English 2 Honors **302500HW**

Grade 9, 10 **1 English credit**

Prerequisite: English 1 or English 1 Honors

Requirement: Summer reading and S.C. End-of-Course Examination Program English 2 End- of-Course Test

Recommended: Grade of 80 or better in the previous English course

In this course, students write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of tasks, purposes, and audiences. Students initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners about topics, texts and issues, building on others' ideas and expressing their own clearly and persuasively. Students are expected to apply knowledge of language to understand how language functions in different contexts, to make effective choices for meaning or style, and to comprehend more fully when reading or listening. In addition, students acquire and use accurate general academic and domain-specific words and phrases, sufficient for reading, writing, speaking, and listening at the college and career readiness level. Students engage in Socratic Seminars where they seek deeper understanding of complex ideas in text through rigorously thoughtful dialogue. Honors students are expected to read and comprehend complex literary and informational texts independently and proficiently. At the end of this course, students will take the S.C. End-of-Course Examination Program English 2 End- of-Course Test.

English 2 Honors LHS Pre-IB **30260BHW**

Grade 9, 10 **1 English credit**

Prerequisite: English 1 or English 1 Honors

Requirement: Summer reading and S.C. End-of-Course Examination Program English 2 End- of-Course Test

Recommended: Grade of 80 or better in the previous English course

This course has the same standards and curriculum as English 2 Honors, but it is taught with an IB focus.

English 3 **302600CW**

Grade 11 **1 English credit**

Prerequisite: English 2

In this course, students will gather relevant information from multiple print and multimedia sources. Students effectively assess the strengths and limitations of each source in terms of the task, purpose, and audience; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and over-reliance on any one source and following a standard format for citation. Students write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of tasks, purposes, and audiences. Students must initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners about topics, texts and issues, building on others' ideas and expressing their own clearly and persuasively.

Students present information, findings, and supporting evidence to convey a clear and distinct perspective, such that listeners can follow the line of reasoning. Students ensure the organization, development, substance, and style of their presentation (written or oral) are appropriate to purpose and audience in a range of formal and informal tasks.
Students acquire and use accurate general academic and domain- specific words and phrases, sufficient for reading, writing, speaking, and listening at the college and career readiness level. By the end of the course, students should be able to read and comprehend a variety of literary and informational texts proficiently.

English 3 Honors **302600HW**

Grade 10, 11 **1 English credit**

Prerequisite: English 2 or English 2 Honors

Requirement: Summer reading

Recommended: Grade of 80 or better in the previous English course

In this course, students will gather relevant information from multiple print and multimedia sources. Students effectively assess the strengths and limitations of each source in terms of the task, purpose, and audience; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and over-reliance on any one source and following a standard format for citation. Students write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of tasks, purposes, and audiences. Students must initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners about topics, texts and issues, building on others' ideas and expressing their own clearly and persuasively.

Students present information, findings, and supporting evidence to convey a clear and distinct perspective, such that listeners can follow the line of reasoning. Students ensure the organization, development, substance, and style of their presentation (written or oral) are appropriate to purpose and audience in a range of formal and informal tasks.

Students engage in Socratic Seminars where they seek deeper understanding of complex ideas in text through rigorously thoughtful dialogue. Students acquire and use accurately general academic and domain-specific words and phrases, sufficient for reading, writing, speaking, and listening at the college and career readiness level. By the end of the course, students should be able to read and comprehend a variety of literary and informational texts independently and proficiently.

English 4 **302700CW**

Grade 12 **1 English credit**

Prerequisite: English 3

In this course, students will gather relevant information from multiple print and multimedia sources. Students effectively assess the strengths and limitations of each source in terms of the task, purpose, and audience; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and overreliance on any one source and following a standard format for citation. Students write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of tasks, purposes, and audiences. Students must initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners about topics, texts and issues, building on others' ideas and expressing their own clearly and persuasively.

Students present information, findings, and supporting evidence to convey a clear and distinct perspective, such that listeners can follow the line of reasoning. Students ensure the organization, development, substance, and style of their presentation (written or oral) are appropriate to purpose and audience in a range of formal and informal tasks. Students

acquire and use accurately general academic and domain- specific words and phrases, sufficient for reading, writing, speaking, and listening at the college and career readiness level.

By the end of the course, students should be able to read and comprehend a variety of literary and informational texts proficiently.

Advanced Placement English Language and Composition **307101AW**

Grade 11, 12 **1 English credit**

Prerequisite: English 3 Honors or English 3

Requirements: AP Language and Composition Exam, summer reading/assignment

Recommended: Grade of 80 or better in the previous English course

Students engage in rigorous study of British literature, including a thorough understanding of its themes and periods. This course enables students to read complex texts with understanding and to write prose of sufficient richness and complexity to communicate effectively. Students write both informal and formal contexts to gain authority and learn to take risks in writing. As well as engaging in varied writing tasks, students become acquainted with a wide variety of prose styles from many disciplines and historical periods and gain an understanding of the connections between writing and interpretive skills in reading.

Advanced Placement English Literature and Composition **307000AW**

Grade 11, 12 **1 English credit**

Prerequisite: English 3 Honors or English 3

Requirements: AP Literature and Composition Exam, summer reading/assignment

Recommended: Grade of 80 or better in the previous English course

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.

English- Dual Enrollment through USC Sumter

Dual enrollment courses provide an avenue through which highly-talented high school youth can earn college credit while simultaneously meeting high school graduation requirements. Students typically take two college-level courses per semester (6 credit hours), taught by an approved USC Sumter professor. The professor designs the course including the syllabus and all major assessments and the course is the equivalent of those taught at the USC Sumter campus.

In this arrangement, when the student successfully completes the course, USC Sumter posts the earned credit to the college transcript and the high school posts the earned credit to the student's high school transcript. **If you decide to enroll in a course for dual credit, please be aware that you are establishing a permanent college transcript so your success is very important.**

Dual enrollment courses count toward the grade point average (GPA) and hours earned (and attempted) for a student's first year in college which can affect eligibility for financial aid programs in subsequent years in college.

English 101- Critical Reading and Composition **301500EW**

Prerequisite: English 3, 3.0+ GPA AND ACT score of 19 OR SAT/PSAT score of 900 **1 English credit**

Sponsored by USC Sumter, this introductory composition course is designed to help students develop the critical thinking and writing skills students will need in their college and career work. Students will write intensively in and out of class, be expected to read assignments closely, share insights in frequent class discussions, and participate in peer editing

process.

English 102- Rhetoric and Composition **301600EW**

Prerequisite: ENGL 101 with a grade of "C" or better, or equivalent credit **1 English credit**

Instruction and intensive practice in researching, analyzing, and composing written arguments about academic and public issues.

MATHEMATICS

In order to receive a South Carolina High School Diploma, students are required to earn at least four units in mathematics. Additionally, the Commission on Higher Education (CHE) requires a minimum of four units in mathematics (including Algebra 1, Algebra 2, Geometry, and a fourth, higher-level mathematics unit) for applicants to four-year programs in South Carolina public colleges and universities.

To ensure a well-rounded mathematics curriculum, students are required to take courses in algebra, geometry and statistics. Knowledge of mathematics is needed by 21st Century Graduates to be successful in most careers and/or professions. Students are encouraged to take at least one course in mathematics each year and more than the required four units. Students should pay special attention to course descriptions that recommend a minimum grade average in a prior course. Students not achieving this average are advised to take steps to improve their understanding of the prerequisite content before taking subsequent courses. Access to a graphing calculator outside the classroom is recommended for all high school mathematics courses.

The South Carolina End-of-Course Examination Program (EOCEP) includes an end-of-course assessment for mathematics. At the completion of Algebra 1 Honors, Algebra 1 or Intermediate Algebra, students are required to take the state-developed Algebra 1 End-of-Course test. This test is the final exam for Algebra 1 Honors, Algebra 1 and Intermediate Algebra.

Note about Algebra: Students must not enroll in Foundations in Algebra prior to ninth grade. A school that offers Foundations in Algebra must subsequently offer Intermediate Algebra. Students who successfully complete Foundations in Algebra **must** subsequently enroll in Intermediate Algebra. Upon completion of this two-course sequence, students must take the state-mandated Algebra 1 End-of-Course assessment (Algebra 1 EOCEP) administered at the completion of the second course, Intermediate Algebra.

Students may not receive mathematics credits for both Foundations in Algebra and Algebra 1. In that case, one course will receive mathematics credit; the other will receive elective credit. Students who have a final average of D in Algebra 1 may subsequently enroll in Intermediate Algebra. Students who complete Intermediate Algebra after Algebra 1 must retake the state-mandated Algebra 1 End-of-Course assessment (Algebra 1 EOCEP) administered at the completion of Intermediate Algebra.

As of 2019-2020, a student that takes Intermediate Algebra after Algebra 1 may no longer have both credits count as mathematics credits for graduation. In this instance, 1 course will count as an elective (not math) credit.

Foundations in Algebra **411600CW**

Grade 9 **1 math credit**

This course is the first in a two-course progression designed to prepare students for success in advanced mathematics courses by providing a foundation in algebra and probability. This course builds on the conceptual knowledge and skills students mastered in their middle level mathematics courses in the areas of algebraic thinking, geometry, measurement, probability, data analysis, and proportional reasoning. The students who complete this two-course progression of Foundations in Algebra and Intermediate Algebra are prepared for the state-mandated end-of-course assessment (Algebra 1 EOCEP) administered at the completion of Algebra 1 or Intermediate Algebra.

****Students who enroll in Foundations in Algebra MUST also enroll in Intermediate Algebra**

Intermediate Algebra **411700CW**

Grades 9, 10 **1 math credit**

Prerequisite: Foundations in Algebra

Requirement: The South Carolina Algebra 1 End-of-Course Test

The Intermediate Algebra course is the second in a two-course progression designed to prepare students for success in advanced mathematics courses by providing a foundation in algebra and statistics. This course builds on the conceptual knowledge and skills students mastered in Foundations in Algebra and middle level mathematics in the areas of algebraic thinking, geometry, measurement, probability, data analysis, and proportional reasoning. The students who complete this two-course progression of Foundations in Algebra and Intermediate Algebra are prepared for the state-mandated end- of-course assessment (Algebra 1 EOCEP) administered at the completion of Algebra 1 or Intermediate Algebra. Students who earn a D or an F in Algebra 1 may take Intermediate Algebra prior to taking Geometry or Algebra 2. Any student who takes Intermediate Algebra after Algebra 1 may no longer have both credits count as mathematics credits for graduation. In this instance, 1 course will count as an elective (not math) credit.

Students who complete Intermediate Algebra after Algebra 1 must retake the state-mandated Algebra 1 End-of-Course test administered at the completion of Intermediate Algebra.

Algebra 1 **411400CW**

Grade 9, 10 **1 math credit**

Requirement: The South Carolina Algebra 1 End-of-Course Test.

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.

Algebra 1 Honors **411400HW**

Grade 9 **1 math credit**

Requirement: The South Carolina Algebra 1 End-of-Course Test

Recommended: Grade of 80 or higher in previous math course

This course is designed for students who have demonstrated exceptional mathematical abilities. It includes applications of algebraic concepts and problem-solving processes that require abstract reasoning abilities and/or a creative analysis of information. Topics include the real number system, equations and inequalities, operations with polynomials, radicals, quadratics, exponentials and graphing. Problems that involve both linear and nonlinear functions are included. In addition to traditional computational methods, students use graphing calculators and/or computer software as tools for problem solving.

Algebra 2 **411500CW** **1 math credit**

Prerequisite: Algebra 1

Recommended: Grade of 75 or higher in Algebra 1

This course continues the development of algebraic concepts and skills. Students use equations, inequalities, real numbers and polynomials to solve problems. Additional topics include conic sections, quadratic functions, exponential functions, logarithmic functions, and rational functions and sequences. In addition to traditional computational methods, students use graphing calculators and/or computer software as tools for problem solving. Students who earn a D in Algebra 1 may take Intermediate Algebra prior to taking Geometry or Algebra 2. In this instance, Intermediate Algebra will count as an elective (not math) credit.

Algebra 2 Honors **411500HW** **1 math credit**

Prerequisite: Algebra 1

Recommended: Grade of 80 or higher in Algebra 1 Honors

This course is designed for students who have demonstrated exceptional mathematical capabilities during the study of Algebra 1. It facilitates the development of proficiency in solving equations and inequalities, using radicals and manipulating polynomials. Additional topics include conic sections, quadratic functions, exponential functions, logarithmic

functions, and rational functions and sequences. In addition to traditional computational methods, students use graphing calculators and/or computer software as tools for problem solving.

Algebra 2 Honors LHS Pre-IB **41150BHW** **1 math credit**

Prerequisite: Algebra 1

Recommended: Grade of 80 or higher in Algebra 1 Honors

This course has the same standards and curriculum as Algebra 2 Honors, but it is taught with an IB focus.

Geometry **412200CW** **1 math credit**

Prerequisite: Algebra 1

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.

Geometry Honors **412200HW** **1 math credit**

Prerequisite: Algebra 1

Recommended: Grade of 80 or higher in Algebra 1 Honors

This course provides a comprehensive study of geometric concepts and principles. Students are required to apply geometric theorems to problem-solving situations that require abstract reasoning abilities. Logical reasoning is developed through various kinds of proofs. In addition to traditional computational methods, students use graphing calculators and/or computer software as tools for problem solving.

Geometry Honors LHS Pre-IB **41150BHW** **1 math credit**

Prerequisite: Algebra 1

Recommended: Grade of 80 or higher in Algebra 1 Honors

This course has the same standards and curriculum as Geometry Honors, but it is taught with an IB focus.

Probability and Statistics **414100CW**

Grades 10–12 **1 math credit**

Prerequisite: Algebra 1

Recommended: Grade of 75 or higher in Algebra 2

This course includes the study of probability, statistics and discrete mathematics topics. Students collect, organize, display, analyze and interpret data to solve mathematical and contextual problems. They use probability to model and solve real-world problems. In addition to traditional computational methods, students use graphing calculators and/or computer software as tools for problem solving.

Advanced Placement Statistics **417100AW**

Grades 10–12 **1 math credit**

Prerequisite: Algebra 2

Requirement: Advanced Placement Statistics Exam, Statistics Extension Honors linked course

This course is appropriate for students pursuing a degree in mathematics, engineering, psychology, sociology, health science or business. Four basic concepts are studied: exploring data, planning a statistical study, anticipating patterns using probability and simulations, and drawing statistical inferences. The course is equivalent to an introductory non-calculus college course in statistics. 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-honors course:

AP Statistics Preparation Lab Honors **314900HH** **½ unit**

This course is a required link to Advanced Placement Statistics and is only open to those students enrolled in that course.

Discrete Mathematics **414200CW**

Grades 11, 12 **1 math credit**

Prerequisite: Algebra 1, Geometry

This course includes the study of set theory, logic, number theory, graph theory, matrices, and vectors. Additional topics may include voting theory, apportionment, game theory, and/or consumer mathematics. Students apply knowledge of special functions and graphs to solve problems. In addition to traditional computational methods, students use graphing calculators and/or computer software as tools for problem solving.

Algebra 3 **411300CW**

Grades 11, 12 **1 math credit**

Prerequisite: Algebra 2, Geometry

This course focuses on the development of an understanding of functions and the application of functions and advanced mathematics concepts to solve problems. The course includes a study of polynomial, rational, exponential, logarithmic and trigonometric functions. Emphasis is on active participation through modeling, technology lab activities, group activities and communication in mathematics. Students are expected to use technology, including graphing calculators, computers and data-gathering equipment. The course is a bridge between Algebra 2 and Pre-calculus.

Pre-Calculus **413100CW**

Grades 11, 12 **1 math credit**

Prerequisite: Algebra 2, Geometry

Recommended: Grade of 75 or higher in Algebra 2

This course prepares students to study calculus in high school or at a technical college or four-year college or university. It is appropriate for students who need knowledge in advanced mathematical concepts and trigonometry. Students should have demonstrated a thorough understanding of algebraic concepts and a working knowledge of geometric theorems.

This course includes the study of polynomial, trigonometric, exponential and logarithmic functions as well as parametric equations and polar coordinates.

Pre-Calculus Honors **413100HW**

Grades 11, 12 **1 math credit**

Prerequisite: Algebra 2, Geometry

Recommended: Grade of 80 or higher in Algebra 2 Honors

This course prepares students to study calculus and other advanced mathematics courses. It is intended for those students who have demonstrated exceptional mathematics abilities and desire a rigorous comprehensive course of study. This course includes the study of polynomial functions, trigonometric functions, exponential functions, logarithmic functions, parametric equations and polar coordinates.

Calculus **413500CW**

Grade 12 **1 math credit**

Prerequisite: Pre-Calculus

This course is designed to introduce students to basic calculus topics and applications. It is intended for students who plan to pursue a degree at a four-year or two-year college or university that requires the successful completion of a calculus course. Topics introduced in Pre-Calculus are revisited and extended. Calculus topics include limits, derivatives and simple integration techniques with their applications for problem solving.

Advanced Placement Calculus AB **417000AW**

Grade 12 **1 math credit**

Prerequisites: Pre-Calculus

Requirement: Advanced Placement Calculus AB Exam, Calculus AB Extension Honors linked course

Recommended: Grade of 75 or higher in Pre-Calculus Honors or Pre-Calculus, a score of 55/550 on the math portion of the PSAT/SAT

This course includes a study of elementary functions, differential calculus and integral calculus. The College Board determines the course description; therefore, the content of this course must adhere to those requirements. Students must be prepared to spend an average of one hour per night on homework to be successful.

**This course is linked to a required half-unit honors course:

AP Calculus AB Preparation Lab Honors **314901HH** **½ unit**

This course is a required link to Advanced Placement Calculus AB and is only open to those students enrolled in that course.

Advanced Placement Calculus BC **417200AW**

Grade 12 **1 math credit**

Prerequisites: Pre-Calculus Honors

Requirement: Advanced Placement Calculus BC Exam

Recommended: Grade of 80 or higher in Pre-Calculus Honors, a score of 60/600 on the math portion of the PSAT/SAT

This course is intended for students who have a thorough knowledge of college preparatory mathematics. The syllabus includes a study of elementary functions, differential calculus, integral calculus, series and sequences, and includes calculus topics generally taught in two semesters at the college level. The College Board determines the course description; therefore, the content of this course must adhere to those requirements. Students must be prepared to spend an average of one hour per night on homework to be successful.

**This course is linked to the required Advanced Placement Calculus AB.

SCIENCE

The Commission on Higher Education (CHE) requires three units of laboratory science for admission to SC state-supported four-year colleges. Two units must be in two different fields and selected from among biology, chemistry, earth science**,** and physics. The third unit may come from the same field as one of the first two units. Courses taken that have a prerequisite of Biology 1, Earth Science, and/or Chemistry 1 also count as laboratory sciences for CHE credit. All students are required to pass Biology 1 in order to earn a diploma. The South Carolina End-of-Course Examination Program includes the end-of-course test in Biology 1.

Physical Science **321100CW** **1 science credit**

This course is a survey of the principal concepts of chemistry and physics. Laboratory investigations and hands-on activities are an integral part of this course. Chemistry units include: acids and bases, atomic structure, states of matter, bonding and reactions, and nuclear chemistry. Physics units include: motion, forces, conservation of energy, and electricity. The course is based on the 2014 South Carolina Academic Standards and Performance Indicators for Science. Standards were selected from Chemistry and Physics. **This course does not qualify as a CHE lab credit for colleges.**

Biology 1 **322100CW** **1 unit CHE lab science credit**

Grade 10

Requirement: The S.C. End-of-Course Examination

This course covers the major concept areas of biological science including: the cell; molecular basis of heredity; biological change; diversity in living systems; and environmental relationships. The student develops an understanding and appreciation of all living things and their critical relationship with one another. (All of the **Biology** South Carolina Academic Standards and Performance Indicators for Science are addressed.)

Biology 1 Honors **322100HW**

Grade 9 **1 unit CHE lab science credit**

Requirement: The S.C. End-of-Course Examination

Within the framework of development from simplest to the most complex, the unique structures, processes, and organization of life forms are treated in-depth through the study of cells; genetics; biological change and diversity of life; matter, energy, and organization in living systems; and the interrelationship between organisms and the environment. This course serves as a foundation for the student interested in pursuing AP Biology. Extensive laboratory investigations are an integral part of this course. Independent and group investigations and research are conducted throughout the course. (All of the **Biology** South Carolina Academic Standards and Performance Indicators for Science are addressed.)

Biology 1 Honors LHS Pre-IB **32210BHW**

Grade 9 **1 unit CHE lab science credit**

Requirement: The S.C. End-of-Course Examination

This course has the same standards and curriculum as Biology 1 Honors, but it is taught with an IB focus.

Biology 2 **322200CW**

Grades 11, 12 **1 unit CHE lab science credit**

Prerequisite: Biology 1

This course is designed to prepare students for many college- level Biology courses. It is taught in a hands-on, real-world manner. The concepts of this course include: the environment and current environmental issues, animal behavior, plants, evolution, and classification with a specific focus on each of the kingdoms. Biology 2 also includes animal anatomy and physiology through the use of dissections.

Advanced Placement Biology **327200AW**

Grades 10–12 **1 unit CHE lab science credit**

Prerequisite: Biology 1

Requirement: AP Biology Exam, Biology Extension Honors linked course

Recommended: Honors Biology 1 or 85 or higher in Biology 1; Chemistry 1 (completed), a 55/550 on the verbal section of the PSAT/SAT or 25 on the PLAN/ACT verbal

This course is a second year of intensive biology designed to prepare students to take the Advanced Placement Biology Examination. The course meets the objective of a general biology course at the college level. The College Board determines the course description (including dissection); therefore, the content of this course must adhere to those requirements.

**This course is linked to a required one-unit honors course:

AP Biology Preparation Lab Honors **328901HW** **1 unit elective credit**

This course is a required link to Advanced Placement Biology and is only open to those students enrolled in that course.

Environmental Science **326100CW** **1 unit science credit**

Grades 11-12

This course is designed to assist students in developing awareness, knowledge and skills needed to make informed decisions concerning wildlife and the environment. Topics include wildlife and ecological systems, conservation, plant and animal diversity, and wildlife issues and trends. Laboratory activities, including field studies, are an aspect of this course. **This course does not qualify as a CHE lab credit for colleges.**

Marine Science **322500CW**

Grades 11–12 **1 unit CHE lab science credit**

Prerequisite: Biology 1

This course is for students with an interest in science and/ or may be considering a career in environmental or marine science. Lab, classroom work and independent research are required for an in-depth study of:-marine and coastal ecosystems; plant and animal life; and ecological principles. The course integrates current events and topics in marine science with textbook information. A required dissection of a marine organism enhances the study of these unique animals.

Anatomy and Physiology **326300CW**

Grades 11, 12— **1 unit CHE lab science credit**

Prerequisite: Biology 1

Recommended: Grade of 80 or better in Biology 1

This course is designed to extend the learning in Biology 1 for students interested in possible health and medical careers. The content applies to the human body and the molecular and cellular bases of organisms as taught in Biology 1. The content provides knowledge of individual functioning units of the body and how they complement the whole body organism. Students attain a working vocabulary of medical terminology. Laboratory investigations are a routine portion of the class.

Chemistry 1 **323100CW**

Grades 10–12 **1 unit CHE lab science credit**

Prerequisite: Biology 1, Algebra 1 (non-concurrent)

Recommended: Grade of 80 or better in Algebra I

This course deals with the nature and structure of matter, the periodic system, chemical reactions, balancing equations, mathematics of chemistry, gases, solutions and solubility, calorimetry and acid-base relationships. Emphasis is placed on problem solving. (All of the Chemistry South Carolina Academic Standards and Performance Indicators for Science are addressed.)

Chemistry 1 Honors **323100HW**

Grades 10–12 **1 unit CHE lab science credit**

Prerequisite: Biology 1, Algebra 2

Recommended: Grade of 80 or better in Algebra courses

This course is an in-depth study of the chemical principles described in Chemistry 1 with emphasis placed on chemical calculations. (All of the Chemistry South Carolina Academic Standards and Performance Indicators for Science are addressed.)

Chemistry 1 Honors LHS Pre-IB **32310BHW**

Grades 10–12 **1 unit science credit**

Prerequisite: Biology 1, Algebra 2

Recommended: Grade of 80 or better in Algebra courses

This course has the same standards and curriculum as Chemistry Honors, but it is taught with an IB focus.

Chemistry 2 **323200CW**

Grades 11, 12 **1 unit CHE lab science credit**

Prerequisite: Chemistry 1, Algebra 2

Recommended: Grade of 80 or better in math and science courses

This course is an in-depth study of chemical principles with appropriate laboratory activities enhancing the content. Mathematical skills are essential. The course expands on Chemistry 1 Theory and covers such new topics as thermodynamics, equilibrium and electrochemistry. Emphasis is placed on problem solving and critical thinking.

Advanced Placement Chemistry **327300AW**

Grades 11, 12 **1 unit CHE lab science credit**

Prerequisite: Chemistry 1, Algebra 2

Requirement: AP Chemistry Exam, Chemistry-Extension Honors linked course

Recommended: Grade of 80 or better in Algebra 2 and Chemistry 1, a 60/600 on the math section of the PSAT/SAT or 27 on the ACT math

This course is a second year of intensive chemistry designed to prepare the student to take the Advanced Placement Chemistry Examination. The course meets the objective of a general chemistry 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 one-unit honors course:

AP Chemistry Preparation Lab Honors **328900HW** **1 unit elective credit**

This course is linked to Advanced Placement Chemistry and is open only to students enrolled in that course.

Physics **324100CW**

Grades 11, 12 **1 unit CHE lab science credit**

Prerequisite: Biology 1, Algebra 2, Geometry

Recommended: Grade of 80 or better in Algebra 2

This is a mathematical science course covering the classical and modern topics in physics. Topics include measurement, mechanics, wave motion, sound, light, optics, color, thermodynamics, electricity and electromagnetism, and relativity. (All of the Physics South Carolina Academic Standards and Performance Indicators for Science are addressed.)

Advanced Placement Physics 1 **328200AW**

Grades 11-12 **1 unit CHE lab science credit**

Prerequisite: Pre-Calculus (completed or concurrent)

Requirement: AP Physics 1 Exam

AP Physics 1 is the equivalent of a first-semester college course in algebra-based physics. It is designed to enable AP students to develop a deep understanding of the content and to focus on applying their knowledge through inquiry labs. The full course also allows time for inclusion of physics content specified by state standards. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It also introduces electric circuits.

**This course is linked with a required .5 credit lab:

AP Physics 1 Preparation Lab Honors **328900HW** **½ unit elective credit**

This course is linked to Advanced Placement Physics 1 and is open only to students enrolled in that course.

Advanced Placement Physics C Mechanics **327500AW**

Grade 12 **1 unit CHE lab science credit**

Prerequisite: Physics or AP Physics 1, AP Calculus (completed or concurrent)

Requirement: AP Physics C Mechanics Exam

Recommended: A 60/600 on the math portion of the PSAT/ SAT or 27 on the ACT math

This course focuses on mechanics with calculus being used in problem solving and in derivations. Laboratory experience is an integral part of the course. This course is appropriate for students who are planning to major in science or engineering at the college level. The College Board determines the course description; therefore, the content of this course must adhere to those requirements.

Advanced Placement Physics C Electricity & Magnetism **327600AW**

Grade 12 **1 unit CHE lab science credit**

Prerequisite: Physics or AP Physics 1, AP Calculus (completed or concurrent)

Requirement: AP Physics C Electricity & Magnetism Exam

Recommended: A 60/600 on the math portion of the PSAT/ SAT or 27 on the ACT math

This course focuses on classical electricity and magnetism with calculus being used in problem solving and in derivations. Laboratory experience is an integral part of the course. This course is appropriate for students who are planning to major in science or engineering at the college level. The College Board determines the course description; therefore, the content of this course must adhere to those requirements.

Earth Science **326501CW**

Grades 10–12 **1 unit CHE lab science credit**

Recommended: Biology 1, Chemistry 1

This course is designed to meet the SC Earth Science Academic Standards related to geology, paleontology, biogeochemical cycles, weather and climate, and astronomy. The overall approach shows how these systems function and interrelate with each other. Students examine the nature of Earth's composition, processes and place in the universe in order to tie in their relevance to local and global issues.

Astronomy **325100CW**

Grades 11, 12 **1 unit CHE lab science credit**

Prerequisite: Biology 1, Algebra 2

This course includes historical analysis of modern astronomy and cosmology. Astronomy topics include gravity and motion, optical astronomy, non-visible astronomy, the solar system, properties of stars, stellar evolution, galaxies and cosmology. Space science topics include history of space flight, discoveries of modern space exploration, societal impact issues and planetary exploration. Modern astronomy, physics and space exploration are connected with units on basic optics, telescopes and spectroscopy. Students may attend evening and early morning stargazing programs.

Science- Dual Enrollment through USC Sumter

Dual enrollment courses provide an avenue through which highly-talented high school youth can earn college credit while simultaneously meeting high school graduation requirements. Students typically take two college-level courses per semester (6 credit hours), taught by an approved USC Sumter professor. The professor designs the course including the syllabus and all major assessments and the course is the equivalent of those taught at the USC Sumter campus.

In this arrangement, when the student successfully completes the course, USC Sumter posts the earned credit to the college transcript and the high school posts the earned credit to the student's high school transcript. **If you decide to enroll in a course for dual credit, please be aware that you are establishing a permanent college transcript so your success is very important.**

Dual enrollment courses count toward the grade point average (GPA) and hours earned (and attempted) for a student's first year in college which can affect eligibility for financial aid programs in subsequent years in college.

CHEM 105 - Chemistry and Modern Society I **423600EW** **1 unit CHE lab science credit**

Required: 3.0+ GPA AND ACT score of 19 OR SAT/PSAT score of 900

Recommendation: 80 and above in Chemistry 1

A conceptual and qualitative approach to chemistry, its evolution, achievements, and goals and its impact on technology, the environment, and modern life and thought. **(Specifically designed for non-science majors.)**

SOCIAL STUDIES

To receive a South Carolina High School Diploma students must earn three units in Social Studies. U.S. History (1 unit), United States Government (1/2 unit), and Economics and Personal Finance (1/2 unit) are required courses. The third unit must be a course designated as a social studies elective.

All social studies courses are aligned with the South Carolina Social Studies Academic Standards. The academic standards are grade-specific and call for the integration of content standards (what students are expected to know in each area) and process standards (what skills students are expected to develop).

United States History and the Constitution **332000CW**

Grade 11 **1 social studies credit**

Requirement: The S.C. U.S. History End-of-Course Test.

In the United States History and the Constitution course, students will employ the skills of a historian to explore the foundation of the American Republic and the expansion and disunion of the United States. Students will investigate the impact of American industrialism and capitalism, including being drawn into world wars, on American politics and geopolitics. Through the lens of the Cold War, students will study the contemporary era including the age of technological development, increased civic participation, and political party realignment.

Advanced Placement United States History **337200AW**

Grade 11 **1 social studies credit**

Requirements: AP U.S. History Exam, U.S. History Extension Honors linked course, the S.C. End-of-Course Examination, summer reading/assignment may be assigned

Recommended: A score of 58/580 on the verbal section of the PSAT/SAT or completed English 2 Honors with a grade of 80 or higher

This course provides students with a learning experience equivalent to that obtained in college introductory United States history courses. Students examine major historical developments from the age of discovery to the present. This course is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with problems and materials in United States history. Emphasis is placed on analyzing historical data, synthesizing evidence and evaluating the ideas of others as students develop the ability to express themselves with clarity and precision when writing essays. 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 one-unit honors course:

Advanced Placement U.S. History Preparation Lab Honors **336900HW** **1 social elective credit**

This course is a required link to Advanced Placement U.S. History and is only open to those students enrolled in that course.

United States Government **333001CH**

Grades 11, 12 **.5 social studies credit**

Students study the United States Government beginning with the historical and philosophical principles that led to the development of the American constitutional democracy and how those fundamental ideas have continued to sustain America's democratic society. Students will learn how various powers are granted and distributed among the different branches and levels of government, and how checks and balances prevent one branch from overpowering the others. Additionally, students will investigate how American political values are formed and how government functions through individual participation and policy making. In order to continue to thrive, a strong democracy relies on active participation by informed individuals dedicated to upholding the rule of law and individual rights. Overall, the study of the United States Government provides a basis for students to develop the skills necessary to live and thrive in America's constitutional democracy and participate in society as active and informed citizens.

Advanced Placement U.S. Government and Politics **337300AW**

Grades 11, 12 **1 social studies credit**

Requirement: AP American Government Exam, summer reading/assignment may be assigned

Recommended: A score of 58/580 on the verbal section of the PSAT/SAT or completed a previous Honors English course with a grade of 80 or higher

This course provides students with a comprehensive critical perspective on American government and politics. Students develop analytic perspectives for interpreting, understanding and explaining political events in this country. The course provides students with a learning experience equivalent to that obtained in most college introductory U.S. government and politics courses. The College Board determines the course description; therefore, the content of this course must adhere to those requirements.

Economics and Personal Finance **335000CH**

Grades 11, 12 **.5 social studies credit**

Students study economics and personal finance beginning with how humans address the fundamental problem of scarcity by making choices based on the existence of limited resources. Using the skills of the economist, students will learn how rational decisions are made using marginal analysis, and that all choices are met with consequences. Students will investigate how personal financial decisions related to careers, spending, and short- and long-term goal setting impact one's standard of living and long-term financial well-being. Traditionally, the field of economics is divided into two categories: microeconomics and macroeconomics. In the domain of microeconomics, students will survey the impact of demand, supply, various market structures, and government policies have on market prices for goods, services, and wages for workers. Inquiry into macroeconomics involves observing trends in the economy at large and the policies that are undertaken to promote the economic well-being of a society. Holistically, the study of economics and personal finance provides a basis for students to develop the skills necessary to live and thrive financially in the 21st century, and participate in society as active and informed decision-makers.

Advanced Placement Microeconomics **337500AW**

Grades 11, 12 **1 social studies credit**

Prerequisites: Algebra 2

Requirement: AP Microeconomics Exam, summer reading/ assignment may be assigned

This course is designed to provide a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and the role of government in promoting greater efficiency and equity in the economy. The College Board determines the course description; therefore, the content of this course must adhere to those requirements.

Advanced Placement Macroeconomics **337400AW**

Grades 11, 12 **1 social studies credit**

Prerequisite: Algebra 2

Requirement: AP Macroeconomics Exam, summer reading/ assignment may be assigned

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. The College Board determines the course description; therefore, the content of this course must adhere to those requirements.

Advanced Placement European History **337600AW**

Grades 10–12 **1 social studies credit**

Requirement: AP European History Exam, European History Extension Honors linked course, summer reading/assignment may be assigned

Recommended: A score of 58/580 on the verbal section of the PSAT/SAT or completed a previous Honors English course with a grade of 80 or higher

This course provides students with a learning experience equivalent to that obtained in college introductory European history courses. This course focuses on the fundamental role of cultural, economic, political and social developments in European history from 1450 to the present. Emphasis is placed on analysis of historical evidence and written expression of historical understanding. 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-honors course and is designated as a social studies elective credit.

AP European History Preparation Lab Honors **336901HH** **.5 elective credit**

This course is a required link to Advanced Placement European History and is only open to those students enrolled in that course.

Human (World) Geography **331000CW** **1 social studies credit**

This course introduces students to human geography beginning with the use of maps and other geographic representations, geospatial technologies, and spatial thinking 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. Conceptual in nature rather than place specific, this course is organized systematically around the topics of population and migration geography, economic geography, cultural geography, political geography, and urban geography. Students will also learn to employ spatial concepts and landscape analysis to examine human patterns and processes and their environmental consequences.

Advanced Placement Human Geography **337900AW** **1 social studies credit**

Requirement: AP Human Geography Exam, summer reading/ assignment may be assigned

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. The College Board determines the course description; therefore, the content of this course must adhere to those requirements. This course is designated as a social studies elective credit.

World History **336000CW** **1 social studies credit**

This course is designed as a study of the history of the Modern World in grade ten, beginning with the time period of 1300 to present. Students will begin by learning about the emergence of the Modern World from 1300–1500, global affairs and interactions (1450– 1815), the rise of the new governments and competition in the global community (1815–1918), the emergence of new world powers (1885–1950), and the world from World War II to present day (1933–present). Students will learn all Modern World History through the lens of inquiry in order to study the world that trade created, which led to the influence of interactions of various changes to culture, governments, ideas, innovation, people, religion, and revolution with an intent to create a citizen who has a global perspective.

Advanced Placement World History: Modern **337701AW** **1 social studies credit**

Requirements: AP World History Exam, summer reading/ assignment may be assigned

Recommended: English 1 Honors with an 80 or above

Students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time.

The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. College Course Equivalent AP World History: Modern is designed to be the equivalent of an introductory college or university survey of modern world history.

There are no prerequisites for AP World History: Modern. Students should be able to read a college-level textbook and write grammatically correct, complete sentences and be able to develop a historically defensible argument.

Law Education **333600CW** **1 social studies credit**

Grades 10-12

This course introduces and provides an overview of law and the legal system. It provides students with practical information, problem-solving skills and a basic understanding of law-related terms. This course is designated as a social studies elective credit.

Psychology **334001CH**

Grades 11, 12 **.5 social studies credit**

This course focuses on the factors that influence the behavior of individuals. By learning these principles and their applications, students develop a better understanding of themselves and others. This course is designated as a social studies .5 elective credit.

Advanced Placement Psychology **437100AW**

Grades 11, 12 **1 social studies credit**

Requirements: AP Psychology Exam, summer reading/ assignment may be assigned

Recommended: A score of 58/580 on the verbal section of the PSAT/SAT or completed a previous Honors English course with a grade of 80 or higher.

This course introduces the systematic and scientific study of the behavior and mental processes of human behavior and mental processes of human beings and other animals. It includes a consideration of the psychological facts, principles and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologists use in their science and practice. The College Board determines the course description; therefore, the content of this course must adhere to those requirements.

Sociology **334501CH**

Grades 11, 12 **.5 social studies credit**

This course provides an analysis of human relationships in modern culture through an examination of institutions, traditions, customs and trends. This course is designated as a social studies .5 elective credit.

Social Studies- Dual Enrollment through USC Sumter

Dual enrollment courses provide an avenue through which highly-talented high school youth can earn college credit while simultaneously meeting high school graduation requirements. Students typically take two college-level courses per semester (6 credit hours), taught by an approved USC Sumter professor. The professor designs the course including the syllabus and all major assessments and the course is the equivalent of those taught at the USC Sumter campus.

In this arrangement, when the student successfully completes the course, USC Sumter posts the earned credit to the college transcript and the high school posts the earned credit to the student's high school transcript. **If you decide to enroll in a course for dual credit, please be aware that you are establishing a permanent college transcript so your success is very important.**

Dual enrollment courses count toward the grade point average (GPA) and hours earned (and attempted) for a student's first year in college which can affect eligibility for financial aid programs in subsequent years in college.

HIST 111 - United States History to 1865 **332100EW**

Grades 11, 12 **1 unit social studies credit**

Required: 3.0+ GPA AND ACT score of 19 OR SAT/PSAT score of 900

A general survey of the United States from the era of discovery to 1865, emphasizing major political, economic, social, and intellectual developments.

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HIST 112 - United States History since 1865 **332200EW**

Grades 11, 12 **1 unit social studies credit**

Required: 3.0+ GPA AND ACT score of 19 OR SAT/PSAT score of 900

A general survey of the United States from 1865 to the present, emphasizing major political, economic, social, and intellectual developments. Honors sections are available for students in the honors program.

Students can count HIST 111 AND HIST 112 (must take both) as their US History requirement for a SC High School Diploma.

SOCY 101 - Introductory Sociology **334700EW**

Grades 11, 12 **1 unit social studies credit**

Required: 3.0+ GPA AND ACT score of 19 OR SAT/PSAT score of 900

An introduction to sociological facts and principles: an analysis of group-making processes and products.

PSYC 101 - General Psychology **339932EH**

Grades 11, 12 **1 unit social studies credit**

Required: 3.0+ GPA AND ACT score of 19 OR SAT/PSAT score of 900

An introduction to and survey of the basic concepts and findings within the field of psychology.

Social Studies- IB Certificate

NEW FOR 20-21 Not all students choose to take the full International Baccalaureate Diploma Programme course load leading to a diploma. This year, students can take individual IB classes and earn a certificate of completion for each class (with a score of 4 or higher on the examination).

Lexington High School will offer certificates in: Language-B SL courses (French, German, Spanish), Language-B Classical Language SL course (Latin), SL Psychology, SL Economics, and SL Art. Students must choose one Language-B course and one additional course (SL Psychology, SL Economics, SL Art) and commit to two years (A/B schedule) in order to be eligible to earn the certificates.

Economics, SL **335A00HW (Grade 11)** **335A00IW (Grade 12)**

Prerequisite: Algebra 2

This course, offered at both the higher and standard levels, is designed to develop: disciplined economic reasoning skills; an ability to apply the tools of economic analysis to situations and data and to explain the findings clearly; an understanding of how individuals and societies organize themselves in the pursuit of economic objectives; an ability to evaluate economic theories, concepts, situations and data in a way which is considered rational and unprejudiced; international perspectives which feature a tolerance and understanding of the diversity of economic realities in which individuals and societies function. This course also aims to provide students with core knowledge of economics, encourage critical thinking, promote awareness and understanding of internationalism, and recognize their tendencies for bias. While students focus on the basic principles of economics, they need to employ the scientific method in discovering the application of these principles to the everyday world. This requires that they incorporate elements of history, geography, psychology, sociology, political studies as well as math and science. World citizenship is enhanced as they gain an understanding of world economies, developing economies, and our responsibility in aiding and sharing with other economies.

Assessments are conducted using a combination of tests, quizzes, and timed writings, research, presentations, and seminars. At the end of the course, students take the Economics SL Exam.

Psychology, SL **334A00HW (Grade 11)** **334A00IW (Grade 12)**

Prerequisite: Algebra 2

The course of study for IB Psychology focuses on the systematic study of human behavior and the mental and experiential factors that influence behavior. Students develop an understanding of the historical roots of psychology as well as an appreciation for the diversity of the human experience. Through the study of the three major perspectives in psychology – biological, behavioral, and cognitive – students focus on the skills of critical thinking and the methods of empirical investigation that are the hallmarks of psychology. This course introduces the systematic and scientific study of the behavior and mental processes of human beings and other animals. It includes a consideration of the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students also learn about research methodology and ethics that psychologists use in their science and practice. Attention is given to ethical procedures and issues throughout the course.

Assessments are conducted using a combination of tests, quizzes, and timed writings, research, presentations, and seminars. At the end of the course, students take the Psychology SL Exam.

WORLD LANGUAGES

Students planning to enter a four-year, state-supported college in South Carolina are required to complete at least two years of the same world language. Some colleges now require three units of the same language. For returning high school students and students from other districts; level one courses are open to all interested students. It is recommended that students have a strong foundation in English/language arts and appropriate study habits in order to be successful in a world language. Beginning at level three, students may enroll in honors-level courses. After which, students may enroll in Level four and five honors or Advanced Placement. Students are urged to pay special attention to course descriptions that recommend a minimum grade or performance level in a prerequisite course. Students not achieving at or above this minimum level have historically had difficulty achieving a satisfactory level in subsequent courses. For more information about proficiency and Lexington One's World Language courses and program, visit: www.lexington1.net, click on "quick links" and then scroll down to World Languages. Or you can visit: https://lexoneworldlanguages.weebly.com/

French 1 **361100CW** **1 unit**

This course introduces the structure and phonetic system of the French language. It covers the development of communication skills in written and spoken language and the cultures and civilizations of France and other French-speaking countries.

French 2 **361200CW** **1 unit**

This course expands on the skills introduced in French 1 and emphasizes proficiency and cultural comparisons.

French 3 **361300CW** **1 unit**

This course is a review and expansion of structure, vocabulary and usage of the French language with emphasis on authentic communication. Culture, civilization and comparisons are important aspects of the course.

French 3 Honors **361300HW** **1 unit**

Recommended: Grade of 80 or better in French 2

This course is a review and expansion of structure, vocabulary, usage and culture. Students are expected to use French extensively for communication in the class, with creative projects and activities to supplement routine class materials.

French 4 Honors **361400HW**

Grades 10–12 **1 unit**

Recommended: Grade of 80 or better in French 3

This course is an advanced study of the French language and culture emphasizing comprehension and communication of current topics as well as literature and civilization. Students improve fluency and accuracy while engaging in creative and cooperative projects in the classroom and in the language community.

French 5 Honors **361500HW**

Grades 11, 12 **1 unit**

Recommended: Grade of 80 or better in French 4

This advanced course extends and expands skills already developed, emphasizing extended conversation, reading and composition. Students also begin a more serious study of French history and literature.

German 1 **362100CW** **1 unit**

This course introduces the phonetic system and structure of the German language. Emphasis is on development of communication skills. The cultures of German-speaking countries are studied.

German 2 **362200CW** **1 unit**

This course expands vocabulary and structure with continued emphasis on communication skills.

German 3 **362300CW** **1 unit**

This course is a review and expansion of structure, vocabulary and usage of the German language with emphasis on authentic communication. Culture and civilization are also important facets of the course.

German 3 Honors **362300HW** **1 unit**

Recommended: Grade of 80 or better in German 2

This course is an expansion of vocabulary and review of grammar and usage. Emphasis is on reading both current and classical authentic texts, comprehending the spoken language, conversing in German and writing with increased proficiency.

German 4 Honors **362400HW** **1 unit**

Recommended: Grade of 80 or better in German 3

This course is an advanced study of German with an emphasis on comprehension and communication about current topics, literature and culture. Students work to achieve better oral and written proficiency.

German 5 Honors **362500HW** **1 unit**

Recommended: Grade of 80 or better in German 4 Honors

This advanced communication and culture course extends and expands skills developed in German 4 and emphasizes extended conversation, reading and composition.

German – AP **367300AW** **1 unit**

Grades 11-12

Prerequisite: Proficiency at or above 14, recommended for 11th and 12th grade

The AP German Language and Culture course strives to promote both fluency and accuracy in language use. In order to best facilitate the study of language and culture, the course is taught in the target language. The AP German Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of products, both tangible (e.g., tools, books, music) and intangible (e.g., laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions that underlie both practices and products).

Latin 1 **363100CW** **1 unit**

This course focuses on the basic structures of the Latin language and acquiring a basic vocabulary by reading the language. Students study mythology and everyday life of ancient Romans and the many contributions by the Romans to modern language and civilization.

Latin 2 **363200CW** **1 unit**

This course is a continuation of Latin 1 with an added emphasis on early Roman history. Students improve their ability to read Latin.

Latin 3 Honors **363300HW** **1 unit**

Recommended: Grade of 80 or better in Latin 2

This course mainly emphasizes reading in Latin from various authors. Students develop reading skills taught in the previous two courses and complete their study of advanced grammatical structures. Students also research various phases of Roman civilization and history.

Latin 4 Honors **363400HW**

Grades 10–12 **1 unit**

Recommended: Grade of 80 or better in Latin 3 Honors

This course is an advanced course in Latin with an emphasis on reading authentic Latin text. Students read selections from Julius Caesar's De Bello Gallico, the tale of Jason and the Argonauts, and a variety of other golden and silver Latin literature. Students also continue their study of mythology, Roman history, and culture.

Russian 1 **364100CW** **1 unit**

This course is designed to introduce the Russian language and culture using communicative language learning strategies. It introduces the structure and phonetic system of the Russian language. It covers the development of communication skills in written and spoken language and the culture and civilization of Russia. Units of study include About You and Me, The Community, Daily Life, and The World.

Russian 2 **364200CW** **1 unit**

Prerequisite: Russian 1

This course is a review and expansion of structure, vocabulary and usage of the Russian language with emphasis on authentic communication. Culture, civilization, and comparisons are important aspects of the course. Expanded units of study include About You and Me, The Community, Daily Life, and The World.

Russian 3 Honors **364300HW**

Grades 10-12 **1 unit**

Prerequisite: Russian 2

This course is a review and expansion of structure, vocabulary and usage of the Russian language with emphasis on authentic communication. Culture, civilization, and comparisons are important aspects of the course. Students also study Russian Literature, culture and civilization.

Spanish 1 **365100CW** **1 unit**

This course introduces the structure and phonetic system of the Spanish language with emphasis on oral proficiency and writing skills. The cultures of Spain and Latin America are studied.

Spanish 2 **365200CW** **1 unit**

This course expands and continues the skills introduced in Spanish 1 with continued emphasis on oral and written proficiency.

Spanish 3 **365300CW** **1 unit**

This course reviews and expands on the structure, vocabulary and usage of the Spanish language, emphasizing authentic communication in the language. Students also study Spanish literature, culture and civilization.

Spanish 3 Honors **365300HW** **1 unit**

Recommended: Grade of 80 or better in Spanish 2

This course is a continued expansion of communication skills and cultural comparisons. Students are expected to use Spanish extensively in the classroom and engage in creative, meaningful projects and activities.

Spanish 4 Honors **365400HW** **1 unit**

Recommended: Grade of 80 or better in Spanish 3

This advanced Spanish language course emphasizes speaking and oral comprehension of current topics. Students also study the structure of the Spanish language, development of writing skills and expanded reading comprehension.

Spanish 5 Honors **365500HW** **1 unit**

Recommended: Grade of 80 or better in Spanish 4

This advanced communication and culture course extends and expands the skills developed in Spanish 4, emphasizing extended conversation, reading and composition. Students complete a major project.

Spanish – AP **367500AW** **1 unit**

Grades 11-12

Prerequisite: Proficiency at or above 14, recommended for 11th and 12th grade

AP Spanish Language is a college-level course. The course is conducted in Spanish and students are expected to communicate in Spanish at all times. Students have the opportunity to demonstrate proficiency by engaging in daily activities that require the three modes of communication (Interpersonal, Interpretive, and Presentational). Students will use a variety of authentic resources and materials to hone their speaking, listening, reading and writing skills. Students will take the AP Spanish Language and Culture exam at the end of this course.

Spanish 4 Honors Immersion **365402HW** **1 unit**

*** **Immersion students must request two immersion courses per year**

This advanced communication and culture course extends and expands the skills developed in Spanish 3, emphasizing extended conversation, reading and composition. Students complete a major project.

Spanish 5 Honors Immersion **365502HW** **1 unit**

*** **Immersion students must request two immersion courses per year**

This advanced communication and culture course extends and expands the skills developed in Spanish 4, emphasizing extended conversation, reading and composition. Students complete a major project.

Immersion Bridge to College and Career **369908HW** **1 unit**

*** **Immersion students must request two immersion courses per year**

This advanced communication and culture course extends and expands the skills developed in world languages, emphasizing extended conversation, reading and composition. Students complete a major project.

World Languages- IB Certificate

****NEW FOR 20-21**** Not all students choose to take the full International Baccalaureate Diploma Programme course load leading to a diploma. This year, students can take individual IB classes and earn a certificate of completion for each class (with a score of 4 or higher on the examination).

Lexington High School will offer certificates in: Language-B SL courses (French, German, Spanish), Language-B Classical Language SL course (Latin), SL Psychology, SL Economics, and SL Art. Students must choose one Language-B course and one additional course (SL Psychology, SL Economics, SL Art) and commit to two years (A/B schedule) in order to be eligible to earn the certificates.

Course Description for Language-B SL Courses:

Building on skills acquired in the previous courses, students expand their grammatical knowledge and skill in complex structures and increase their vocabulary through a deeper insight into the people and their culture. Through a more extensive practice in listening, speaking, reading, and writing, students strengthen their proficiency in self-expression and develop a deeper comprehension of the language. Students are examined internally and externally on oral and written assignments, which include individual and group performance, listening skills, and literary analysis.

At the completion of the course students are required to sit for the Language-B SL Exam.

Language-B SL, (French) **361J00HW (Grade 11)** **361G00IW (Grade 12)**

Prerequisite: French 1/French 2; French 3 Honors

Language-B SL, (German) **362J00HW (Grade 11)** **362G00IW (Grade 12)**

Prerequisite: German 1/German 2; German 3 Honors

Language-B SL, (Spanish) **365J00HW (Grade 11)** **365G00IW (Grade 12)**

Prerequisite: Spanish 1/Spanish 2; Spanish 3 Honors

Language-B Classical Languages SL, (Latin) **363D00HW (Grade 11)** **363A00IW(Grade 12)**

Prerequisite: Latin 1/Latin 2; Latin 3 Honors

It is important that students understand both the serious dedication of a college level course and the quality of the material studied. The IB curriculum brings students into contact with Roman writers of a more sophisticated and mature level than they have heretofore encountered. Students are examined internally and externally on oral and written assignments which include individual and group performance, listening skills, and literary analysis. At the completion of the course students are required to sit for the Latin SL Exam.

FINE ARTS

Art 1 **350103CW** **1 unit**

This entry-level, survey-style course provides students with: foundational knowledge of various art forms; basic art concepts, terminology and techniques; tools and materials; cultural literacy; art history; and art career information. Hands-on learning activities are undertaken in drawing, printmaking, painting, ceramics and sculpture. Class critiques, written tests and written reports are required.

Art 2 **350206CW**

Prerequisite: Art 1 **1 unit**

This advanced studio art course addresses a variety of drawing, printmaking and painting techniques in a variety of art styles and media. It also introduces advanced color theory and some cultural literacy, art history and career information. Students develop a portfolio and complete weekly sketchbook assignments. They also must participate in class critiques, take written tests, give reports and participate in select competitive exhibits.

Art 3 Honors **350305HW**

Grades 10-12 **1 unit**

Prerequisite: Art 2

In this advanced studio art course, students produce creative, sophisticated and well-crafted artwork in up to two of the following 2-D art forms: drawing, printmaking, painting, photography and/or graphic design (computer-generated imagery). Art projects are based on a thematic approach. Written student-teacher contracts with individualized guidelines and requirements are done for each project. Course requirements include a weekly sketchbook/journal, sketches for all contracted work, individual critiques, written reports, a portfolio, participation in competitive exhibits and an end-of course show.

Art: 3-D Design 2 **350600CW**

Grades 10–12 **1 unit**

Prerequisite: Art 1

This advanced studio art course builds upon students' basic knowledge of ceramics and sculpture, and includes some cultural literacy, art history and career information. It begins with pottery production (advanced hand building and throwing on the potter's wheel), with the second half of the term covering advanced 3-D design. In ceramics, students acquire knowledge and skill in glazing, kiln operation, ceramic design and throwing on the wheel. In sculpture, students execute artwork in all sculpture techniques, a variety of art styles and in a variety of media. Students must also participate in class critiques, take written tests, give reports and participate in select competitive exhibits.

Art: 3-D Design 3 Honors **350700HW**

Grades 11, 12 **1 unit**

Prerequisite: 3-D Design 2

In this studio art course, students produce creative, sophisticated and well-crafted artwork in the following 3-D art forms: ceramics (hand-built and/or wheel-thrown pottery) and/or sculpture. Art projects are based on a thematic approach. Written student-teacher contracts with individualized guidelines and requirements are done for each project. Course requirements include a weekly sketchbook/ journal, sketches for all contracted work, individual critiques, written reports, a portfolio, participation in both competitive exhibits and an end-of course show.

Media Arts **351500CW**

Grades 10–12 **1 unit**

Prerequisite: Art 1

Media Arts is a technology based art class. Students use Adobe Photoshop and other media formats for art production while integrating the elements of art and principles of design. Possible topics include filmmaking, digital painting and photography. The course curriculum focuses on art/media production, art history, aesthetics, criticism and introductory study of media literacy.

Photography 1 **456600CW**

Grades 10–12 **1 unit**

Prerequisite: Art 1

This studio art course focuses on basic black-and-white still photography techniques. The proper use of a variety of cameras and use of equipment is addressed. Topics include a survey of photographic history, composition and technical skills, darkroom and computer lab production, research, cultural literacy, presentation of artwork and career opportunities.

Photography 2 **456700CW**

Grades 10–12 **1 unit**

Prerequisite: Photography 1

This studio art course focuses on advanced use of photography along with a more thorough exploration of photography history and various types of photography production. There is a continued focus on sketchbook journals, research, cultural literacy and the presentation of artwork. The course also covers the history of film and its relation to photography.

AP Studio Art (Drawing) 357200AW, AP Studio Art (2D Design) 357400AW, AP Studio Art (3D Design) 357500AW

Grades 11, 12 **1 unit**

Requirement: Art 2 or 3-D Design 2 or Photography 2 and completion of portfolio review process

AP Studio Art Exam, Art 4 Honors linked course, summer reading/assignment

This course requires students to produce a portfolio — either drawing, 2-D Design or 3-D Design— for evaluation. The portfolio is to be prepared and submitted in accordance with specifications required by the College Board. Each portfolio contains three sections: Quality (for which five actual works of art are submitted); Concentration (an in-depth, individual project of up to 12 slides); and Breadth (12 slides that demonstrate a wide range of experience). The course meets the

objective of a general art course at the college level. The College Board determines the syllabus for the course; therefore, the content of the course may not be adjusted.

**This course is linked to Art 4 Honors:

Art 4 Honors **350401HW** **1 unit**

Prerequisite: This studio art course is designed for advanced visual arts students.

Students are challenged to produce creative, sophisticated and well-crafted artwork of the quality required in the Breadth Section of an AP portfolio. Art projects are based on a thematic approach. Individualized student/ teacher contracts are done for each assignment. Course requirements include a weekly sketchbook/journal, sketches for all contracted work, individual and class critiques, written reports, a portfolio and participation in competitive exhibits.

Band 1 Fall **353100CW** **1 unit**

Prerequisite: Audition

Required: Marching Band Participation

This course is a performance-oriented program, which includes marching band, concert band and various ensembles. Students must participate in band practices and performances after school. MUST ALSO ENROLL IN BAND 1 SPRING

Band 1 Spring **353101CW** **1 unit**

Prerequisite: Audition

Required: Marching Band Participation

This course is a performance-oriented program, which includes marching band, concert band and various ensembles. Students must participate in band practices and performances after school. MUST ALSO ENROLL IN BAND 1 FALL

Band 2 Fall **353200CW**

Prerequisite: Audition **1 unit**

This course is a performance-oriented program, which includes marching band, concert band and various ensembles. Students perform complex musical selections, perform in competitive events and must participate in band practices and performances after school. MUST ALSO ENROLL IN BAND 2 SPRING

Band 2 Spring **353201CW**

Prerequisite: Audition **1 unit**

This course is a performance-oriented program, which includes marching band, concert band and various ensembles. Students perform complex musical selections, perform in competitive events and must participate in band practices and performances after school. MUST ALSO ENROLL IN BAND 2 FALL

Band 3 Honors Fall **353300HW**

Prerequisite: Audition at advanced level **1 unit**

This course is a performance-oriented program, which includes marching band, concert band and various ensembles. Students perform more complex musical selections and perform in competitive events. Band practices and performances after school are required. MUST ALSO ENROLL IN BAND 3 HONORS SPRING

Band 3 Honors Spring **353301HW**

Prerequisite: Audition at advanced level **1 unit**

This course is a performance-oriented program, which includes marching band, concert band and various ensembles. Students perform more complex musical selections and perform in competitive events. Band practices and performances after school are required. MUST ALSO ENROLL IN BAND 3 HONORS FALL

Band 4 Honors (Percussion) **353400HW**

Prerequisite: Audition at advanced level **1 unit**

This course is a performance-oriented program, which includes marching band, concert band and various ensembles. Students perform advanced, complex musical selections and perform in competitive events. Band practice and performances after school are required.

Percussion **458300CW** **1 unit**

This course is for percussion students who have successfully passed eighth grade band classes and the spring high school band audition. The course drills basic fundamentals of major percussion instruments. It allows for work on percussion ensembles as well as music for symphonic and concert bands. After-school rehearsals and performances are required.

Band - Flags 1 459951CW, Band - Flags 2 459952CW, Band - Flags 3 459953CW, Band - Flags 4 459954CW

Prerequisite: Audition **1 unit**

Jazz Band 1 **453100CW** **1 unit**

This course is a set instrumentation of alto sax, tenor sax, baritone sax, trumpets, trombones, piano, guitar, bass, drums, and one or two vocalists (piano, bass and guitar players must be able to read music and chord symbols). Students study jazz styles and improvisation and rehearse music for performances. After-school rehearsals and performances are required.

Jazz Band 2 **453200HW**

Prerequisite: Jazz Band 1 **1 unit**

This course is a set instrumentation of alto sax, tenor sax, baritone sax, trumpets, trombones, piano, guitar, bass, drums and one or two vocalists (piano, bass and guitar players must be able to read music and chord symbols and perform complex musical selections.) Students participate in a continued study of jazz styles and improvisation and rehearse music for performances. After-school rehearsals and performances are required.

Jazz Band 3 Honors **453300HW**

Prerequisite: Audition at advanced level **1 unit**

This course is a set instrumentation of alto sax, tenor sax, baritone sax, trumpets, trombones, piano, guitar, bass, drums, and one or two vocalists (piano, bass and guitar players must be able to read music and chord symbols at an advanced level and perform more complex musical selections). Students study jazz styles and improvisation, and rehearse music for performances. After-school rehearsals and performances are required.

Orchestra 1 **355100CW**

Prerequisite: Audition **1 unit**

This course is a performance-oriented program concentrating on complex string repertoire. Students participate in Concert Performance Assessment, Solo and Ensemble, and may perform in competitive events. Rehearsals and performances after school are required. MUST ALSO ENROLL IN ORCHESTRA 1 SPRING

Orchestra 1 Spring **355101CW**

Prerequisite: Audition **1 unit**

This course is a performance-oriented program concentrating on complex string repertoire. Students participate in Concert Performance Assessment, Solo and Ensemble, and may perform in competitive events. Rehearsals and performances after school are required. MUST ALSO ENROLL IN ORCHESTRA 1

Orchestra 2 **355201CW** **1 unit**

Prerequisite: Orchestra 1 and audition.

This course is a performance-oriented program concentrating on complex string repertoire. Students participate in Concert Performance Assessment, Solo and Ensemble Festival, and may perform in competitive events. Rehearsals and performances after school are required. MUST ALSO ENROLL IN ORCHESTRA 2 SPRING

Orchestra 2 Spring **355102CW** **1 unit**

Prerequisite: Orchestra 1 and audition.

This course is a performance-oriented program concentrating on complex string repertoire. Students participate in Concert Performance Assessment, Solo and Ensemble Festival, and may perform in competitive events. Rehearsals and performances after school are required. MUST ALSO ENROLL IN ORCHESTRA 2

Orchestra 3 Honors **355303HW** **1 unit**

Prerequisite: Orchestra 2 or audition at advanced level

This course is a performance-oriented program concentrating on complex and advanced string repertoire. Students participate in Concert Performance Assessment, Solo and Ensemble Festival, SCMEA Region Orchestra Auditions and may perform in competitive events. Rehearsals and performances after school are required. MUST ALSO ENROLL IN ORCHESTRA 3 HONORS SPRING

Orchestra 3 Honors Spring **355301HW** **1 unit**

Prerequisite: Orchestra 2 or audition at advanced level

This course is a performance-oriented program concentrating on complex and advanced string repertoire. Students participate in Concert Performance Assessment, Solo and Ensemble Festival, SCMEA Region Orchestra Auditions and may perform in competitive events. Rehearsals and performances after school are required. MUST ALSO ENROLL IN ORCHESTRA 3 HONORS

Piano 1 **454100CW** **1 unit**

This course is for any student who wants to learn or improve piano keyboard skills. Students do not need any prior experience. Because instruction is individualized, students may range from beginners to advanced levels of skill. It is not required that students have access to a keyboard outside of class. Students who have previously taken this class may repeat it to gain increased skills.

Piano 2 **454200CW** **1 unit**

Prerequisite: Piano 1

This course is for students who desire serious study of the piano and wish to improve musical and technical skills. Because instruction is individualized, students may range from intermediate to advanced levels of skill. Students must have access to a keyboard outside of class. Students who have previously taken this class may repeat it to gain increased skills.

Chorus 1 (Chorale first semester) **354103CW** **1 unit**

Required: MUST ALSO ENROLL IN CHORUS 2

This performance-oriented course is for beginning choral students. 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 concerts and performances. After-school rehearsals may be required as necessary.

> Chorale is a beginning/emerging-level choir of students who are new to singing in a choir and/or Lexington High School. Most freshmen will be placed in this choir. Emphasis is placed more on acquiring music literacy [reading music] and vocal technique skills.

Chorus 2 (Chorale second semester) **354204CW** **1 unit**

Required: MUST ALSO ENROLL IN 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. Students are required to perform in all concerts and performances. After-school rehearsals may be required as necessary.

Chorale is a beginning/emerging-level choir of students who are new to singing in a choir and/or Lexington High School. Most freshmen will be placed in this choir. Emphasis is placed more on acquiring music literacy [reading music] and vocal technique skills.

Chorus 3 Honors (Concert Choir) 354302HW 1 unit

Prerequisite: Chorus 1, 2 or audition at advanced level

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 experience a higher level of training that is appropriate for a variety of larger ensemble choral repertoire. Students are required to perform in all concerts and performances. After-school rehearsals may be required as necessary.

Concert Choir is an intermediate-level choir of students who audition for but are not accepted into Chorus 5 HN. Emphasis is placed more on gaining skills to enable students to eventually be accepted into Chorus 4 HN (see below). Such skills include music literacy [reading music] and vocal technique.

Chorus 4 Honors (A Cappella "Lexingtones" first semester) 354400HW 1 unit

Prerequisite: Audition at advanced level

Required: MUST ALSO ENROLL IN CHORUS 6

This performance-oriented course is designed for choral students who demonstrate vocal skill, knowledge, and musical independence. Students experience a high 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 concerts and performances. After-school rehearsals may be required as necessary.

Contemporary a cappella includes many vocal groups and bands who add vocal percussion or beatboxing to create a pop/rock/gospel sound, in some cases very similar to bands with instruments. It requires a very minimal amount of choreography, more in the form of different stage formations.

Chorus 5 Honors (Golden Blues) 354500HW 1 unit

Prerequisite: Audition at advanced level (vocal and choreographed dance)

Required: MUST ALSO ENROLL IN CHORUS 5 (SPRING)

This performance-oriented course is designed for the most advanced choral musicians and dancers. Students are expected to demonstrate a high level of vocal and dance skills daily through popular culture music from various decades. This ensemble features full choreography and vocal scores. Four concerts, community performances, competitions, after-school rehearsals, and all performances are required.

Chorus 5 Honors (Golden Blues) 354501HW 1 unit

Prerequisite: Audition at advanced level (vocal and choreographed dance)

Required: MUST ALSO ENROLL IN CHORUS 5

This performance-oriented course is designed for the most advanced choral musicians and dancers. Students are expected to demonstrate a high level of vocal and dance skills daily through popular culture music from various decades. This ensemble features full choreography and vocal scores. Four concerts, community performances, competitions, after-school rehearsals, and all performances are required.

Chorus 6 Honors (A Cappella "Lexingtones" second semester) 354600HW 1 unit

Prerequisite: Audition at advanced level

Required: MUST ALSO ENROLL IN CHORUS 4

This performance-oriented course is designed for the most advanced choral students. Students perform a variety of chamber choir music and other challenging repertoire appropriate for a select and auditioned ensemble as well as learn to sight-sing. Students must perform at a high level of vocal skill and demonstrate musical literacy daily. Students are required to perform in all concerns, community and school performances, competitions and after-school rehearsals.

Contemporary a cappella includes many vocal groups and bands who add vocal percussion or beatboxing to create a pop/rock/gospel sound, in some cases very similar to bands with instruments. It requires a very minimal amount of choreography, more in the form of different stage formations.erent stage formations.

Musical Theatre **459910CW** **1 unit**

Required: Audition may be required.

This course focuses on musical theatre production. During the course, students become familiar with the history of musical theatre. This performance-oriented class incorporates movement and vocal work. During this course, students audition for and perform in musical productions to be presented to the school and/or the public.

Theatre 1 **452102CW** **1 unit**

This course explores every area of theater including theater history and styles, acting techniques, voice projection, improvisation, set design and costumes. The course concludes with a class production that allows every student the opportunity to apply the skills and knowledge obtained throughout the course.

Theatre 2 **452202CW**

Grades 10–12 **1 unit**

Prerequisite: Theatre 1, Musical Theatre, or audition.

This course focuses on the techniques, aspects and theories of acting through various activities including mime, pantomime, improvisation, script analysis, monologues and auditions. The course concludes with a class production allowing every student the opportunity to perform on stage.

Theatre 3 Honors **452302HW**

Grades 10–12 **1 unit**

Prerequisite: Audition at advanced level

This course is an in-depth study of all aspects of a production from business manager to actor to technician. Students analyze written scripts for emotional, sensory and motivational information in order to perform effectively. Students apply all learned theater skills to student-produced works. As a culminating experience, students select or create an original play and carry it through to production. After-school rehearsals are required.

Theatre 4 Honors **452402HW**

Grades 10–12 **1 unit**

Prerequisite: Audition at advanced level.

This course is an in-depth study of all aspects of a production from conception to performance. Students analyze written scripts for emotional, sensory and motivational information in order to perform effectively. Students apply all learned theater skills to student-produced works. As a culminating experience, students select or create an original play and carry it through to production. After-school rehearsals may be required. Some after school commitments may be required

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Dance 1 **450101CW** **1 unit**

This introductory level course is designed to expose beginner level students to the well-rounded art of dancing. It is the foundation course for the dance curriculum and does not require previous dance experience. This class focuses on basic modern, ballet, social dance, jazz and hip-hop dance techniques. Students are introduced to the introductory dance vocabulary and the history of dance.

Dance 2 **450201CW** **1 unit**

Prerequisite: Dance 1

Recommended: Studio dance experience

This course focuses on intermediate modern, ballet, jazz and hip-hop technique. Students enhance their knowledge of dance vocabulary and history. In addition, students explore choreography and participate in short choreography exercises and/or projects.

Dance 3 Honors (Advanced Technique and Choreography Development) 450300HW 1 unit

Prerequisite: Dance 2 or audition at advanced level

Recommended: Studio dance experience

This advanced level course is designed to deepen the understanding and accuracy of performing various styles of dance technique. The course focuses on the advanced knowledge and understanding of modern, ballet, jazz, and hip-hop technique. Students investigate the choreography process and construct their own choreography throughout the year. Students continue to increase their knowledge of dance vocabulary and history of each style of dance. Students participate in various performances throughout the year. Specific attire is required for this course.

Dance 4 Honors 450400HW

Grades 11, 12 1 unit

Prerequisite: Dance 3 or audition at advanced level

This course is a continuation of Dance 3 to further the exploration and development of dance. The class focuses on modern, ballet, jazz and hip-hop on a pre-professional level of expertise training. Students in this course choreograph several pieces for the concerts as an encapsulation project for the conclusion of the dance program. Students continue to increase their knowledge of dance vocabulary and history of each style of dance. Students participate in various performances throughout the year. Specific attire and shoes are required for this course.

Hip Hop Dance 45991CW 1 unit

This course will focus on foundations and origins of hip-hop dance and street dance culture, and the journey to today's current definitions of hip hop and freestyle dance. The class will be explored primarily through movement participation by the students with dance instruction, drills and routines demonstrated by the teacher, plus related video/YouTube assignments, and/or guest artists. Students will be challenged and encouraged to understand and apply historical and practical knowledge of hip-hop. Materials/Special Equipment Required

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Fine Arts- Dual Enrollment through USC Sumter

Dual enrollment courses provide an avenue through which highly-talented high school youth can earn college credit while simultaneously meeting high school graduation requirements. Students typically take two college-level courses per semester (6 credit hours), taught by an approved USC Sumter professor. The professor designs the course including the syllabus and all major assessments and the course is the equivalent of those taught at the USC Sumter campus.

In this arrangement, when the student successfully completes the course, USC Sumter posts the earned credit to the college transcript and the high school posts the earned credit to the student's high school transcript. **If you decide to enroll in a course for dual credit, please be aware that you are establishing a permanent college transcript so your success is very important.**

Dual enrollment courses count toward the grade point average (GPA) and hours earned (and attempted) for a student's first year in college which can affect eligibility for financial aid programs in subsequent years in college.

Music 110- Introduction to Music 458700EW 1 unit

Required: 3.0+ GPA AND ACT score of 19 OR SAT/PSAT score of 900

Perceptive listening and appreciation of musical elements, forms and style periods, including composers' lives, individual styles and representative works. Emphasis on classical music; jazz and American popular music included.

Fine Arts- IB Certificate

****NEW FOR 20-21**** Not all students choose to take the full International Baccalaureate Diploma Programme course load leading to a diploma. This year, students can take individual IB classes and earn a certificate of completion for each class (with a score of 4 or higher on the examination).

Lexington High School will offer certificates in: Language-B SL courses (French, German, Spanish), Language-B Classical Language SL course (Latin), SL Psychology, SL Economics, and SL Art. Students must choose one Language-B course and one additional course (SL Psychology, SL Economics, SL Art) and commit to two years (A/B schedule) in order to be eligible to earn the certificates.

Visual Arts, HL **HL-1 351C00IW (Grade 11)** **HL-2 351D00IW (Grade 12)**

Grades: 11, 12 (Semesters: 4) **2 units**

Prerequisite: Honors 2-D Design/3-D Design

In addition to the general information provided above, candidates assemble a summative portfolio with a minimum of thirty (30) quality artworks and complete a minimum of eight (8) journals reflecting their exploration and endeavors throughout the Diploma Programme journey. Two- dimensional artworks are matted while three-dimensional artworks are presented on pedestals and in cases for external evaluation of merit.

PHYSICAL EDUCATION AND JROTC

Physical Education 1 **344100CW** **1 PE credit**

This course satisfies the graduation requirement for physical education and emphasizes personal fitness and lifetime activities. Students evaluate their present fitness level through assessment procedures learned in class and use this data to develop a personal fitness program. Through their personal fitness program and class fitness activities, students work toward meeting current health-fitness standards.

Physical Education 2 **344200CW**

Grades 10–12 **1 elective credit**

Prerequisite: Physical Education 1 or JROTC I

This course focuses on personal fitness, higher skill development, and lifetime physical activity. It is designed for motivated students who want to improve their physical fitness in areas including muscular strength and endurance, cardiovascular fitness, and flexibility, as well as engage in various types of sports and skill training. *Student athletes should sign up for Physical Education 3 and 4 when available.*

Unified PE **344201CW** **1 elective credit**

Grades 10–12

Prerequisite: Physical Education 1 or JROTC I

Required: Application

This course may not be used in lieu of Physical Education 1 to satisfy the graduation requirement. This course is a training course for Special Olympics, focusing on partnering general education students with students participating in Special Olympics in an effort to prepare for competition. An application is required and may be picked up in the School Counseling and Advisement Office.

Physical Fitness and Weight Training 1 **349900CW**

Grades 10–12 **1 elective credit**

Prerequisite: Physical Education 1 or JROTC I

This course is designed for motivated students who want to improve their personal fitness. *Student athletes should sign up for Physical Education 3 and 4 when available.* Physical training (weight training and conditioning) is the focus of the class with emphasis on the proper development of weight- training techniques and improving the students' physical fitness (cardiovascular fitness, muscular endurance, muscular strength, flexibility and body composition). Assessment is based on participation, student improvement, and knowledge of technique and safety.

Team PE Classes- Physical Education 3, Physical Education 4 **1 elective credit per class**

Prerequisite: Student Athletes; Physical Education 1 or JROTC I

This course is designed to provide highly motivated student- athletes with more intensive sports specific training. The class resembles Physical Fitness and Weight Training 1 but offers instruction at a more advanced level. Assessment is based on participation, student-athlete improvement, and knowledge of technique and safety.

Classes and course numbers are as follows:

Fall			Spring	
PE3 Wrestling Fall	344301CW		PE4 Wrestling Spring	344401CW
PE3 Team Fall	344302CW		PE4 Team Spring	344402CW
PE3 Baseball Fall	344303CW		PE4 Baseball Spring	344403CW
PE3 Men's Soccer Fall	344304CW		PE4 Men's Soccer Spring	344404CW
PE3 Men's Lacrosse Fall	344305CW		PE4 Men's Lacrosse Spring	344405CW
PE3 Women's Lacrosse Fall	344306CW		PE4 Women's Lacrosse Spring	344406CW
PE3 Volleyball Fall	344307CW		PE4 Volleyball Spring	344407CW
PE3 Women's Soccer Fall	344308CW		PE4 Women's Soccer Spring	344408CW
PE3 Softball Fall	344309CW		PE4 Softball Spring	344409CW
PE3 Womens BBall Fall	344310CW		PE4 Womens BBall Spring	344410CW
PE3 Mens BBall Fall	344311CW		PE4 Mens BBall Spring	344411CW
PE3 V Football Fall	344312CW		PE4 V Football Spring	344412CW
PE3 JV Football Fall	344313CW		PE4 JV Football Spring	344413CW

For Your Information...

Marching Band with Physical Education 1 **1 PE Credit**

Students who participate in Marching Band can choose to also enroll in this course in order to earn the graduation requirement credit for Physical Education. Students will complete activities and assignments that meet the Physical Education 1 standards and indicators. Students will be tested for fitness level at the beginning and end of the course as required by the Student Health and Fitness Act. **Students cannot request this course- the band directors place marching band students onto this roster.**

JROTC

Aerospace Science (JROTC) **375100CW** **1 unit each semester**

Prerequisite: All AFJROTC students must be enrolled voluntarily and participate in the full program to include taking AFJROTC academic courses, participate in the cadet corps, and wear the prescribed uniform.

JROTC is a citizenship and leadership program designed to foster interest in community service, increased personal responsibility, and developing moral character. Students participate in hands-on extracurricular activities and field trips to build experience with life skills, increase knowledge in STEM areas of study, develop organizational leadership skills, and embrace physical and mental wellness.

Uniform wear is prescribed for one school day per week, and all uniform items are issued at no expense to the student. Parental consent for physical fitness activities and field trips is required. ANY student interested in AFJROTC will be given a chance to participate in the program regardless of any perceived limitations including medical, physical, academic, or otherwise. We are an inclusive program designed to connect students to the community & develop a sense of servant leadership. JROTC meets the Physical Education graduation requirement, and can be taken for multiple terms as an elective

ELECTIVES TAUGHT AT LHS

Creative Writing **303200CW**
Grades 10–12 **1 academic elective credit**

This course is for students who desire additional writing instruction before attempting college English courses. Many composition assignments are the same as those required in major college freshman English programs. The course emphasizes all phases of the writing process. Related topics range from the use of computers in writing to the preparation of students' creative writing for publication.

World Mythology **309913CW**
Grades 10–12 **1 academic elective credit**

This course extends current knowledge of world mythology to include Greek/Roman, Norse, Middle Eastern, Native American and Far Eastern. The course includes an exploration of modern mythology, including urban legends. Students also explore the current uses of mythology in film and media. Course requirements involve reading, class discussion and writing (expository and creative).

Speech 1 **304000CW** **1 academic elective credit**

This course focuses on a variety of communication activities including specialized writing, oratory and motivational expression. Debate is a possible component of this class.

Journalism Introduction **305000CW** **1 academic elective credit**

Recommended: Grade of 80 or better in previous English course

This course is designed to provide initial exposure to newspaper, yearbook and broadcasting production skills as well as to journalistic theory and history. The course teaches basic skills needed for writing news, features, editorials and sports stories. Emphasis is placed on sound journalistic principles. The course focuses on journalistic writing skills and information-gathering techniques, and introduces students to concepts of design and photojournalism.

Broadcasting Production **309929CW** **1 academic elective credit**

Required: Interview and application

Recommended: Grade of 80 or better in Journalism Introduction and English class.

Broadcasting Production explores the contemporary world of digital video and television production. Students learn basic editing skills, on-screen presence, speaking, writing and script editing. They also gain experience with industry standard video editing software in an up-to-date editing program. Students work in collaborative groups to produce video segments using a variety of cameras, while learning the basics of studio and field production, lighting and sound. Classes produce a daily news program along with a weekly show.

Broadcasting Prod. 2–8 309932CW, 309933CW, 309934CW, 309935CW, 309936CW, 309937CW, 309938CW

Required: Application

Prerequisite: Broadcasting Production **1 academic elective credit**

Broadcasting 2 is a course that builds on the skills learned in Broadcasting 1. Students learn more advanced editing skills and create specialized projects for sports teams, school initiatives and teachers. Students in Broadcasting Production 3-8 self-direct their own learning of advanced editing skills, on screen presence, speaking, writing and script editing using professional equipment.

Yearbook Production **305401CW** **1 academic elective credit**

Required: Application

Recommended: Grade of 80 or better in Journalism Introduction and English class

******Yearbook students MUST request 2 Yearbook Courses per year.**

After having been accepted through the real-world portfolio and interview process, students learn the basics of reporting, caption and story writing, AP style copy, photography and using a publishing program to fill out pre-designed templates made by the editors.

Yearbook Production 2 **305600CW** **1 academic elective credit**

Required: Application

******Yearbook students MUST request 2 Yearbook Courses per year.**

Students are mentored to learn the basics of design, how to create a spread from scratch and the basics of Photoshop. Students are mentored in business ad sales and getting interviewed for a job. They job shadow to learn editor duties. Students are able to apply for their first editing position by completing the application process.

Yearbook Production 3 HN: (Intro to Yearbook Editing) **309943HW**

Grades 10-12 **1 academic elective credit**

Required: Application

******Yearbook students MUST request 2 Yearbook Courses per year.**

Students complete tasks required of production students while managing beginner editing positions. Editors learn journalism ethics and law and are responsible for upholding copyright laws. They learn the basics of mentoring and providing professional feedback. Editors are expected to submit work for state judging at SCSPA.

Yearbook Production 4 HN: (Assistant Editing) **309944HW**

Grades 10-12 **1 academic elective credit**

Required: Application

******Yearbook students MUST request 2 Yearbook Courses per year.**

Students are responsible for designing senior ads and business ads for paying clients. Students may apply for a Lead Editor Position at the end of the course. Editors attend professional development through SCSPA, SIPA or JEA conferences. Editors are expected to submit work for state judging at SCSPA.

Yearbook Production 5 HN: (Intro to Lead Editing) **309945HW**

Grades 11-12 **1 academic elective credit**

Required: Application

******Yearbook students MUST request 2 Yearbook Courses per year.**

Students teach lessons on design, photography, reporting, and copy in AP style and theme. They check spreads for AP style, design and photography rules. Lead Editors are in charge of senior ads and business ads, sales and oversee all copy, design and production. They assign spreads, are in charge of assigning mentors, deal with finances/budget, and are the point of contact with all professionals at the production plant, school and community.

Yearbook Production 6 HN: (Lead Editing) **309946HW**

Grades 11-12 **1 academic elective credit**

Required: Application

******Yearbook students MUST request 2 Yearbook Courses per year.**

Lead Editors continue the work of course 5. Once the book is completed, they are in charge of the creation of the new book and theme. They create all the templates and modules for the new book, teach Photoshop and start assigning spreads. Lead Editors and Editor-in-Chief submit the yearbook publication for state and national judging competitions.

Yearbook Production 7 HN: (Editors-in Chief) **309947HW**

Grade 12 **1 academic elective credit**

Required: Application

******Yearbook students MUST request 2 Yearbook Courses per year.**

The publication's editorial leaders have final responsibility for all operations and policies. They create and set deadlines for all other editors and staffers. They meet with the professional designers, publishers, and other necessary professionals along with adviser to plan business ad sales and budget all of the yearbook's major decisions. Editors-in Chief are in charge of proofs and submission and contact the publisher when there are any concerns.

Yearbook Production 8 HN: (Editors-in Chief) **309948HW**

Grade 12 **1 academic elective credit**

Required: Application

******Yearbook students MUST request 2 Yearbook Courses per year.**

The publication's editorial leaders have final responsibility for all operations and policies. They create and set deadlines for all other editors and staffers. They meet with the professional designer, publishers, and other necessary professionals along with adviser to plan business and sales and budget all of the yearbook's major decisions. Editors-in Chief are in charge of proofs and submission and contact the publisher when there are any concerns.

Holocaust and Genocide Studies **339920CW**

Grades 10–12 **1 academic elective credit**

This course explores genocide in the 20th century. The study of the Holocaust focuses on the state-sponsored, systematic persecution and annihilation of the European Jewry by Nazi Germany and its collaborators. Students study the persecution and murder of Roma/Sinti, the handicapped, Poles, and political dissidents. The in-depth study of the Holocaust is the foundation for studying other genocide events of the 20th century to include the former Soviet Union, Bangladesh, Indonesia, East Timor, Cambodia, former Yugoslavia and Rwanda. There is a culminating project created by the students that explores intolerance issues in the United States, creation of international justice after genocide events, or current genocidal events in other areas of the world. Emphasis is placed on the use of analytical and interpretive skills so that students are able to evaluate and defend positions on issues of intolerance with sound reasoning and evidence. This course is not designated as a social studies elective credit.

Leadership for the 21st Century **379905CH**

Grade 9 **.5 elective credit**

Requirement: Personal Health and Wellness linked course

This district-required course for ninth grade students (no longer required for all freshman - RBHS, GHS, PHS) is designed to foster growth and assessment of leadership potential and skills. The course focuses on qualities, laws, practices, and commitments of leaders; presentation skills; financial management, digital and media literacy and career exploration. This course is viewed as essential in establishing the foundation for success in every high school student and in promoting self-direction, problem-solving, self-actualization, reflection and collaboration. Lessons are interactive, integrated, standards-based, and reflect high expectations.

Personal Health and Wellness **340201CH**

Grade 9 **.5 elective credit**

Requirement: Leadership for the 21st Century linked course

Personal Health and Wellness is designed to help students develop the knowledge, attitudes, and skills to promote wellness, maintain health, and prevent disease. Instructional topics include injury prevention and safety; growth, development and sexual health and responsibility; alcohol, tobacco and other drugs; mental and emotional, personal and community health;

and nutritional health. This district- required course includes instruction that complies with the requirement in the Comprehensive Health Education Act of 1988 for high school students.

ACT/SAT Prep Math **415001CH**

Grades 10–12 **.5 elective credit**

This course is designed for students planning to take the SAT or ACT. The course includes familiarization with the content of the tests and test-taking procedures. Information about typical questions is presented. Students review the application of algebra and geometry problem solving. The course also includes a focus on the appropriate use of calculators during the tests.

ACT/SAT Prep Verbal **401101CH**

Grades 10–12 **.5 elective credit**

This course is for students planning to take the SAT or ACT. It covers test content, test-taking procedures and information about typical questions. Students focus on specific areas of reading comprehension, words in context and vocabulary development.

Students in Action 1 **379918CW**

Grades 10-12 **1 elective credit**

Required: Application

Students will learn effective leadership, communication, and presentation skills. In addition, they will research, organize data, track service throughout the school, and complete a variety of service projects in the school and community. Application and recommendation is required.

Teacher Cadet **373500EW**

Grades 12, 11 **1 academic elective credit**

Requirement: Students must meet the following state requirements: an overall grade point average of 3.0 on a 4.0 scale (not Uniform Grading Scale) in a College Prep program of studies, a high class rank, five teacher recommendations, and a written essay.

This course is for four-year college bound students and students who plan to begin post-secondary education at a two- year institution and transfer to a four-year college. Emphasis is placed on analytical and interpretive skills. The course content focuses on introducing the profession of education and looks at all facets of education, K-12. Applicants are screened according to the admission criteria. Note: Since Teacher Cadet is a dual credit course, students may be required to pay a college registration fee which is not refundable if the course is dropped.

Teacher Cadet 2 **881700EW**

Grades 12, 11 **1 academic elective credit**

Prerequisite: Teacher Cadet

Requirement: Students must meet the following state requirements: an overall grade point average of 3.0 on a 4.0 scale (not Uniform Grading Scale) in a College Prep program of studies, a high class rank, five teacher recommendations and a written essay.

This course focuses on the dynamics of human learning and the psychological principles that serve as the foundation for educational practice. The general goal is to introduce students to the field of educational psychology and apply the concepts, theoretical principles, and research findings from the discipline of psychology to the planning and implementation of effective instructional strategies in the classroom. Major emphasis is placed on assisting students in gaining a functional knowledge of the ideas explored. This is the follow up course to Teacher Cadet—Experiencing Education. Note: Since Teacher Cadet is a dual credit course, students may be required to pay a college registration fee which is not refundable if the course is dropped.

Family and Consumer Sciences CTE Completer Sequence

Required Courses (two or three of the following- minimum of two):

Child Development I Child Development II Food and Nutrition I Food and Nutrition II

Housing and Interiors I Housing and Interiors

AND if needed, one of the following can serve as third required course:

Culinary Arts Management I Intro to Teaching I Personal Finance

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Child Development 1 **580000CW** **1 unit CTE credit**

Industry Credential Alignment: First Aid/CPR

This course is designed to provide students with information and experiences that give them a sound positive insight into parenting roles and responsibilities. Topics include preparing for effective parenthood, guiding the healthy development of mother and child, and using community resources in the fulfillment of parenting roles and responsibilities.

Child Development 2 **580100CW**

Grades 10–12 **1 unit CTE credit**

Industry Credential Alignment: First Aid/CPR

This course approaches the study of human growth and development from birth through school age. The care and guidance of young children relative to the physical, social, emotional and mental developmental tasks are stressed. Efforts are made to incorporate guided observation and participation with young children and their parents in order to promote confidence in responding to young children. Competencies gained prepare students for parental and career roles involving care and nurturing of children.

Foods and Nutrition 1 **582400CW** **1 unit CTE credit**

This course concentrates on the principles and relationships of nutrition and well-being. Safety and sanitation, food preparation and management, meal planning, food costs and responsible consumer behavior are stressed during guided instruction, independent study and laboratory experiences.

Foods and Nutrition 2 **582501CW**

Grades 10, 11, 12 **1 unit CTE credit**

Prerequisite: Foods and Nutrition 1

This course is a continuation of Foods and Nutrition 1. It provides students with more in-depth knowledge of individual and family health, fitness, and wellness. Responsible consumer behavior, ethnic and multicultural foods, healthy meal planning, selection and preparation, and safety and sanitation are stressed during guided instruction, independent study and laboratory experiences.

Housing and Interiors 1 **583000CW** **1 unit CTE credit**

This course is designed for students who desire knowledge of housing selection in today's market. It covers evaluation and drawing of floor plans, selection and arrangement of furnishings, color schemes, accessories, creative arts and crafts and practical care and maintenance of the home and its furnishings.

Housing and Interiors 2 **583101CW**

Grades 10–12 **1 unit CTE credit**

Prerequisite: Housing and Interiors 1

This is a course in advanced interior study. It involves extensive learning experiences in furnishings and design-related projects. Students are offered expanded career awareness opportunities, and gain a more complete knowledge of housing and interior design basics by participating in mentor and shadowing placements.

<u>Sports Medicine CTE Completer Sequence</u>

Required Courses:

Sports Medicine 1, Sports Medicine 2

AND one of the following additional courses to meet program requirements

Sports Medicine 3 Sports Med work-based credit (Sports Med Clinicals) Medical Terminology

Health Science 1 Health Science 2 Health Science 3 Health Science, work-based credit
Pharmacology for Medical Careers Principles of Biomedical Sciences Human Body Systems

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Sports Medicine 1 **555500CW** **1 unit CTE credit**

Industry Credential Alignment: Sports Nutrition, Sudden Cardiac Arrest, Concussion for Student Athletes, Performance Enhancing Drugs, Sports Psychology, Basic Life Support

This course is an introduction for students interested in career opportunities available as athletic trainers, physical therapists and physicians in the sports medicine field. Students learn basic anatomy and physiology as it relates to principles of conditioning and the treatment of athletic injuries. Instruction also includes CPR/AED, first aid and taping. General principles for the prevention, care and rehabilitation of injuries are emphasized during practicums.

Sports Medicine 2 **555600CW**

Grades 10, 11, 12 **1 unit CTE credit**

Prerequisite: Sports Medicine 1 **Industry Credential Alignment:** OSHA

This course is designed as a continuation of Sports Medicine 1 for students interested in career opportunities available as athletic trainers, physical therapists and physicians in the sports medicine field. Students are instructed in basic body anatomy and physiology as it relates to principles of conditioning and the treatment of athletic injuries. Students study both protective and supportive devices used in prevention and care of athletic injuries.

Sports Medicine 3 **555700CW**

Grades 11, 12 **1 unit CTE credit**

Prerequisite: Per SCDE, Sports Med. 1 & 2 with a grade of 75 or higher plus Basic Life Support (BLS) certification

Recommendation: Complete Medical Terminology, Health Science 3, or Anatomy & Physiology prior to this course

This course 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. Students are expected to participate in clinical situations either at school with their athletic department or in an outside clinical setting for real world experience.

Sports Medicine Clinical (work-based credit) **559100CW**

Grades 11, 12 **1 unit CTE credit**

Prerequisite: Sports Medicine 1 and 2, current CPR/AED certification

This course emphasizes work-based experiences to prepare students for postsecondary education in the field of sports medicine and other allied health fields. The course combines instruction in the school's athletic training facility with the certified athletic trainer(s) and a six-week (60 hours) work-based experience off campus with a sports medicine specialists(s) including but not limited to physicians, athletic trainers, physical therapists, occupational therapists, massage therapists, registered dietician, etc. Students must complete 180 hours of combined instruction. Students are evaluated using the grading criteria established for work-based credit courses.

Cooperative Education

Grades 11–12 **1–6 elective credits**

Cooperative Education is a work-based learning experience related to a career and technology program of study the student has completed. This program coordinates studies with a job in a career related to the student's major. Instruction is completed at the worksite. Students must apply to participate in this program. Applications are available from the career specialist and must be approved prior to student enrollment in the course. Students must furnish their own transportation to the worksite and attend an orientation workshop prior to beginning training at the worksite.

Senior Internship

Grades 12 **1 elective credit**

Senior Internships are structured, work-based experiences which incorporate a strong school-based academic foundation. The major purpose of the internship program is for the intern to receive broad instruction in workplace expectations and employer-identified competencies related to a specific career field. Seniors may earn one elective unit of credit each semester. Students must complete an internship application that must be approved prior to student enrollment in the course. Each student is responsible for arranging his/her internship experience. A student is placed on the job site when all required forms/documentation have been received by the Career Specialist. Students must attend a program orientation prior to beginning training at the worksite. A student may be removed from the internship program for failure to adhere to the guidelines of the Internship Agreement.

Note: Applications for students who are NOT enrolled in Health Science Clinicals will be given priority for the Lexington Medical Center internships.

Youth Apprenticeship

Grades 11 or 12 **1–3 elective credits**

Registered/Youth Apprenticeship is a highly structured year-long educational program for students aged 16 and older. It integrates on-the-job learning within an industry with school- based instruction in a career and technology program. A training agreement must be developed between the employer, the student, and the school district. This agreement bridges high school and post-secondary careers and results in both academic credentials and certified mastery of work skills. For more details and qualifications of the Registered/Youth Apprenticeship program contact the Partnership Office at the District Office or a school career specialist.

CAREER AND TECHNICAL EDUCATION AT LTC

Grade levels are shown in the order in which priority is given to students. Courses that have the star symbol ★ beside them meet the statewide Carnegie unit requirement for computer science.

In addition, a list of industry credentials is listed for courses with curriculum that align to these credentials. Students may have the opportunity to earn these industry credentials as part of their program of study. Note, not all credentials are available at all schools.

Finally, student leadership training is an integral part of the instructional program for career and technology education. Appropriate organizations are available to students in career clusters, including DECA, FBLA, FFA, HOSA, and SkillsUSA.

CTE completer programs require three or four units as indicated. Students who complete the required courses will be recognized as CTE completers upon graduation. Completers who obtain certification are considered *Career-Ready* by the state of South Carolina.

SCHOOL OF ARTS AND HUMANITIES
ARTS, AV TECHNOLOGY & COMMUNICATIONS CLUSTER

Architecture/Mechanical Design CTE Completer Sequence

This program requires FOUR of the following courses:

Mechanical Design 1 — Architectural Design 1
Mechanical Design 2 — Architectural Design 2
Arts, Audio-Video Technology and Communications work-based credit

Digital Art and Design CTE Completer Sequence

Required courses: Digital Art and Design 1, Digital Art and Design 2

Architectural Design 1 (LTC) **617000CW**

Grades 10, 11, 12 **1 unit CTE credit**

Prerequisite: Mechanical Design 1

Architecture is more than just the walls around us. The form and function of the spaces we live and work in are at the heart of how any design comes to life. This course investigates how the structure is designed and built as well as the layout of spaces between the walls. Students gain knowledge to implement their 2D design on paper into a 3D structure in AutoCAD Architecture ®. Building vocabulary and the fundamentals of design are stressed

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Architectural Design 2 (LTC) **617100CW**

Grades 12, 11, 10 **1 unit CTE credit**

Prerequisite: Architectural Design 1

This course is a continuation of the concepts and skills learned in Architectural Design I. Students use the BIM (Building Information Modeling) CAD 3D software program ArchiCAD® and are introduced to Revit Architecture®. Students design residential and commercial structures and produce a full set of construction drawings. Students also research a well-known Architectural landmark and build a model of their choice.

Architectural Design 3 Honors (LTC) **529918HW**

Grades 12, 11 **1 unit CTE credit**

Prerequisite: Architectural Design 2 **Industry Credential Alignment:** SolidWorks Associate

This Center for Advanced STEM Studies elective course gives students the opportunity to practice concepts learned from Architectural 1 & 2 and apply those concepts in class. Students study 'green building', the design process and all necessary disciplines (mechanical, electrical, plumbing, civil, and structural) to construct a building from start to finish. Students work in teams for most projects to design a functional building that could be used in today's society. Field studies are also incorporated.

Digital Art and Design 1 (LTC) **612000CD**

Grades 11, 10, 12 **2 units CTE credit**

This course is designed for students who have an interest in pursuing a career in the graphic design field. The course begins with a basic understanding of design, color theory and typography, then moves on to build electronic design skills in corporate identity, advertising, packaging and other areas. Projects are designed to allow freedom of expression and individual interpretation. These hands-on projects are produced on computers using the latest software. Students also have access to scanners, digital cameras and color laser printers.

Digital Art and Design 2 (LTC) **612100CD**

Grades 12, 11 **2 units CTE credit**

Prerequisite: Digital Art and Design 1

Industry Credential Alignment: Adobe Certified Associate – Photoshop, Illustrator, InDesign

This course is a continuation of Digital Art and Design 1 and includes further study in the graphic field. It also includes portfolio development and presentation, along with a focus on job resumé application and interview. Students may be eligible to participate in cooperative work experiences or apprenticeships, which combine career and technology training with supervised work experience in business and industry.

Mechanical Design 1 (LTC) **617200CW** **1 unit CTE credit**

This course is designed to expand students' knowledge of the skills needed to be involved in an engineering field. This class uses CAD software. Units of study include manual drafting equipment, geometric construction, single-view drawings, multi-view drawings, dimensioning, and isometric and oblique drawings.

Mechanical Design 2 (LTC) **617300CW**

Grades 12, 11, 10 **1 unit CTE credit**

Prerequisite: Mechanical Design **Industry Credential Alignment:** Certified SolidWorks Associate

Learning 3D design is an interactive process whereby ideas become reality. Since students learn best when they explore the practical applications of the concepts they learn, this STEM course has many activities and exercises that enable students to put design concepts into practice. Students create ideas such as artificial heart components, extreme sports equipment, hip replacement parts, robotic arm components, and musical instruments and their parts. Students will be eligible to become a Certified SolidWorks Associate (CSWA).

SCHOOL OF BUSINESS MANAGEMENT & INFORMATION SYSTEMS
BUSINESS MANAGEMENT & ADMINISTRATION CLUSTER

General Management CTE Completer Sequence

Required Courses: Accounting 1, Entrepreneurship

AND

ONE of the following:	**OR**	**TWO of the following:**
Marketing		Business Finance
Social Media in Business		Business Mgmt. and Admin. work-based credit
Fundamentals of Web Page Design		Marketing Management
Integrated Business Applications 1		
Business Law		

Business Law (LTC) **504400CW**

Grades 12, 11, 10 **1 unit CTE credit**

This course provides students with knowledge of the legal environment in which adults live and work, including such areas as contracts, estates, marriage, divorce and consumer protection. Students study true situations that demonstrate how business and personal law impact the lives of young people and adults. Students focus on the legal principles related to constitutional, criminal, civil and administrative laws, as well as the court system.

Image Editing (LTC) **534002CW** **1 unit CTE credit**

Students are instructed in the fundamental features of using digital imaging software in editing and designing both photos and graphics. Students also learn the use of technologies related to digital imaging such as: basic computer operations; file sharing across networks; digital scanning; digital photography; preparing documents for output to various types of high resolution printers, and color calibration. Successful completion of Image Editing helps provide a foundation for continued training as well as complementary training for related coursework.

Integrated Business Applications 1 (LTC) **502000CW** **1 unit CTE credit**

Industry Credential Alignment: Microsoft Office Specialist – Word, Excel, PowerPoint

Be college ready! Achieve nationally recognized certifications! This course provides in-depth instruction in Microsoft Office applications, the industry and college preferred software, and leads to national certifications. Students who want to learn about file management and how to effectively and efficiently use computer software should enroll in this course. Students in a variety of career paths will benefit from understanding and using word processing, spreadsheet, and presentation software. Students will have the opportunity to finish the course with up to three Microsoft Office Specialist certifications that will enhance their college applications and resumes. In Word, students will learn how to create and format documents, including flyers, letters, resumes, proposals, tables, and reports. In Excel, students will learn how to write simple and logical formulas, analyze spreadsheet data, and turn data into easy to read charts. In PowerPoint, students will use advanced features to enhance presentations, such as
adding media. All of these skills will help students successfully complete class work at both the high school and college

levels and be technologically prepared with necessary workplace skills.

Professional and Leadership Development (LTC) **517800CW**

Grades 12, 11, 10 **1 unit CTE credit**

Prerequisite: Must be enrolled in a CTE course or a member of a Career & Technical Student Organization (CTSO-DECA, FFA, HOSA, SkillsUSA)

Students study leadership skills necessary for success in careers through effective communications, problem- solving techniques, and managing resources and meetings. Students develop an understanding of community service as a part of their civic and professional responsibilities.

SCHOOL OF BUSINESS MANAGEMENT & INFORMATION SYSTEMS
FINANCE CLUSTER

Business Finance CTE Completer Sequence

Required Courses: Accounting 1, Business Finance

and ONE of the following:

Marketing	Entrepreneurship	Personal Finance
Integrated Business Applications 1	Business Law	Finance, work-based credit

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Accounting 1 (LTC) **500100CW**

Grades 10, 11, 12 **1 unit CTE credit**

This course helps students develop the skills necessary for the highly technical interaction between accounting and business. Students focus on accounting concepts, principles and practices. They also study procedures used in an accounting cycle as applied to several different kinds of business operations. Use of the computer in simulated activities gives students an opportunity to see the advantages of technology in accounting procedures.

Business Finance (LTC) **527300CW**

Grades 12, 11 **1 unit CTE credit**

Prerequisite: Accounting I

Students in this course receive instruction in the foundations of corporate business finance concepts and applications. Topics include financial fundamentals, the financial environment, management planning, maintenance and analysis of financial records, long and short term financial activities, financial business activities, financial institutions and banking services, consumer credit, business insurance, technology and financial management, and international finance.

Personal Finance (LTC) **513102CW**

Grades 12, 11, 10 **1 unit CTE credit**

Industry Credential Alignment: W!SE Financial Literacy Certification

This course introduces students to financial literacy by solving real-life problems as related to financial matters. Topics include completion of W-4 and tax forms, reconciling bank accounts, budgeting, buying insurance, using credit, and investing in stocks and real estate. The course focuses on setting up accounts, adding transactions to the register, using transaction categories, balancing the checkbook and writing checks. Speakers and current videos are a vital part of the course.

SCHOOL OF BUSINESS MANAGEMENT & INFORMATION SYSTEMS

HOSPITALITY & TOURISM CLUSTER

Culinary Arts Management CTE Completer Sequence

Required Courses: Culinary Arts Management I, Culinary Arts Management II

Culinary Arts Management 1 (LTC) **572000CD**

Grades 11, 10, 12 **2 units CTE credit**

Industry Credential Alignment: ProStart

This course is designed to study the food service industry. It covers all aspects of the industry, potential careers, equipment use, food preparation, food storage, ordering and work simplification. Students receive practical and theoretical experiences to obtain competence in each area.

Culinary Arts Management 2 (LTC) **572100CD**

Grades 12, 11 **2 units CTE credit**

Prerequisite: Culinary Arts 1 **Industry Credential Alignment:** ServSafe, ProStart

This course is the continuation of Culinary Arts 1. The course covers food preparation and the foodservice industry. Students have the opportunity to develop and apply skills in food service. Students in this course are required to purchase a uniform.

SCHOOL OF BUSINESS MANAGEMENT & INFORMATION SYSTEMS
INFORMATION TECHNOLOGY CLUSTER

Networking Systems CTE Completer Sequence

Required Courses: Networking Fundamentals, Advanced Networking

AND

ONE of the following:	**OR**	**TWO of the following:**
Entrepreneurship		Advanced Web Page Design and Development
Fundamentals of Computing		Computer Programming with Java 1
		Computer Programming with Java 2
		Computer Repair and Service
		Cyber Security Fundamentals
		Fundamentals of Web Page Design and Development
		IT Fundamentals
		Information Technology work-based credit

Programming and Software Development CTE Completer Sequence

Required Courses: Computer Programming with Java 1, Computer Programming with Java 2

AND

ONE of the following:	**OR**	**TWO of the following:**
Fundamentals of Computing		Advanced Web Page Design and Development
IT Fundamentals		Cyber Security Fundamentals
		Entrepreneurship
		Fundamentals of Web Page Design and Development
		Game Design and Development

Information Technology work-based credit

Web and Digital Communications CTE Completer Sequence

Required Courses: Fundamentals of Web Page Design and Development, Advanced Web Page Design and Development

AND

ONE of the following:	**OR**	**TWO of the following:**
Cyber Security Fundamentals		Digital Publication Design
Digital Media Marketing		Entrepreneurship
Fundamentals of Computing		Game Design and Development
Image Editing		Integrated Business Applications 1
Social Media Marketing		IT Fundamentals
		Professional and Leadership Development
		Information Technology work-based credit

AP Computer Science Lab Honors (LTC) **477400HW**

Grades 12, 11 **1 unit**

This course is a required link to Advanced Placement Computer Science A and is open only to students enrolled in that course.

AP Computer Science A ★ (LTC) **477100AW**

Grades 12, 11 **1 computer science credit**

Prerequisite: Algebra 2 Honors

Requirement: AP Computer Science A exam, Computer Science Lab Honors linked course

Recommended: Grade of 80 or higher in Algebra 2 HN or a score of 60/600 on the math portion of the PSAT/SAT

Industry Credential Alignment: Microsoft Java Certification

This course of study is designed to emphasize the fundamentals of computer programming. Topics include computer software, program design and development, and practical experience in programming, using modern, object-oriented languages.

This course prepares students for the Advanced Placement Computer Science A Examination. The course meets the objectives of an introductory computer science course at the college level. Students learn how to design and implement solutions to problems by writing, running, and debugging computer programs; using algorithms and data structures to solve problems; and coding with the programming language Java. The College Board determines the course description; therefore, the content of this course must adhere to those requirements. Students taking this course should have access to a computer outside of class for at least three hours per week. Successful completion of this course meets the computer science requirement for graduation.

AP Computer Science Principles Lab Honors (LTC) **477402HW** **1 unit**

This course is a required link to Advanced Placement Computer Science Principles and is open only to students enrolled in that course.

AP Computer Science Principles ★ (LTC) **477500AW** **1 computer science credit**

Prerequisite: Algebra 1

Requirement: AP Computer Science Principles exam, AP Computer Science Lab Honors linked course

Recommended: Grade of 80 or higher in Algebra 1 or completed Fundamentals of Computing

AP Computer Science Principles introduces students to the central ideas of computer science, inviting students to develop computational thinking vital for success across multiple disciplines.

The course is unique in its focus on fostering students to be creative and encouraging students to apply creative processes when developing computational artifacts. Students design and implement innovative solutions using an iterative process similar to what artists, writers, computer scientists, and engineers use to bring ideas to life. This course highlights the relevance of computer science by emphasizing the vital impact advances in computing have on people and society. By focusing the course beyond the study of machines and systems, students also have the opportunity to investigate innovations in other fields that computing has made possible and examine the ethical implications of new computing technologies.

Computer Programming 1 with Java ★ (LTC) **505205CW**

Grades 10, 11, 12 **1 computer science credit**

Prerequisite: Fundamentals of Computing

This course of study is designed to emphasize the fundamentals of computer programming. Topics include computer software, program design and development, and practical experience in programming, using modern, object-oriented languages.

Computer Programming 2 with Java (LTC) **505303CW**

Grades 11, 12 **1 unit CTE credit**

Prerequisite: Computer Programming 1 with Java

The course of study is designed to emphasize the fundamentals of computer programming. Topics include computer software, program design and development, and practical experience in programming, using modern, object-oriented languages.

Computer Repair and Service ★ (LTC) **532000CW**

Grades 10, 11, 12 **1 computer science credit**

Prerequisite: Algebra 1 **Industry Credential Alignment:** CompTIA A+, TestOut PC Pro

This course provides an in-depth study of the physical and logical architecture of a PC. Through hands-on and computer simulated activities, students assemble a computer; install and configure peripheral devices, operating systems and application software; and troubleshoot hardware and software problems. Students also study network principles, configuration and troubleshooting. After completing this course, students should be capable of successfully completing the CompTIA A+ examination series.

Cyber Security Fundamentals ★ (LTC) **537000CW**

Grades 11, 12 **1 computer science credit**

Prerequisite: Networking Fundamentals **Industry Credential Alignment:** CompTIA Security+, TestOut Security Pro

Cyber Security Fundamentals introduces the core concepts and terminology of cybersecurity and information assurance. The course examines how the concept of security integrates into the importance of user involvement, security training, ethics, trust, and best practices management. The fundamental skills cover network security, testing, and validation; compliance and operational security; threats and vulnerabilities; application, data, and host security; access control and identity management; cryptography; and a broad range of other topics.

Fundamentals of Computing ★ (LTC) **502300CW** **1 computer science credit**

This course is designed to introduce students to the breadth of the computer science field through engaging topics such as web design, human computer interactions, and programming. Optional topics include mobile applications, robotics, and digital animation. Students develop critical thinking, logic, and problem solving skills relevant to today's technology. Rather than employing specific software tools or programming languages, Fundamentals of Computing focuses on the conceptual ideas of computing and helps students understand how certain tools or languages may be utilized in problem solving.

Fundamentals of Web Design and Development ★ (LTC) **503101CW**

Grades 10, 11, 12 **1 computer science credit**

Prerequisite: Fundamentals of Computing

This course is designed to provide students with the knowledge and skills needed to design, implement and maintain a website. Students create web pages using HTML, Advanced HTML and a popular web page software. Students develop a plan for posting, publicizing and promoting a website. They also research web-related careers.

Advanced Web Design and Development ★ (LTC) **503300CW**

Grades 11, 10, 12 **1 computer science credit**

Prerequisite: Fundamentals of Web Design and Development

This course focuses on scripting, developing searching strategies, publishing skills, and serving information on a web server. Students develop web pages that incorporate text, audio, video, and graphics using web authoring software, JAVA scripting, XHTML, and CSS. Students determine and employ methods to evaluate the design, functionality, and security of online information in various settings. This course teaches students how to use networks, including the Internet, for research and resource sharing.

Game Design and Development ★ (LTC) **535200CW**

Grades 11, 12 **1 computer science credit**

Prerequisite: Computer Programming 1 with Java

This course presents the major aspects of game design including character and world development, game playing, game genres, and theories and principles of game design. Students design, implement and present meaningful programs through a variety of media. Students identify task requirements, plan search strategies and use programming concepts to access, analyze, and evaluate information needed to design games.

IT Fundamentals ★ (LTC) **502500CW** **1 computer science credit**

Industry Credential Alignment: CompTIA IT Fundamentals

The IT Fundamentals course is designed to prepare students to take the CompTIA IT Fundamentals certification exam. Students receive instruction in safety, communication and leadership skills, PC components, setup of a basic PC workstation, basic software installation, compatibility issues and basic security risks. Units covering Green IT and preventative maintenance are also included.

Networking Fundamentals ★ (LTC) **531001CW**

Grades 10, 11, 12 **1 computer science credit**

Prerequisite: IT Fundamentals or Computer Repair and Service

Industry Credential Alignment: CompTIA Network+, TestOut Network Pro

Networking Fundamentals provides students with classroom, laboratory, and hands-on experience in current and emerging networking technologies. Instruction is based on industry domains including network architecture; network operations; network security; network troubleshooting; industry standards, practices, and network theory; and workplace readiness and leadership skills. In addition, instruction and training are provided for the proper care, maintenance, and use of networking software, tools, and equipment.

Advanced Networking ★ (LTC) **531100CW**

Grades 12, 11 **1 computer science credit**

Prerequisite: Networking Fundamentals **Industry Credential Alignment:** CompTIA Network+, TestOut Network Pro

Advanced Networking provides students with classroom, laboratory, and hands-on experience in current and emerging networking technologies. Instruction is based on industry domains including network architecture; network operations; network security; network troubleshooting; industry standards, practices, and network theory; and workplace readiness and leadership skills. In addition, instruction and training are provided for the proper care, maintenance, and use of networking software, tools, and equipment.

MARKETING CLUSTER

Marketing Analytics CTE Completer Sequence

Required Courses: Marketing, Marketing Analytics (Research)

AND

ONE of the following:	**OR**	**TWO of the following:**
Entrepreneurship		Accounting 1
Social Media in Business		Advertising
Integrated Business Applications		Merchandising
Professional and Leadership Development		Marketing work-based credit

Marketing Communications CTE Completer Sequence

Required Courses: Marketing or Marketing (with a Sports Emphasis), Advertising or Digital Media Marketing

And ONE of the following additional courses to meet program requirements:

Entrepreneurship Advertising Digital Media Marketing Social Media in Business
Web Page Design and Development Image Editing Integrated Business Applications
Marketing work-based credit

Marketing Management CTE Completer Sequence

Required Courses: Marketing, Marketing Management

AND

ONE of the following:	**OR**	**TWO of the following:**
Accounting 1 Entrepreneurship		Advertising Introduction to Hospitality and Tourism
Business Law Business Finance		Integrated Business Applications
Social Media in Business		Marketing work-based credit

Marketing Merchandising CTE Completer Sequence

Required Courses: Marketing **AND** Merchandising

AND

ONE of the following:	**OR**	**TWO of the following:**
Fashion Marketing Entrepreneurship		Advertising Image Editing
Social Media in Business		Digital Publication Design
Integrated Business Applications		Marketing work-based credit
Fundamentals of Web Page Design		

Advertising (LTC) **547000CW**

Grades 12, 11, 10 **1 unit CTE credit**

Prerequisite: Marketing or Marketing (with Sports and Entertainment Emphasis)

Industry Credential Alignment: Google AdWords

This course is suggested for students who are considering a career in business and marketing. Students learn concepts of advertising, planning strategies, communications skills, and professional development. Students will complete hands-on activities involving budget development, media selection, ad design, and preparation of ads for various media. Course content also covers publicity, visual merchandising, and special sales events. Career opportunities, work ethic, communication strategies, and mathematics skills are addressed. This is a required course for the Marketing Communications major.

Entrepreneurship (LTC) **540000CW**

Grades 12, 11, 10 **1 unit CTE credit**

This course is suggested for students who are considering opening their own business or having a career in business or marketing. They learn how to setup and operate a profitable business, starting with a business plan. This course helps them understand business operations, and provides them with the techniques, skills, sources of data and detailed information needed to operate a profitable business.

Fashion Marketing (LTC) **541000CW**

Grades 12, 11, 10 **1 unit CTE credit**

This course is designed to introduce students to some of the basic fashion principles within the retail industry and provide students with a general overview of factors that affect apparel selection. Course topics include fashion terminology, color and color schemes, silhouettes and body types, fiber and fabric construction, the fashion cycle and theories of fashion movement, and careers within the retail industry. Students also research the history of fashion and significant fashion designers. This course is largely project based and should help prepare students for a possible career within the retail industry.

Merchandising (LTC) (with a Fashion Emphasis at LTC) **543000CW**

Grades 12, 11, 10 **1 unit CTE credit**

Prerequisite: Fashion Marketing (LTC)

With a focus on fashion, students prepare to function as professional buyers of resale products and product lines for stores, chains, and other fashion-oriented retail enterprises. Topics include product evaluation, merchandising, applicable aspects of brand and consumer research, principles of purchasing, and negotiation skills.

Marketing (LTC) **542100CW**

Grades 12, 11, 10 **1 unit CTE credit**

Note: Students may choose Marketing or Marketing (with a Sports and Entertainment Emphasis 542103CW). Credit cannot be earned in both courses.

This course prepares students for careers in business, marketing, management and entrepreneurship. Students develop competencies in business fundamentals including human relations, communications, selling, promotion and financing. The instructional program emphasizes the competencies necessary for an individual to achieve success in advertising, buying, fashion merchandising, banking, tourism and business ownership. The importance of the free-enterprise system in a global economy and the American work ethic is stressed. Students learn the importance of the free-enterprise system in a global economy and a strong work ethic. This course leads to 4 Marketing Majors: Marketing Management, Merchandising, and Marketing Analytics.

Marketing (LTC)(with a Sports and Entertainment Emphasis) **542103CW**

Grades 12, 11, 10 **1 unit CTE credit**

Note: Students may choose Marketing or Marketing (with a Sports and Entertainment Emphasis). Credit cannot be earned in both courses.

Marketing (with a Sports and Entertainment Emphasis) is for students who plan to pursue a college degree or a career in the sports and entertainment industry. Students study marketing concepts and examine economic, marketing, and business fundamentals in the sports and entertainment industry. In addition, they examine key marketing functions including selling, promotion, and distribution. This course leads to 4 Marketing Majors: Marketing Management, Marketing Communications, Merchandising, and Marketing Analytics.

Marketing Analytics (Research) (LTC) **542300CW**

Grade 12, 11 **1 unit CTE credit**

Prerequisite: Marketing or Marketing (with Sports and Entertainment Emphasis)

Industry Credential Alignment: Google Analytics

By conducting research, students explore trends, needs, and challenges within a given target market. Students use various research methods and technology to analyze findings and present recommendations to implement successful marketing research strategies. This is a required course for the Marketing Analytics major.

Marketing Management (LTC) **543101CW**

Grades 12, 11 **1 unit CTE credit**

Prerequisite: Marketing or Marketing (with a Sports and Entertainment Emphasis)

Industry Credential Alignment: Microburst Learning Employability Soft Skills

This course further prepares students for careers in business, marketing, management and entrepreneurship. It expands students' knowledge to make decisions concerning location, promotion, planning, pricing and competition. Each student selects a type of business and develops a business plan to include financing, organization, management and marketing. Students develop competencies in business fundamentals including human relations, communications, selling, promotion and financing. The curriculum stresses the importance of the free-enterprise system in a global economy and the American work ethic. The instructional program emphasizes the competencies necessary for an individual to achieve success in marketing fields such as advertising, buying, fashion merchandising, banking, tourism and business ownership. The skills developed in marketing help students pursue degrees in business administration, retailing, marketing and management. This is a required course for the marketing management major.

Social Media Marketing (LTC) **503400CW**

Grade 12, 11, 10 **1 unit CTE credit**

Prerequisite: Marketing or Marketing (with a Sports and Entertainment Emphasis)

Industry Credential Alignment: Google AdWords

Social media has changed communication channels and created challenges for marketing in the digital age. Because of the change in technology and communication, marketing managers must take on a different approach. In this course, students will learn how businesses market on social media and how to create a social media strategy. Through lecture, discussions, and online simulation, students will learn about the optimal marketing strategy for social media. Topics that are discussed include the importance of influencers and brand advocates, the benefits of listening and aligning objectives with goals.

This course introduces students to the current field of social media and prepares them to explore and create successful social media strategies for businesses. This course gives students the knowledge, tools, and methods to use different social media tools in order to educate and connect with customers, promote and sell products and services, and develop new business.

SCHOOL OF ARTS AND HUMANITIES
EDUCATION AND TRAINING CLUSTER

Education and Training CTE Completer Sequence

Required Courses: Introduction to Teaching 1, Introduction to Teaching 2

and TWO of the following:

CTE Dual Credit Teacher Cadet	Child Development 1	Child Development 2
Integrated Business Applications 1	Entrepreneurship	Introduction to Early Childhood Education
Early Childhood Education 1	Web Page Design	Education & Training work-based credit

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Introduction to Teaching 1 (LTC) **570300CW**

Grades 10, 11, 12 **1 unit CTE credit**

Introduction to Teaching Level 1 is designed to prepare students for employment and/or postsecondary opportunities in the education field. The program provides instruction in the teaching profession, communication skills, human growth and development, planning and instructional strategies, and school-societal relationships. Technology is integrated throughout the course work.

Introduction to Teaching 2 (LTC) **570400CW**

Grades 11, 12 **1 unit CTE credit**

Introduction to Teaching Level 2 is an advanced level course that builds on skills developed in Introduction to Teaching Level 1. Students develop a higher level of proficiency through authentic learning experiences. Students plan engaging lessons, enhance communication and presentation skills, explore school-societal relationships, and exhibit professionalism. Technology is integrated throughout the course work.

CTE Teacher Cadet (Dual Credit) (LTC) **(DE Teacher Cadet)** **570500EW**

Grade 12, 11 **1 unit CTE credit**

Students completing Intro to Teaching I, Intro to Teaching II and CTE Teacher Cadet may take the Praxis Part I at no expense to the student.

Requirement: Students must meet the following state requirements: an overall grade point average of 3.0 on a 4.0 scale (not Uniform Grading Scale) in a College Prep program of studies, a high class rank, five teacher recommendations, and a written essay.

This course is for four-year college bound students and students who plan to begin post-secondary education at a two-year institution and transfer to a four-year college. Emphasis is placed on analytical and interpretive skills. The course content focuses on introducing the profession of education and looks at all facets of education, K-12. Applicants are screened according to the admission criteria.

Note: Since Teacher Cadet is a dual credit course, students are required to pay a college registration fee which is not refundable if the course is dropped.

SCHOOL OF ENGINEERING, MANUFACTURING & INDUSTRIAL TECHNOLOGIES AGRICULTURE, FOOD & NATURAL RESOURCES CLUSTER

Environmental and Natural Resources Management CTE Completer Sequence

This program requires FOUR credits from the following courses:

Agricultural Mechanics and Technology	Agricultural Science and Technology	Forestry
Agricultural Science and Technology for the Workplace	Wildlife Management	
Environmental and Natural Resources Management		

Horticulture CTE Completer Sequence

This program requires FOUR credits from the following courses:

Agricultural Mechanics and Technology	Agricultural Science and Technology	Greenhouse Technology

Agricultural Science and Technology for the Workplace Landscape Technology

Plant and Animal Systems CTE Completer Sequence

This program requires FOUR credits from the following courses:

Agricultural Mechanics and Technology Agricultural Science and Technology Animal Science
Agricultural Science and Technology for the Workplace Introduction to Veterinary Science Small Animal Care

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Agricultural Science and Technology for the Workplace (LTC) **562000CD** **2 units CTE credit**

Industry Credential Alignment: Bayer Crop Science Plant Science Certification

This course addresses essential concepts and practices related to plant and animal life. These include biotechnology, conservation of natural resources, and the impact of agriculture on the environment. Personal and community leadership, safety, and agricultural mechanical technology are also included. This course paired with two credits in either Environmental and Natural Resources, Animal and Plant Systems, or Horticulture completes a major.

Animal Science (LTC) **560800CD**

Grades 11, 10, 12 **2 units CTE credit**

Prerequisite: All students and their parents/guardians are required to complete a medical information and release form.

Industry Credential Alignment: Elanco Fundamentals of Animal Science

Animal Science is designed to teach technical knowledge and skills for careers in an animal production enterprise. Students develop competencies including selection, breeding, physiology, nutrition, health, housing, feeding, and marketing of farm and companion animals. Courses that complete this major include Agricultural Science and Technology, Small Animal Care, and Introduction to Veterinary Science.

Environmental & Natural Resources 1 (LTC) **562800CD** **2 units CTE credit**

This course offers a combination of topics addressing conservation and/or improvement of natural resources such as air, soil, water, and land for economic and recreational purposes. Instruction emphasizes the establishment, management, and operation of land. Activities include constructing a model watershed, analyzing the biological and physical aspects of the environment, and measuring soil, air, water, noise and solid waste at a selected site. Paired with this course, Agriscience and Technology, Wildlife Management, Forestry, and Outdoor Recreation complete a major.

Forestry (LTC) **564200CW**

Grades 12, 11, 10 **1 unit CTE credit**

This course is designed to teach technical knowledge and skills for entry-level positions in the production, protection and management of timber and specialty forest resources. Typical instructional activities include: hands-on experiences with assessing environmental factors affecting forest growth; cruising timber; planting trees; managing an established forest; selecting, grading and marketing forest raw materials for conversion into a variety of consumer goods; harvesting timber or pulpwood; operating and maintaining equipment; managing forests for multiple-purpose uses such as game preserves and recreation; participating in personal and community leadership development activities; planning and implementing a relevant school-to-career transition experience.

Greenhouse Technology (LTC) **567200CW**

Grades 12, 11, 10 **1 unit CTE credit**

This course teaches technical knowledge and skills for entry-level positions in the production, processing and distribution of flowers, foliage and related plant materials. The course focuses on best management practices in field and greenhouse production of flowers and related plant materials and the ornamental arrangement of plant materials.

Introduction to Veterinary Science (LTC) **561300CW**

Grades 12, 11, 10 **1 unit CTE credit**

Prerequisite: All students and their parent/guardians are required to complete medical information and release form.

Industry Credential Alignment: Veterinary Medical Applications Certification

In this course, students explore the field of veterinary medicine and study the role of the veterinarian and veterinary technician in the diagnosis and treatment of animal diseases. Topics include veterinary terminology, anatomy and physiology, pathology, genetics, handling and restraint, and physical examinations along with common surgical skills. Students engage in laboratory activities and participate in shadowing and/or other work-based experiences.

Small Animal Care (LTC) **561200CW**

Grades 12, 11, 10 **1 unit CTE credit**

Prerequisite: All students and their parent/guardians are required to complete medical information and release form.

The Small Animal Care course prepares students with technical knowledge and skills for those interested in a career as a veterinarian, veterinary technician, or other companion animal industry occupations. Typical instructional activities include hands-on experiences with cats, dogs, rabbits, fish, etc.; personal and community leadership development activities; and a relevant school-to-work transition experience.

Wildlife Management (LTC) **567400CW**

Grades 12, 11, 10, 9 **1 unit CTE credit**

Prerequisite: Agricultural Science and Technology

This course prepares students with technical knowledge and skills for entry-level positions in the conservation and/or management of wildlife enterprises. Instruction includes hands-on experiences while analyzing problems and developing site plans, including essential elements, concepts and skills related to wildlife management, understanding basic ecological concepts; implementing habitat management practices, identifying wildlife and fish species, analyzing policies, laws and regulations, using natural resources for outdoor recreation, participating in personal and community leadership development, and planning and implementing supervised agricultural experience.

SCHOOL OF ENGINEERING, MANUFACTURING & INDUSTRIAL TECHNOLOGIES
ARCHITECTURE & CONSTRUCTION CLUSTER

Building Construction CTE Completer Sequence

Required courses: Building Construction 1, Building Construction 2

Electricity CTE Completer Sequence

Required courses: Electricity 1, Electricity 2

Building Construction 1 (LTC) **606000CD**

Grades 11, 10, 12 **2 units CTE credit**

Industry Credential Alignment: OSHA 10

This course is part of the instructional program that prepares students to perform entry-level building construction tasks under the direction of a supervisor or an experienced craftsman. Primary instruction is given in basic carpentry, masonry, residential electricity and plumbing and safety practices.

Building Construction 2 (LTC) **606100CD**

Grades 12, 11 **2 units CTE credit**

Prerequisite: Building Construction 1 **Industry Credential Alignment:** NCCER

This course provides in-depth instruction on floor systems, wall framing, roofing and brick masonry. Students learn to read and interpret blueprints, sketches and building plans. Students may be eligible to participate in cooperative work experiences or apprenticeships, which combine career and technology training with supervised work experience in business and industry.

Cabinet Making (LTC) **608001CD**

Grade 12, 11 **2 units CTE credit**

Prerequisite: Building Construction 2

This course introduces students to the fundamentals of cabinetmaking. Students learn how to apply veneers and plastic laminate on countertops and tabletops. Students use detailed shop plans to complete a layout and design of cabinets, cut and shape components, and assemble components to industry standards. Students apply various finishes to surfaces including lacquers, stains, polyurethane and other finishes. A practical application of this class is the installation of finished cabinets in the student house project completed by the Building Construction program.

Construction Project Management (LTC) **690100CD**

Grade 12, 11 **2 units CTE credit**

Prerequisite: Level 2 of a construction major completed or concurrent and application

The curriculum of this course is designed to introduce students to the process of initiating, planning, executing, monitoring, and closing construction-related projects. Assignments align with the standards of the prerequisite Career and Technical Education (CTE) courses that build up to this capstone course. Students become familiar with the nine essential areas of Project Management through hands-on, accountable, project-based learning.

Construction Project Management students are responsible for managing the construction of the LTC student house under the supervision of their Building Construction instructor.

Electricity 1 (LTC) **628700CD**

Grades 11, 10, 12 **2 units CTE credit**

Industry Credential Alignment: OSHA 10

This course begins the study of conduit bending; electrical theory; test equipment; introduction to the electrical code; safety in the workplace; residential, commercial and industrial wiring; and blueprint reading. Students work with hand tools and construct working electrical stations. Students participating in this program have the opportunity to become certified with the National Center for Construction Education and Research (NCCER), a nationally recognized certification program. Students may be eligible to participate in cooperative work experiences or apprenticeships, which combine career and technical training with supervised work experience in business and industry.

Electricity 2 (LTC) **628800CD**

Grades 12, 11 **2 units CTE credit**

Prerequisite: Electricity 1 **Industry Credential Alignment:** NCCER

This course begins the study of alternating current, electrical motors, grounding, conduit bending, cable trays, electrical services and electrical lighting. Students work with hand tools, power tools, blueprints and floor plans to construct a real house that is later sold to the public. The house must pass the building inspections process. Students participating in this program have the opportunity to become certified with the National Center for Construction Education and Research (NCCER). This is a nationally recognized certification program. Students may be eligible to participate in cooperative work experiences or apprenticeships, which combine career and technology training with supervised work experience in business and industry.

SCHOOL OF ENGINEERING, MANUFACTURING & INDUSTRIAL TECHNOLOGIES
ARCHITECTURE & CONSTRUCTION CLUSTER

Machine Technology CTE Completer Sequence

Required courses: Machine Technology 1, Machine Technology 2

Welding CTE Completer Sequence

Required courses: Welding Technology 1, Welding Technology 2
Recommended: Welding Technology 3

Machine Technology 1 (LTC) **623000CD**

Grades 11, 10, 12 **2 units CTE credit**

This course provides classroom instruction and lab experiences related to metalworking. It focuses on the operation of equipment such as the lathe, milling machine, grinders, drilling machines, precision measuring instruments and hand tools. Blueprint reading and math are important parts of the course. Students who register for this course should enjoy working with machines and making metal projects.

Machine Technology 2 (LTC) **623100CD**

Grades 12, 11 **2 units CTE credit**

Prerequisite: Machine Technology 1

This course includes advanced instruction machining metal. The course focuses on milling machines, boring and drilling, the use of surface grinders, vertical and horizontal boring and drilling machines, basic study of CNC equipment and basic programming, job seeking, public relations and manufacturing facilities. Students may be eligible to participate in cooperative work experiences or apprenticeships, which combine career and technology training with supervised work experience in business and industry. These school-to-career programs must have prior approval by the instructor and the district's school-to-Career Coordinator. Students who complete this program may be eligible to exempt MTT 121 and 122 at Midlands Technical College and Aiken Technical College.

Welding Technology 1 (LTC) **634000CD**

Grades 10, 11, 12 **2 units CTE credit**

This course focuses on the physical properties of metals as well as the testing of welded joints. Students learn oxy fuel and plasma cutting. They also study welding techniques (shielded metal arc, gas metal arc, gas tungsten arc and flux core arc). Students study safety issues, read blueprints and design projects.

Welding Technology 2 (LTC) **634100CD**

Grades 12, 11 **2 units CTE credit**

Prerequisite: Welding Technology 1 **Industry Credential Alignment:** American Welding Society (AWS)

Welding 2 concentrates on the study of advanced cutting and welding techniques. Students fabricate projects from blueprints and design projects. Students may be eligible to participate in cooperative work experiences or apprenticeships, which combine career and technology training with supervised work experience in business and industry.

Welding Technology 3 (LTC) **634200CD**

Grade 12 **2 units CTE credit**

Prerequisite: Welding 2 **Industry Credential Alignment:** Microburst Learning Employability Soft Skills

Welding Technology 3 students continue to study advanced welding processes. Students weld in all positions using SMAW, GMAW, GTAW, and FCAW. Students weld on carbon steel, stainless, and aluminum. Students learn destructive testing methods as well as visual testing methods. Students in this class learn how to obtain welding certifications in the (3G) and (4G) positions. Students practice advanced cutting skills using Oxy-Fuel and Plasma cutting torches. Students fabricate projects from blueprints and weld them with multiple welding processes. Students can exempt up to nine (9) credit hours at Midlands Technical College upon successful completion of Welding 3 with approval from instructors.

Core Engineering CTE Completer Sequence

This program requires FOUR of the following courses:

Intro to Engineering Mechanical Design 1 Mechanical Design 2 Electronics for Engineers
Engineering Technology Materials Science Advanced STEM Research
Science, Technology, Engineering, Mathematics (STEM) work-based credit

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Advanced STEM Research Honors (LTC) **609914HW**

Grades 12, 11 **1 unit CTE credit**

This course is designed to be a capstone experience for the Center for Advanced STEM Study. Students enrolled in this course conduct a self-directed project which consists of researching, designing, building and presenting a project to a committee of advisory members. Possible projects include experimental research, entrepreneurial ventures and advanced STEM studies with respect to environmental and economic impact. Research may include internships or several externships with local engineering firms or institutions of higher education.

Electronics for Engineers — Honors (LTC) **609906HW**

Grades 11, 12 **1 unit CTE credit**

This Center for Advanced STEM Studies elective course focuses on applied logic that encompasses the application of electronic circuits and devices. Electrical components such as resistors, LEDs, and capacitors are introduced and used to create basic circuits. Throughout the course more advanced devices and circuits are added. The students will learn how to use microcontrollers (such as Arduinos) to perform predefined tasks based on external data collected by sensors.

Engineering Technology – Honors (LTC) **609910HW**

Grades 12, 11, 10 **1 unit CTE credit**

Prerequisite: Introduction to Engineering

Recommendation: Mechanical Design 1 and Mechanical Design 2

Industry Credential Alignment: REC Foundation (Robotics & Education Competition Foundation)

Students build skills for success through research, experiments and challenges that incorporate science, technology, engineering, and mathematics (STEM) concepts. Engineering Technology introduces students to a variety of experiences that mirror actual engineering problems encountered by business and industry. They gain experience with using measurement tools and instruments and perform experiments with electrical circuits, mechanical and fluid systems.

Introduction to Engineering (LTC) **637000CW**

Grades 9, 10, 11 **1 unit CTE credit**

This STEM course is a basic introduction to engineering for all students. Students who complete this course will learn the concepts necessary in order to develop their ideas into solutions that will improve our lives. Exciting hands-on learning activities like data comparison of heart rates, rating

consumer products, descriptive testing and 3D solid modeling apply math, science, history and English content from other courses in a STEM experience.

Materials Science – Honors (LTC) **609912HW**

Grades 12, 11, 10 **1 unit CTE credit**

This Center for Advanced STEM Studies elective course features hands-on labs combining science, ingenuity, and creativity in a multidisciplinary approach to science and technology. Students learn about materials, materials uses and applications, scientific theories, and practical experiences that prepare them to work in a technologically-rich environment.

SCHOOL OF ENGINEERING, MANUFACTURING & INDUSTRIAL TECHNOLOGIES
TRANSPORTATION, DISTRIBUTION & LOGISTICS CLUSTER

Auto Collision Repair Technology CTE Completer Sequence

Required courses: Auto Collision Repair Technology 1, Auto Collision Repair Technology 2

Automotive Technology CTE Completer Sequence

Required courses: Automotive Technology 1 ,Automotive Technology 2

Power Equipment Technology CTE Completer Sequence

Required courses: Power Equipment Technology 1, Power Equipment Technology 2

Auto Collision Repair Technology 1 (LTC) **602000CD**

Grades 11, 10, 12 **2 units CTE credits**

Medical Alert: Students with asthmatic conditions should be aware of dust and fume concerns.

Industry Credential Alignment: Automotive Service Excellence (ASE)

This course introduces the structure of the automobile and the use of all the tools necessary for body panel repairs and refinishing. First-year students, focusing on basic repair skills, accomplish actual repair jobs. Hands-on skill development and production activities comprise three-fourths of the course with the remaining being spent in a formal classroom setting. Students participating in this program have the opportunity to become certified by ASE (Automotive Service Excellence) and in I-CAR (Inter-Industry Conference on Auto Collision Repair).

Auto Collision Repair Technology 2 (LTC) **602100CD**

Grades 12, 11 **2 units CTE credits**

Prerequisite: Auto Collision Repair Technology 1

Medical Alert: Students with asthmatic conditions should be aware of dust and fume concerns.

Industry Credential Alignment: Automotive Service Excellence (ASE), I-CAR Certified Technician, S/P2

This course allows students to study paint finishes and, after proper proficiency is displayed, paint automobiles. Students learn the basic fundamentals of MIG welding. The measuring, pulling and straightening of collision cars is studied. Students also become proficient at shop management and damage estimating. Students participating in this program have the opportunity to become certified by ASE (Automotive Service Excellence) and in I-CAR (Inter-Industry Conference on Auto Collision Repair). Students may be eligible to participate in cooperative work experiences or apprenticeships, which combine career and technology training with supervised work experience in business and industry.

Automotive Technology 1 (LTC) **603000CD**

Grades 11, 10, 12 **2 units CTE credits**

Industry Credential Alignment: Automotive Service Excellence (ASE)

This course teaches students to become proficient in the maintenance and repair of automobiles. Students will learn about automotive fasteners, gaskets, sealants, liquids and fluids, writing work orders, tire and wheel services, vehicle chassis lubrication, basic electrical systems, batteries, vehicle starting, charging systems, lighting systems, basic engine fundamentals, minor engine tune-ups and brake systems. Students need computer keyboarding skills to operate diagnostic equipment and access vehicle service manuals.

Automotive Technology 2 (LTC) **603100CD**

Grades 12, 11 **2 units CTE credits**

Prerequisite: Automotive Technology 1 **Industry Credential Alignment:** Automotive Service Excellence (ASE)

This course teaches theory and principles of major engine tune-ups. Actual work experience includes: batteries and starting systems; alternators and charging systems; computer command controls and electronics; ignition systems; fuel supply and emission control systems; exhaust, lubricating and cooling systems; and car body electrical and accessory systems. Students conduct: chassis and suspension system repairs and services; computerized wheel alignment; and differential and drive-axle assemblies and services. Students may be eligible to participate in cooperative work experiences or apprenticeships, which combine career and technology training with supervised work experience in business and industry. Students who complete this program may be eligible to exempt AUT 105, AUT 106 and AUT 112 at Midlands Tech.

Power Equipment Technology 1 (LTC) **630001CD**

Grades 11, 10, 12 **2 units CTE credits**

This course introduces students to small gasoline engines regardless of the level of knowledge on the subject. Practical application in the lab provides instruction on two and four stroke theory and repair under the supervision of an experienced mechanic. General safety and the proper use of tools and equipment associated with small gasoline engine repair are covered to keep students safe while working in the lab environment. Students receive training on small internal combustion engines used on portable equipment such as lawn mowers, chainsaws, rotary tillers, motorcycles, pumps and compressors. The training includes locating and solving problems, using specialized test equipment, overhauling the basic engine, and repairing or replacing engine systems.

Power Equipment Technology 2 (LTC) **630101CD**

Grades 12, 11 **2 units CTE credits**

Prerequisite: Power Equipment Technology 1 **Industry Credential Alignment:** Yamaha Marine Certification

This course undertakes the study of more complex engines and power transmission systems. Students are involved with outboard and motorcycle repair as well as high-performance applications of small engines. Instruction in realistic shop situations is presented along with a thorough investigation of career opportunities. Students may be eligible to participate in cooperative work experiences or apprenticeships, which combine career and technology training with supervised work experience in business and industry.

SCHOOL OF HEALTH SCIENCE & HUMAN SERVICES
HEALTH SCIENCE CLUSTER

Health Science CTE Completer Sequence

Required Courses: Health Science 1, Health Science 2

AND

ONE of the following:	**OR**	**TWO of the following:**
Human Body Systems		Sports Medicine 1, Sports Medicine 2
Health Science 3		Sports Medicine 3, Principles of Biomedical Sciences
Medical Terminology		Health Science work-based credit
Health Science Clinical Studies		Sports Medicine work-based credit
		Pharmacology for Medical Careers

Health Science 1 (LTC) **555001CW** **1 unit CTE credit**

Industry Credential Alignment: Basic Life Support, First Aid

Health Science 1 is the first of four rigorous courses offered to students interested in pursuing a career in the healthcare field. During this course, students are introduced to healthcare history, careers, law and ethics, cultural diversity, medical

terminology and medical math, infection control, professionalism, communication, the basics of healthcare facilities and types of healthcare insurance. Students gain information on where health care has been, where it is going, and how professionalism and personal characteristics impact their success. The curriculum includes potential First Aid Certification. The skills and knowledge the students learn in Health Science 1 serve to prepare them to advance in all Health Science experiences.

Health Science 2 (LTC) **555101CW**

Grade 10, 11, 12 **1 unit CTE credit**

Prerequisite: Health Science 1 with grade of 75 or higher (as per SCDE)

Recommended: Grade of 80 or better in Health Science 1 **Industry Credential Alignment:** CPR

Health Science 2 applies the knowledge and skills while further challenging the students to learn more detail about the field of healthcare. Students begin learning basic skill sets associated with the medical profession and how to evaluate data obtained from the skills. Students apply and demonstrate medical terminology and medical calculations. Students in this course should further their knowledge of healthcare careers and future goals by participating in a job shadowing experience. The curriculum includes certification in CPR through the American Heart Association. This course provides a foundation for further advancement in Health Science. The course is based on HealthCenter21 curriculum and meets the National Health Care Foundations Standards

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Health Science 3 (LTC) **555201CW**

Grade 11, 12 **1 unit CTE credit**

Prerequisite: Per SCDE, Health Science 1 or Sports Medicine 1 with a grade of 75 or higher

Health Science 3 focuses on the human body. Students gain knowledge of all human body systems and how they work (Anatomy and Physiology). This course emphasizes the study of disease, prevention and treatment (Pathophysiology). Students participate in teamwork activities for assigned projects. Medical Terminology is incorporated throughout the course. Skills in Health Science 2 are reinforced as each body system is studied.

Health Science Clinical Study (LTC) **556000HD**

Grade 12 **2 units CTE credit**

Prerequisite: Health Science 1, 2 & 3 (Health Science 3 may be substituted with Project Lead the Way Human Body Systems, Medical Terminology, Anatomy & Physiology or AP Biology), and completion of application for screening process.

Recommended: Grade of 80 or better in Health Science 2 and 3 or the substitution courses. NEW FOR 2017-2018

Industry Credential Alignment: CNA, CPR

Requirement: APPLICATION, Documented negative tuberculin skin test annually or documented negative two-step. Documentation verifying three hepatitis B vaccinations or signed declination; two measles, mumps, rubella vaccinations; two varicella (chicken pox) vaccinations or serological immune status for rubella, rubeola, mumps and varicella. Students must provide transportation to healthcare facilities.

This course is designed to give students an opportunity to gain clinical experience. A combination of classroom instruction and work based experiences are used to prepare students for post-secondary education or employment in the health-care field. Students complete the development of their personal career portfolio and resume'. The students apply theory and skills to act ethically and within legal boundaries, communicate and relate to co-workers and patients, think critically and solve problems, and provide safe, effective care to patients in clinical areas such as hospitals, doctors' offices and long term care facilities. Recertification in American Heart Association CPR is included. Students are given at least 80 hours of classroom instruction and 20 hours of laboratory time.

The students access HealthCenter 21 online programs for beginning instruction for preparation of laboratory skills. The curriculum is based on the National Health Care Foundations Standards. Upon completion of this course, students may be eligible to take the Nurse Aide Exam for certification. The Nurse Aide Exam fees are the responsibility of the student.

Medical Terminology (LTC) **554000CW**

Grades 12, 11 **1 unit CTE credit**

Prerequisite: Biology 1

Medical Terminology is designed to develop students' working knowledge of the language of medicine. Students acquire word-building skills by learning prefixes, suffixes, roots and abbreviations. By relating terms to body systems, students learn the appropriate use of terms that are used in the medical environment. Medical Terminology may be used as an exemption for Health Science 3.

Medical Terminology AHS 102 (Dual Enrollment) (LTC) **554100EW**

Grades 12, 11 **1 unit CTE credit**

Prerequisite: Biology 1

A dual credit version of Medical Terminology (AHS 102 Midlands Technical College) is also available if student enrollment permits. Must take placement test through MTC.

Note: This course, along with Pharmacology for Medical Careers, is a part of the course sequence supported by Nephron Pharmaceuticals.

Pharmacology for Medical Careers (LTC) **557002CW**

Grades 12 **1 unit CTE credit**

Prerequisites: Chemistry and Algebra 2 **Industry Credential Alignment:** Pharmacy Technician Certification

Pharmacology for Medical Careers is a program designed for students interested in a medical career. The course introduces students to basic terminology, medications and their actions, laws affecting medication prescription, medical calculations, and basic operations of a pharmacy. Students are required to purchase access to the internet based program. Students will be eligible to take the Pharmacy Tech Certification exam after graduation. The Pharmacy Technician Board Exam fees are the responsibility of the student.

Note: The cost of the national curriculum program used in this course is $300.00.

SCHOOL OF HEALTH SCIENCE & HUMAN SERVICES
HUMAN SERVICES CLUSTER

Cosmetology CTE Completer Sequence

Required courses: Cosmetology 1, Cosmetology 2, Cosmetology 3, Cosmetology 4

Cosmetology 1 (LTC) **615000CD**

Cosmetology 2 (LTC) **615100CD**

Grade 11 **4 units CTE credit**

To become a cosmetologist, the State Board of Cosmetology requires students to pass a theory test and a practical test of skills. Students must complete Cosmetology 1 and 2 and Cosmetology 3 and 4, and pass the exam to receive a cosmetology license from the South Carolina Department of Labor, Licensing and Regulation Board. Personal appearance care service workers participate in continuing education and training at salons, cosmetology schools and product shows. Students assist individuals with their personal appearance including shampooing, cutting, coloring and styling hair. Students learn to give manicures, pedicures, scalp treatment, facials and makeup analyses. Students clean and style wigs and hairpieces.

Please note: A rubric is utilized to determine students admitted to Cosmetology. Consumable supplies for this course range between $300 and $325. In addition, each Level 1 and 2 students must purchase a personal kit for approximately $400.

Cosmetology 3 (LTC) **615200CD**

Cosmetology 4 (LTC) **615300CD**

Grade 12 **4 units CTE credit**

Prerequisite: Cosmetology 1 and 2 **Industry Credential Alignment:** Cosmetology State Board Exam

Personal care services students continue an in-depth study of hairstyling, haircutting, chemical services, skin and

nails. Cosmetology 3 and 4 provides preparation for passing the written and practical exam for the South Carolina license from the South Carolina Department of Labor, Licensing and Regulation Board. These courses are equal to nine months of private school training at a cost of $18,000–$22,000.

SCHOOL OF LEADERSHIP & PUBLIC SERVICES
LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY CLUSTER

Emergency and Fire Management Services CTE Completer Sequence

Required courses: Firefighter 1, Firefighter 2

Law Enforcement Services CTE Completer Sequence

Required courses: Law Enforcement Services 1, Law Enforcement Services 2

Firefighting Program Overview:

Fire service training for youths over the age of 16 is recognized by the fire service in the State of South Carolina as a valuable means for recruiting and retaining future volunteer and career firefighters. The course materials for both Firefighter I and II will follow International Fire Service Training Association's Essentials of FireFighting, 6th Edition training manual. Students will learn and perform all skills required by the South Carolina Fire Academy for certification such as; carrying and climbing 14', 24', & 35' ladders, work on an elevated roof prop, search, rescue, and fire attack in hazardous conditions (fire, smoke, heat, low visibility) with appropriate protective equipment in a monitored training environment.

The program will incorporate online coursework, traditional classroom instruction, and skill based training. To prepare students for the strength and physical needs of the job tasks required for the program, the course will also include weekly physical fitness training.

Requirements for participation in the program: (1) 16 years of age at the start of the program; (2) a signed waiver by a parent or guardian understanding the course requirements and hazards associated; (3) a signed medical clearance by a physician (sports physical); (4) registration with the local junior explorer program. All forms will be sent home with the student during the first week of class.

Firefighter 1 (LTC) **651400CD**

Grades 11, 12, 10 **2 units CTE credit**

Prerequisite: *Must be 16 years of age* at the start of the class. Completion of Introduction to Public Safety. Required Coursework for Successful Firefighter 1 Completion: (1) First Aid/CPR/AED, (2) Hazardous Materials Awareness-level training (3) Hazardous Materials Operations (HMO)-level training, (4) Fundamentals of Firefighting & Firefighter 1.

The course will use online and traditional instructional methods and is designed to take the student to the level of Firefighter I, the first level of firefighter as recognized by the National Fire Protection Association (NFPA) and certified by the International Fire Service Accreditation Congress (IFSAC) and National Board on Fire Service Professional Qualifications (ProBoard). The student cannot qualify to take the certification exam if he or she is unable to meet the full requirements for becoming a professional firefighter.

Subjects include: fire behavior, fire extinguishers, personal protective equipment, SCBA, ladders, fire hose, fire streams, search and rescue, interior fire attack and self-survival as well as building construction, ropes and knots, forcible entry, ventilation, water supply, salvage, overhaul, communications, fire prevention, and community risk reduction.

Firefighter 2 (LTC) **651500CD**

Grades 12, 11 **2 units CTE credit**

Prerequisite: Successful completed NFPA Firefighter I & must be 16 years of age prior to the beginning of class.

Coursework to be completed by the end of the program: (1) Vehicle Extrication & (2) Firefighter II.

Industry Credential Alignment: NFPA Firefighter 2

This course is designed to take the student to the final level of firefighter, Firefighter II as recognized by the National Fire Protection Association (NFPA) and certified by the International Fire Service Accreditation Congress (IFSAC) and National Board on Fire Service Professional Qualifications (ProBoard). The student cannot qualify to take the certification exam if he or she is unable to meet the full requirements for becoming a professional firefighter.

Subjects include: incident management, building collapse and special rescue, hose tools and appliances, hydrant flow and operability, fire detection and alarm systems, fire cause, pre-incident planning, reports and communications, and coordinating fire attack.

Law Enforcement Services 1 (LTC) **651001CD**

Grades 11, 10 **2 units CTE credit**

This course is designed to provide the student with a foundational knowledge of the law enforcement system with specific emphasis placed on policing and modern police practices and techniques Upon completion of this course the student will be able to define and demonstrate the application of key terms and techniques used in the law enforcement field.

Law Enforcement Services 2 (LTC) **651101CD**

Grades 12, 11 **2 units CTE credit**

Prerequisite: Law Enforcement 1 **Industry Credential Alignment:** Microburst Learning Employability Soft Skills

This course is designed to expand on the knowledge learned in Law Enforcement Services 1 with greater emphasis placed on practical problem solving using modern police techniques and tactics.

SPECIAL PROGRAMS

Click HERE to get information on:

GSSM Accelerate Program, GSSM Team Up Program, Center for Advanced Agribusiness Research, Center of Advanced STEM Studies, Center for Law and Global Development, Center for Media ARts, Design and Production, and Public Health & Advanced Medical Studies

IB Center

LITERATURE (GROUP 1)

The Literature curriculum begins the summer before 11th grade with a mandatory reading assignment of one or two novels. Specific instructions will be distributed to students prior to the summer break.

Literature HL **HL-1 301B00IW (Grade 11)** **HL-2 301C00IW (Grade 12)**

Prerequisite: English 1/English 2/English 3

This course is designed to develop independent critical competency in the study of American and World Literature. IB English fosters a high level of achievement in writing, reading, and speaking. The authors and literary works studied are chosen from the IB Prescribed List (PWL) for Literature HL. Students will prepare written and oral analyses of the literary works studied. Writing assignments will include general exposition and research preparation for the extended essay. IB assessments include two in-depth written assignments and two oral presentations over the two-year period. At the end of the course, students take the Literature HL Exam.

LANGUAGE-B (GROUP 2)

The Language B courses offered are designed for foreign language learners and focuses principally on the interaction between speakers and writers of the target language. The aim of the course is to prepare students to use the language appropriately in a range of situations and contexts and for a variety of purposes. The course also allows students to develop an awareness and appreciation of the culture(s) of the countries in which the target language is spoken.

Course Description for Language-B SL Courses:

Building on skills acquired in the previous courses, students expand their grammatical knowledge and skill in complex structures and increase their vocabulary through a deeper insight into the people and their culture. Through a more extensive practice in listening, speaking, reading, and writing, students strengthen their proficiency in self-expression and develop a deeper comprehension of the language. Students are examined internally and externally on oral and written assignments, which include individual and group performance, listening skills, and literary analysis.

At the completion of the course students are required to sit for the Language-B SL Exam.

Choose ONE:

Language-B SL, (French) Prerequisite: French 1/French 2; French 3 Honors	**361J00HW (Grade 11)**	**361G00IW (Grade 12)**
Language-B SL, (German) Prerequisite: German 1/German 2; German 3 Honors	**362J00HW (Grade 11)**	**362G00IW (Grade 12)**
Language-B SL, (Spanish) Prerequisite: Spanish 1/Spanish 2; Spanish 3 Honors	**365J00HW (Grade 11)**	**365G00IW (Grade 12)**

Language-B Classical Languages SL, (Latin) **363D00HW (Grade 11)** **363A00IW(Grade 12)**

Prerequisite: Latin 1/Latin 2; Latin 3 Honors

It is important that students understand both the serious dedication of a college level course and the quality of the material studied. The IB curriculum brings students into contact with Roman writers of a more sophisticated and mature level than they have heretofore encountered. Students are examined internally and externally on oral and written assignments which include individual and group performance, listening skills, and literary analysis. At the completion of the course students are required to sit for the Latin SL Exam.

INDIVIDUALS AND SOCIETY (GROUP 3)

IB US History Grade 11 **336D00IW**

History HL Grade 12 **336C00IW**

This two-year course contains both United States History and 20th Century World History topics. The first year is the United States history component called IB US History. The student will take the stated mandated United States History End of Course Test at the end of the first year. The second year concentrates on topics of 20th Century World History. Included in those will be: The Move to Global War (1919-1939), Causes and Effects of 20th Century Wars, and Authoritarian States (20th Century). At the end of the course, students are tested on the content of both years in the IB exam. A portion of the final IB score is derived from the Historical Investigation written in the second year.

And Choose One of the Following:

Economics, SL **335A00HW (Grade 11)** **335A00IW (Grade 12)**

Prerequisite: Algebra 2

This course, offered at both the higher and standard levels, is designed to develop: disciplined economic reasoning skills; an ability to apply the tools of economic analysis to situations and data and to explain the findings clearly; an understanding of how individuals and societies organize themselves in the pursuit of economic objectives; an ability to evaluate economic theories, concepts, situations and data in a way which is considered rational and unprejudiced; international perspectives which feature a tolerance and understanding of the diversity of economic realities in which individuals and societies function. This course also aims to provide students with core knowledge of economics, encourage critical thinking, promote awareness and understanding of internationalism, and recognize their tendencies for bias. While students focus on the basic principles of economics, they need to employ the scientific method in discovering the application of these principles to the everyday world. This requires that they incorporate elements of history, geography, psychology, sociology, political studies as well as math and science. World citizenship is enhanced as they gain an understanding of world economies, developing economies, and our responsibility in aiding and sharing with other economies.

Assessments are conducted using a combination of tests, quizzes, and timed writings, research, presentations, and seminars. At the end of the course, students take the Economics SL Exam.

Psychology, SL **334A00HW (Grade 11)** **334A00IW (Grade 12)**

Prerequisite: Algebra 2

The course of study for IB Psychology focuses on the systematic study of human behavior and the mental and experiential factors that influence behavior. Students develop an understanding of the historical roots of psychology as well as an appreciation for the diversity of the human experience. Through the study of the three major perspectives in psychology – biological, behavioral, and cognitive – students focus on the skills of critical thinking and the methods of empirical investigation that are the hallmarks of psychology. This course introduces the systematic and scientific study of the behavior and mental processes of human beings and other animals. It includes a consideration of the psychological facts, principles, and phenomena associated with each of the major

subfields within psychology. Students also learn about research methodology and ethics that psychologists use in their science and practice. Attention is given to ethical procedures and issues throughout the course.

Assessments are conducted using a combination of tests, quizzes, and timed writings, research, presentations, and seminars. At the end of the course, students take the Psychology SL Exam.

EXPERIMENTAL SCIENCES (GROUP 4)

Biology

This course is designed to convey to students the role of biological sciences in their life and assist students with developing inquiry skills based on biological methodology. While focusing on these areas the students gain an international awareness of the biological sciences through an in-depth study of the multicultural scientists who have shaped the world of biology, research of international diseases and their origins, an in-depth look at global environmental issues, as well as an investigation of the impact of biological sciences on different cultures.

Students are assessed using a variety of tests, quizzes, essays, student presentations, lab reports, research, and in addition to the IB program's internal and external assessment.

Chemistry

The purpose of the courses is to provide an introduction to chemistry using a logical presentation of the content combined with a focus on the following concepts: Stoichiometry, Atomic Theory, Periodicity, Bonding, States of Matter, Energetics, Kinetics, Equilibrium, Acids and Bases, Oxidation and Reduction, and Organic Chemistry. Students explore additional options in content beyond the core curriculum.

Laboratory activities are crucial to the learning process to provide students with an opportunity to design experiments, investigate matter and energy, and to develop the skills needed to present information to the global scientific community.

Students have numerous opportunities to analyze data and to critique all aspects of the laboratory process. The format includes a variety of instructional methods including class discussion, individual and group experiments, computer aided labs and learning, and lecture. Assessments include unit tests, quizzes, lab reports, the Internal Assessment of practical scheme of work, the Group 4 Project, and various other projects and activities in preparation for the External Assessment.

Choose One of the Following:

Biology, HL **HL-1 322B00IW (Grade 11)** **HL-2 322C00IW (Grade 12)**

Prerequisite: Honors Biology 1/Chemistry 1

This course is designed to convey to students the role of biological sciences and assist students with developing inquiry skills based on biological methodology. While focusing on these areas, students gain an international awareness of the biological sciences through an in-depth study of the multicultural scientists who have shaped the world of biology, research of international diseases and their origins, an in-depth look at global environmental issues, as well as an investigation of the impact of biological sciences on different cultures.

Students are assessed using a variety of tests, quizzes, essays, student presentations, lab reports, and research in addition to the IB program's internal and external assessment.

Chemistry HL **HL-1 323B00IW (Grade 11)** **HL-2 323C00IW (Grade 12)**

Prerequisite: Honors Biology I/Chemistry 1

The curriculum includes 135 hours of core instruction and an additional 44 hours of optional instruction (options are chosen by the teacher). For the External Assessments, students are expected to complete Paper 1 – 40 multiple-choice questions from the core and options; Paper 2 –a data based question, several short answer questions, and two extended response questions from the core; and Paper 3 – short answer questions and an extended response question for each option studied.

MATHEMATICS (GROUP 5)

Choose ONE:

Mathematics Applications and Interpretations SL **311G00HW (Grade 11)** **311B00IW (Grade 12)**

Prerequisite: Algebra 1 or Algebra 1 HN, Algebra 2 or Algebra 2 HN, and Geometry or Geometry HN

Recommended: AP Statistics or Probability and Statistics, Grade of 80 or better in previous math courses

This course is designed to provide students with varied mathematical backgrounds and abilities the opportunity to learn critical techniques in applied mathematics and statistics. Students gain an understanding of a wide variety of mathematical topics, preparing them to solve problems in a variety of settings while developing more sophisticated reasoning and critical thinking skills. They study algebra, statistics and probability, logic and set theory, geometry, trigonometry, mathematical modeling and differential calculus. These studies are suitable for students interested in careers in the arts and humanities, leadership and public services, law and policy-making, and world languages.

Students completing this course should be able to communicate clearly and confidently, using mathematics in a variety of contexts to solve problems in many disciplines. The course emphasizes using technology accurately, appropriately, and efficiently to explore new ideas and to solve problems. Students are required to investigate unfamiliar situations involving organizing and analyzing measurements, drawing conclusions, testing their validity, while considering their scope and limitations.

Mathematics Analysis and Approaches SL **311I00HW (Grade 11)** **311F00IW (Grade 12)**

Prerequisites: Algebra 1 Honors, Algebra 2 Honors, Geometry Honors, plus Probability and Statistics Theory (or AP Statistics)

Recommendation: AP Statistics or Probability and Statistics, Grade of 80 or better in previous Math courses.

This course is designed for students who already possess a sophisticated knowledge of mathematical concepts and the ability to recall, select and use their knowledge in both real and abstract contexts to solve problems. Student's interested in taking this course will pursue further studies having significant mathematical content, like economics, finance, or marketing; business management; and human services; and information technology. This course prepares students to transform common realistic contexts into mathematics through the creation of models and constructions—described with standardized notation. Students learn to make conjectures and draw conclusions based on logical argument, deduction and inference. The course explores algebra, circular functions and trigonometry, vectors, statistics and probability, and both differential and integral calculus.

In addition to two examination papers, the student's internal assessment component offers a framework for developing, independence in their mathematical learning by engaging in extended inquiry and modeling.

THE ARTS

Visual Arts, HL **HL-1 351C00IW (Grade 11)** **HL-2 351D00IW (Grade 12)**

Grades: 11, 12 (Semesters: 4) **2 units**

Prerequisite: Honors 2-D Design/3-D Design

In addition to the general information provided above, candidates assemble a summative portfolio with a minimum of thirty (30) quality artworks and complete a minimum of eight (8) journals reflecting their exploration and endeavors throughout the Diploma Programme journey. Two- dimensional artworks are matted while three-dimensional artworks are presented on pedestals and in cases for external evaluation of merit.

THEORY OF KNOWLEDGE (TOK)

Theory of Knowledge **TOK HN1 373A00HH (Grade 11)** **TOK HN2 373B00HH (Grade 12)**

This is a required course within the Diploma Programme, which spans one semester in the junior year and one semester in the senior year. Credit for the course is not given until successful completion of the senior year.

Students reflect on and question the bases of knowledge. Through a range of reading assignments and discussion, students become aware of the diverse beliefs within the school environment as well as around the world. They also learn to evaluate beliefs and make interdisciplinary connections by investigating the areas of knowledge: natural sciences, human sciences, history, arts, ethics, and mathematics. In addition, they are able to identify values underlying and knowledge claims pertinent to local and global issues. Assessments include a college-level essay and required presentations.

DIPLOMA PATHWAYS SEALS OF DISTINCTION OVERVIEW

One or more Seals may be earned, but are not required for graduation.

*Consult District or School Curriculum Guides for more information regarding curriculum choices and requirements.

Honors Seal of Distinction	College-Ready Seal of Distinction	Career Seal of Distinction	Specialization Seal of Distinction
• **UGP GPA** 3.5 or higher **English**- *4 Credits 2 at honors or higher level **Math**- *4 Credits 3 at honors or higher level (Alg. 2 as a prerequisite for the 4th higher level credit) **Lab Science** - *3 Credits 2 at honors or higher **Social Studies**- *3 Credits 2 at the honors or higher level **World Languages** - *2 Credits of the same language for class of 18-19 9th graders *3 Credits of the same language for entering 9th graders 19-20 and beyond **Advanced Coursework**- *4 credits of honors or higher in Jr/Sr. years (the last 2 years prior to graduation)	• **UGP GPA** 3.0 or higher **OR** **ACT** (Composite Score) = 20 **OR** **SAT** = 1020 (combined math and evidenced-based reading and writing scores) **English**- *4 Credits **Math**- *4 Credits No Honors math credits required Alg. 1 (or the equivalent of Alg. 1), Geometry, Alg.2 and 4th Math with Alg.2 or Integrated Math 3 as a prerequisite **Lab Science**- *3 Credits **Social Studies**- *3 Credits **World Language**- *2 Credits of the same language **Fine Arts**- *1 Credit	• **UGP GPA** 2.5 or higher **English**- *4 Credits **Math**- *4 Credits **Science**- *3 Credits **Social Studies**- *3 Credits **And** **Completion of an EEDA major** **And one of the following:** Earn at least 1 industry recognized credential **OR** Silver or higher on WIN **OR** A semester-long WBL placement credit	• **UGP GPA** 3.0 or higher **(Complete one area to qualify)** • **STEM**- *4 credits beyond required courses in math, science, and technology ; 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 and/or minimum ACTFL Exam score of "Intermediate Low" (or an equated score on STAMP or ASL assessment) ; Or AP exam score- 3 or higher Or IB exam score- 4 or higher before the senior year; English Learners – all criteria above and Level 5 composite ACCESS test score • **Military**- *4 credits in JROTC; and an ASVAB score of 31 or higher • **Arts**- *4 credits in single or multiple areas of the Arts; 2 or more at Honors or higher level; Mastery on external exam or performance task

Revised: September 9, 2019

Lexington School District One Curriculum Frameworks

▲ = Career and Technology (CTE) program completer ★ = College and Career Ready (CCR) Credentials Available

School of Arts and Humanities	School of Business Management & Information Systems	School of Engineering, Manufacturing & Industrial Technologies	School of Health Science & Human Services	School of Leadership & Public Services
Arts, AV Technology & Communications Cluster • Architecture/Mechanical Design ▲★ • Digital Art & Design ▲★ • Journalism & Broadcasting • Performing Arts • Visual Arts **Education & Training Cluster** • Advanced Placement, International Baccalaureate, or Dual Credit • English • Social Studies • Education & Training • World Language **International Baccalaureate Diploma Programme (LHS)** **Center for Media Arts, Design and Production (RBHS)** **Center for Advanced STEM Studies: Architecture (LTC)** ▲	**Business Management & Administration Cluster** • Business Information Management ▲★ • General Management ▲★ **Finance Cluster** • Accounting ▲★ • Business Finance ▲★ **Hospitality & Tourism Cluster** • Culinary Arts Management ▲★ **Information Technology Cluster** • Networking Systems ▲★ • Programming & Software Development ▲★ • Web & Digital Communications ▲ **Marketing Cluster** • Marketing Analytics ▲★ • Marketing Communications ▲★ • Marketing Management ▲ • Merchandising ▲★ **Center for Advanced STEM Studies: Computer Science (LTC)** ▲★ **Center for Advanced STEM Studies: Information Technology (LTC)** ▲★	**Agriculture, Food & Natural Resources Cluster** • Environmental & Natural Resources Management ▲ • Horticulture ▲ • Plant & Animal Systems ▲★ **Architecture & Construction Cluster** • Building Construction ▲ • Electricity ▲★ **Manufacturing Cluster** • Machine Technology ▲ • Welding Technology ▲★ **Science, Technology, Engineering & Mathematics Cluster** • Computer & Information System Security / Information Assurance ▲★ • Pre-Engineering ▲ • Mathematics • Science **Transportation, Distribution & Logistics Cluster** • Automotive Collision Repair Technology ▲★ • Automotive Technology ▲★ • Power Equipment Technology ▲★ **Center for Advanced Agribusiness Research (PHS)** ▲ **Center for Advanced STEM Studies: Engineering (LTC)** ▲	**Health Science Cluster** • Health Science ▲★ • Sports Medicine ▲ **Human Services Cluster** • Cosmetology ▲★ • Family & Consumer Sciences ▲★ **Center for Public Health and Advanced Medical Studies (WKHS)** ▲	**Government & Public Administration Cluster** • National Security (ROTC) **Law, Public Safety, Corrections & Security Cluster** • Emergency & Fire Management Services ▲★ • Law Enforcement Services ▲ **Center for Law and Global Policy Development (RBHS)**

Architecture/Mechanical Design

Required Courses (Minimum of 4 Units Required)
Mechanical Design 1 (1 unit) **Mechanical Design 2** (1 unit) **Architectural Design 1** (1 unit) **Architectural Design 2** (1 unit)

Digital Art & Design

Required Courses (Minimum of 4 Units Required)
Digital Art & Design 1 (2 units) **Digital Art & Design 2** (2 units)

Journalism & Broadcasting

Required Courses (Minimum of 4 Units Required)
Broadcasting Production 1-8 (1 unit each) **Yearbook Productions 1-8** (1 unit each)

Performing Arts

Required Courses (Minimum of 4 Units Required)
Band 1-4 (1 unit each) **Chorus 1-6** (1 unit each) **Dance 1-4** (1 unit each) **Theatre 1-4** (1 unit each) **Orchestra 1-4** (1 unit each) **Instrumental (Piano, Drums, Guitar, etc.) 1-4** (1 unit each)

Visual Arts

Required Courses (Minimum of 4 Units Required)
Art 1-4 (1 unit each) **Art: 3-D Design 2** (1 unit) **Art: 3-D Design 3 HN** (1 unit) **AP Studio Art** (1 unit) **Photography 1** (1 unit) **Photography 2** (1 unit)

AP, IB, or Dual Credit

Required Courses (Minimum of 4 Units Required)
Advanced Placement 1-4 (1 unit each) **International Baccalaureate 1-4** (1 unit each) **Dual Credit 1-4** (1 unit each)

English

Required Courses (Minimum of 4 Units Required)
English 3 HN (1 unit) **English 4 HN** (1 unit) **AP English♦** (1 unit) **IB English HL-2 #** (1 unit) **ENG 101** (1 unit) **ENG 102** (1 unit) **Advanced Composition/ Creative Writing** (1 unit) **Speech** (1 unit) **Journalism courses above introductory level** (1 unit only) **Theatre 2** (1 unit) **Southern Literature or Literary Film Studies** (1 unit)

Social Studies

Required Courses (Minimum of 4 Units Required)
AP European History ♦ (1 unit) AP Human Geography (1 unit) AP Macroeconomics (1 unit) AP Microeconomics (1 unit) AP Psychology (1 unit) AP United States Government and Politics (1 unit) AP US History ♦ (1 unit) AP World History (1 unit) Current Issues (1 unit) iCivics (1 unit) World History HN (1 unit)Art 101 (1 unit) HIS 101 and 102 (1 unit) Psychology 201 (1 unit) Sociology 101 (1 unit) History and Appreciation of Art (1 unit)

♦Honors preparation lab courses count toward the total units for a major

Education & Training

Required Courses
Teacher Cadet (Dual Credit) (1 unit) ****2 elective units in intended area of instruction (beyond required units of study for graduation)** ***And** **1 Supplemental Course**

World Languages

Required Courses (Minimum of 4 Units Required)
Chinese 2-5 (1 unit each) **French 2-5** (1 unit each) **Spanish 2-5** (1 unit each) **German 2-5** (1 unit each) **Latin 1-4** (1 unit each) **-OR-** Levels 2, 3 of one language **and** Levels 1, 2 of another language **-OR-** A final proficiency rating of 14 or above in any language

Business Information Management

Required Courses (Minimum of 4 Units Required)
Required: **Digital Desktop Publishing** (1 unit) **Image Editing 1** (1 unit) **Choose 1 or 2 Courses Below:** **Accounting 1** (1 unit) **Entrepreneurship** (1 unit) **Foundations of Animation** (1 unit) **Fundamentals of Web Page Design & Development** (1 unit) **Image Editing 2** (1 unit) **Integrated Business Applications** (1 unit) **Professional & Leadership Development** (1 unit)

General Management

Required Courses (Minimum of 4 Units Required)
Required: **Accounting 1** (1 unit) **Entrepreneurship** (1 unit) **Choose 1 or 2 Courses Below:** **Accounting 2** (1 unit) **Business Law** (1 unit) **Fundamentals of Web Page Design & Development** (1 unit) **Integrated Business Applications** (1 unit) **Marketing** (1 unit) **Marketing (Sports Emphasis)** (1 unit) **Professional & Leadership Development** (1 unit)

Accounting

Required Courses (Minimum of 4 Units Required)
Required: **Accounting 1** (1 unit) **Accounting 2** (1 unit) **Choose 1 or 2 Courses Below:** **Business Finance** (1 unit) **Entrepreneurship** (1 unit) **Integrated Business Applications** (1 unit) **Personal Finance** (1 unit)

Business Finance

Required Courses (Minimum of 4 Units Required)
Required: **Accounting 1** (1 unit) **Business Finance** (1 unit) **Choose 1 or 2 Courses Below:** **Business Law** (1 unit) **Entrepreneurship** (1 unit) **Integrated Business Applications 1** (1 unit) **Marketing** (1 unit) **Personal Finance** (1 unit) **Professional & Leadership Development** (1 unit)

Culinary Arts Management

Required Courses (Minimum of 4 Units Required)
Culinary Management 1 (2 units) **Culinary Management 2** (2 units)

Networking Systems

Required Courses (Minimum of 4 Units Required)
Required: **Networking Fundamentals** (1 unit) **Advanced Networking** (1 unit) **Choose 1 or 2 Courses Below:** **Entrepreneurship** (1 unit) **Exploring Computer Science** (1 unit)

Programming & Software Development

Required Courses (Minimum of 4 Units Required)
Required: **Computer Programming 1 with Java** (1 unit) **Computer Programming 2 with Java** (1 unit) **Choose 1 or 2 Courses Below:** **Exploring Computer Science** (1 unit) **Fundamentals of Web Page Design & Development** (1 unit) **IT Fundamentals** (1 unit)

Web & Digital Communications

Required Courses (Minimum of 4 Units Required)
Required: **Fundamentals of Web Page Design & Development** (1 unit) **Advanced Web Page Design & Development** (1 unit) **Choose 1 or 2 Courses Below:** **Exploring Computer Science** (1 unit) **Cyber Security Fundamentals** (1 unit) **Digital Media Marketing** (1 unit) **Foundations of Animation** (1 unit) **Image Editing 1** (1 unit) **Image Editing 2** (1 unit)

Marketing Analytics

Required Courses (Minimum of 4 Units Required)
Required: **Marketing *or* Marketing (Sports Emphasis)** (1 unit) **Marketing Research** (1 unit) **Choose 1 or 2 Courses Below:** **Entrepreneurship** (1 unit) **Integrated Business Applications 1** (1 unit) **Professional & Leadership Development** (1 unit)

Marketing Communications

Required Courses (Minimum of 4 Units Required)
Required: **Marketing *or* Marketing (Sports Emphasis)** (1 unit) **Advertising *or* Digital Media Marketing** (1 unit) **Choose 1 or 2 Courses Below:** **Advertising** (1 unit) **Digital Media Marketing** (1 unit) **Digital Publications Design** (1 unit) **Entrepreneurship** (1 unit) **Fundamentals of Web Page Design & Development** (1 unit) **Image Editing 1** (1 unit) **Integrated Business Applications 1** (1 unit) **Professional & Leadership Development** (1 unit)

Marketing Management

Required Courses (Minimum of 4 Units Required)
Required: **Marketing *or* Marketing (Sports Emphasis)** (1 unit) **Marketing Management** (1 unit) **Choose 1 or 2 Courses Below:** **Accounting 1** (1 unit) **Business Finance** (1 unit) **Business Law** (1 unit) **Entrepreneurship** (1 unit) **Professional & Leadership Development** (1 unit)

Merchandising

Required Courses (Minimum of 4 Units Required)
Required: **Marketing *or* Marketing (Sports Emphasis)** (1 unit) **Merchandising** (1 unit) **Choose 1 or 2 Courses Below:** **Fashion Marketing** (1 unit) **Entrepreneurship** (1 unit) **Fundamentals of Web Page Design & Development** (1 unit) **Integrated Business Applications 1** (1 unit) **Professional & Leadership Development** (1 unit) ***If additional credit is needed, 1 unit can be chosen from the Supplemental Courses list.***

Horticulture

Required Courses (Minimum of 4 Units Required)
Agricultural Mechanics & Technology (1 unit) **Agricultural Science & Technology** (2 unit–LTC) **Agricultural Science & Technology** (1 unit–GHS & PHS) **Landscape Technology** (1 unit)

Envir. & Natural Res. Management

Required Courses (Minimum of 4 Units Required)
Agricultural Mechanics & Technology (1 unit) **Agricultural Science & Technology** (1 unit–GHS & PHS) **Agricultural Science & Technology** (2 units–LTC) **Environmental & Natural Resources Management** (2 units) **Forestry** (1 unit) **Wildlife Management** (1 unit)

Plant & Animal Systems

Required Courses (Minimum of 4 Units Required)
Agribusiness & Marketing (1 unit) **Agricultural Mechanics & Technology** (1 unit) **Agricultural Science & Technology** (1 unit–GHS and PHS) **Agricultural Science & Technology** (2 unit–LTC) **Animal Science** (2 units) **Introduction to Veterinary Science** (1 unit) **Small Animal Care** (1 unit)

Building Construction

Required Courses (Minimum of 4 Units Required)
Building Construction 1 (2 units) **Building Construction 2** (2 units) ***Students who complete Building Construction 1 & 2 may exempt 7 hours at Midlands Technical College with instructor approval.*** ***Students who complete Construction Project Management may be exempt 5 hours at Midlands Technical College with instructor approval.***

Electricity

Required Courses (Minimum of 4 Units Required)
Electricity 1 (2 units) **Electricity 2** (2 units)

Machine Technology

Required Courses (Minimum of 4 Units Required)
Machine Technology 1 (2 units) **Machine Technology 2** (2 units)

Welding Technology

Required Courses (Minimum of 4 Units Required)
Welding 1 (2 units) **Welding 2** (2 units) ***Students who complete Welding 1, 2, and 3 may exempt 9 hours at Midlands Technical College with instructor approval.***

Pre-Engineering

Required Courses (Minimum of 4 Units Required)
Introduction to Engineering (1 unit) **Mechanical Design 1** (1 unit) **Mechanical Design 2** (1 unit) **Engineering Technology HN** (1 unit)

Computer & Information Systems Security / Information Assurance

Required Courses (Minimum of 4 Units Required)
Required: **Fundamentals of Cyber Security** (1 unit) **Advanced Cyber Security** (1 unit) **Choose 1 or 2 Courses Below:** **Exploring Computer Science** (1 unit) **Entrepreneurship** (1 unit) **Fundamentals of Web Page Design and Development** (1 unit)

Mathematics

Required Courses (Minimum of 4 Units Required)
Pre-Calculus (1 unit) **AP Statistics♦** (1 unit) **Calculus / AP Calculus♦** (1 unit) **Probability & Statistics** (1 unit) **Accounting 2** (1 unit) **Algebra 3** (1 unit) **Physics** (1 unit) **MAT 140** (1 unit) **MAT 141** (1 unit)

Science

Required Courses (Minimum of 4 Units Required)
Astronomy & Space Science (1 unit) **Anatomy & Physiology** (1 unit) **Biology 2** (1 unit) **AP Biology ♦** (1 unit) **IB Biology HL #** (1 unit) **Environ Marine Science** (1 unit) **AP Environmental Science ♦** (1 unit) **Physics 1 HN** (1 unit) **AP Physics ♦** (1 unit) **IB Physics HL #** (1 unit) **Chemistry 1 HN** (1 unit) **Chemistry 2** (1 unit) **AP Chemistry ♦** (1 unit) **IB Chemistry HL #** (1 unit) **CHM 110** (1 unit) **CHM 111** (1 unit)

Health Science Technology

Required Courses (Minimum of 4 Units Required)
Required: **Health Science 1** (1 unit) **Health Science 2** (1 unit) **Choose 1 or 2 Courses Below:** **Health Science 3** (1 unit) **Medical Terminology** (1 unit)

Sports Medicine

Required Courses (Minimum of 4 Units Required)
Required: **Sports Medicine 1** (1 unit) **Sports Medicine 2** (1 unit) **Choose 1 or 2 Courses Below:** **Health Science 3 (**1 unit) **Medical Terminology** (1 unit)

Family & Consumer Sciences

Required Courses (Minimum of 4 Units Required)
Required: 2 or more courses **Child Development 1** (1 unit) **Child Development 2** (1 unit) **Foods & Nutrition 1** (1 unit) **Foods & Nutrition 2** (1 unit) **Housing & Interiors 1** (1 unit) **Housing & Interiors 2** (1 unit) **Choose 2 or more Courses Below:** **CATE Dual Credit Teacher Cadet** (1 unit) **Culinary Arts Management 1** (2 units) **Personal Finance** (1 unit)

Auto Collision

Required Courses (Minimum of 4 Units Required)
Automotive Collision Repair Technology 1 (2 units) **Automotive Collision Repair Technology 2** (2 units)

Auto Technology

Required Courses (Minimum of 4 Units Required)
Automotive Technology 1 (2 units) **Automotive Technology 2** (2 units)

Power Equipment Technology

Required Courses (Minimum of 4 Units Required)
Power Equipment Technology 1 (2 units) **Power Equipment Technology 2** (2 units)

Cosmetology

Required Courses (Minimum of 8 Units Required)
Cosmetology 1 (4 units) **Cosmetology 2** (4 units)

National Security (ROTC)

Required Courses (Minimum of 4 Units Required)
****Must choose 4 sequential courses in one area of concentration**
Aerospace Science 1-4 & **Aerospace Leadership Seminar HN** (LHS)
Naval Science 1-4 & **Naval Leadership Seminar** (WKHS)
Army Leadership, Education and Training 1-4 (PHS)

Emergency & Fire Management Services

Required Courses (Minimum of 4 Units Required)
Firefighter 1 (2 units) **Firefighter 2** (2 units)

Law Enforcement Services

Required Courses (Minimum of 4 Units Required)
Law Enforcement Services 1 (2 units) **Law Enforcement Services 2** (2 units)

2020-2021 Course Catalog
General Information

ACT, SAT and ACCUPLACER

The American College Testing Assessment (ACT) and the Scholastic Aptitude Test (SAT)are tests used by college admission offices and scholarship selection committees as one of several indicators of students' potential to complete college level work successfully.

The ACT provides a measure of how well students can perform the skills necessary for college coursework. The ACT Assessment measures these skills in English, mathematics, reading and science reasoning. An optional writing test is also available. These areas are tested because they include the major areas of instruction in most high school and college programs.

The SAT-I (Scholastic Aptitude Test) is a multiple-choice test with sections in critical reading, math and an optional writing section. The critical reading and math sections of the test have a score range of 200 to 800; thus the score range for the entire test is 600 to 1600. The writing section is scored separately.

Although a student's high school record is the single best predictor of potential for success in college, a combination of the high school record and SAT or ACT scores is a more reliable indicator.

The SAT-II is the name for the tests formerly referred to as Achievement Tests. Some colleges request that students take one or more of these tests for admission and/or placement. The SAT-II is given on the same dates and at the same time as the SAT-I except for the March, April test date. All SAT-II tests are one hour in length; therefore, students may take from one to three of the tests during any one administration of the SAT-I and SAT-II.

Two-year technical colleges require placement tests. The main purpose of the placement test is to help students identify strengths and needs, and to build a solid plan for success. The primary test used by Midlands Technical College is ACCUPLACER. The placement test measures skills in reading, English and mathematics. ACCUPLACER is available on the Midlands Technical College campuses. For additional information about the ACCUPLACER test, students should contact their school counselor or visit the MTC testing services website.

ADVANCED PLACEMENT COURSES

Advanced Placement (AP) courses are available in the district, based on sufficient enrollment, in English, mathematics, computer science, science, social studies, world language and the fine arts. Students must meet the established criteria before they can enroll in each of the courses. The specific criteria are explained in the course descriptions.

These courses offer college-level instruction in high school, preparing the student for the rigors of college. Students must take the AP Exam and the Extension Honors linked course, if required, to receive AP weighted credit. Successful scores on the AP Exam may qualify students for college credit and advanced standing in colleges and universities throughout the United States. Because AP courses are college-level courses, students should expect intensified study and great demands placed on their time and energy.

ATTENDANCE/SEARS

ATTENDANCE

Students taking courses for high school credit can accrue the following number of unexcused absences before losing course credit:

- 45-day classes 3 unexcused absences
- 90-day classes 5 unexcused absences
- 180-day classes 10 unexcused absences

Three unexcused tardies (three minutes late) to any one class can count as an unexcused absence. Students who exceed the approved limits for unexcused absences do not receive course credit.

SEARS

The SEARS program is a Lexington One attendance extension program for high school students who received a final grade of "FA" due to unexcused absences beyond the limit allowed for the course. To participate in this program, the student must have otherwise received a passing grade in the course.

Students are allowed to make up no more than two days per term of unexcused absences. Students with excessive absences first term must attend SEARS at end of first term; students with excessive absences second term must attend SEARS at end of second term. The cost of the program is $25 a day.

CENTERS FOR ADVANCED STUDY

Several high schools house a Center for Advanced Study to expose students to advanced content areas tied to their interests and help them develop advanced learning skills. The centers include Advanced Agribusiness Research; Advanced STEM Studies, Law and Global Policy Development; Media Arts, Design and Production; Public Health and Advanced Medical Studies, and the International Baccalaureate Diploma Program.

Detailed descriptions as well as course requirements can be found in the links below:

Advanced Agribusiness Research

Advanced STEM Studies

International Baccalaureate Diploma Programme

Law and Global Policy

Media Arts, Design and Production

Public Health and Advanced Medical Studies

Frequently Asked Questions about Centers of Study

CLASS RANK

All courses taken for high school credit are included in the calculation of class rank. The instructional level of each course, the student's grade in each course, and the total number of courses attempted are included in the computation of class rank. Under the Uniform Grading Policy passed by the South Carolina State Board of Education, all course grades are based on a state-defined grading scale with corresponding grade point values for each numerical grade.

In addition, the policy specifies that only courses taught at the Honors, Advanced Placement, International Baccalaureate, and/or dual enrollment in college courses may be awarded additional weighting values (.5 quality point for Honors and 1.0 quality point for Advanced Placement and dual enrollment credits) to be used in computing grade point averages and class rank. Grade Point Ratio (GPR) is calculated using the following formula:

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

Once a GPR has been computed for all students, all grade point ratios are rank ordered numerically from highest to lowest and each student's class rank is determined by the position of his/her GPR relative to all other students in a given grade. In instances of equal GPRs for more than one student, the same class rank is given and the following value in sequence will be omitted. Class ranks are calculated at the beginning and end of the academic school year.

Class rank is one consideration in the college admissions process. It is also used as a criterion for some scholarships. Any questions or concerns students have about class rank should be discussed with a counselor. Students are reminded that one's position in the class rank system is relative to the weighted rank of all other students in a particular grade. Therefore, as the numbers and performance of other students in a particular grade group changes, a student's class rank may vary as well even though his/her own academic performance may remain constant.

COURSE REQUIREMENTS TO S.C. PUBLIC COLLEGES AND UNIVERSITIES

The Commission on Higher Education (CHE) establishes the minimum course requirements for students who plan to attend a public college in South Carolina. Some colleges require courses in addition to those listed below (see college catalogues for admission requirements).

For more information, please visit the Commission's website at www.che.sc.gov.

ENGLISH

Four units — At least two units must have strong grammar and composition components, at least one must be in English literature, and at least one must be in American literature. Completion of College Preparatory English 1, 2, 3 and 4 will meet this criterion.

MATHEMATICS

Four units — including Algebra I (for which Foundations in Algebra and Intermediate Algebra may count together as a substitute, if a student successfully completes Algebra 2), Algebra 2, and Geometry. A fourth higher-level mathematics course should be selected from among Algebra 3/trigonometry, pre-calculus, calculus, probability and statistics, discrete mathematics, or a capstone mathematics course and should be taken during the senior year.

LABORATORY SCIENCE

Three units — Two units must be taken in two different fields of the physical or life sciences and selected from among biology, chemistry, earth science, or physics. The third unit may be from the same field as one of the first two units (biology, chemistry, earth science, or physics) or from any laboratory science for which biology, earth science, and/ or chemistry is a prerequisite. It is strongly recommended that students desiring to pursue careers in science, mathematics, engineering or technology take one course in all three fields.

WORLD LANGUAGE

Two units— Two levels of the same world language (some colleges require more)

SOCIAL SCIENCES

Three units — One unit of U.S. History is required; a half unit of Economics and a half unit in Government are strongly recommended.

VISUAL AND PERFORMING ARTS

One unit — One unit in appreciation, history or performance in one of the visual and performing arts.

PHYSICAL EDUCATION/JROTC

One unit — Physical education or JROTC

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) is strongly recommended for this elective. Other acceptable electives include college preparatory courses in English, fine arts, world languages, social science, humanities, laboratory science (excluding earth science, general physical science, general environmental science, or other introductory science courses for which biology and/or chemistry is not a prerequisite), or mathematics above the level of Algebra II.

DUAL CREDIT

Dual credit courses, whether they are taken at the school where the student is enrolled or at a postsecondary institution, are those courses for which the student has been granted permission by his or her home school to earn both Carnegie units and college credit.

Students must obtain written approval from the principal or his/her designee before enrolling in a college course designated as dual credit. College courses identified by the articulation agreement on dual enrollment from the South Carolina Department of Education will be considered dual credit and transfer to the high school with dual credit weighting.

Note: If courses from the state's approved list are not adequate for an individual student's course of study, the student may petition the Dual Credit Study Committee to consider the addition of a specific course. The request should be submitted in writing to the district's Director of Secondary Schools. The request should include the course title, the course number, the particular college or university, and an explanation as to why the course should be added to the list. Requests should be submitted before July 31 or November 30 in order to be reviewed at the August or December committee meeting.

Lexington One High Schools work with partner colleges and universities to determine appropriate offerings that will provide the maximum benefit for our students. Offerings may change each year and will be determined by a variety of factors including approved curriculum from the State Department and higher education partners, availability of professors, suitable school facilities, and minimum student enrollment requirements.

Fees for dual enrollment courses offered in Lexington One will be based on materials and text requirements determined by the college.

List of Universally Transferable Courses in SC

SC TRAC Information for High School Students

Dual Credit Courses TENTATIVELY offered in Lexington One 2019-2020 (Each high school will have more details about course offerings on their campus based on student enrollment requests)

EDUCATIONAL LOTTERY SCHOLARSHIPS

The South Carolina legislature provides several opportunities for students to receive scholarships:

Palmetto Fellows
Where Available: Public and private four-year institutions
Value: Maximum of $6,700
Requirements: 1200 SAT/27 ACT (through June), 3.5 GPA on Uniform Grading, top 6 percent of sophomore, junior or senior class OR 1400 SAT/32 ACT (through June), 4.0 GPA on Uniform Grading

Life Scholarship- 4 Year Colleges
Where Available: Public and private four-year colleges
Value: Up to $5,000 (including a $300 book allowance toward the cost of attendance)
Requirements: (two out of the three): 3.0 GPA on Uniform Grading Scale, 1100 SAT/24 ACT, top 30% of graduating class

Life Scholarship- 2 Year Colleges
Where Available: Two-year public, two-year private and technical colleges
Value: Up to the cost of tuition plus $300 book allowance
Requirements: B average (3.0 on Uniform Grading Scale)

Hope Scholarship
Where Available: Public and private four-year colleges
Value: Maximum of $2,500 plus $300 book allowance
Requirements: 3.0 GPA

Lottery Tuition Assistance
Where Available: Public and private two-year colleges
Value: Portion of tuition (amount dependent on number of eligible participants and total funding available)
Requirements: South Carolina resident for at least one year; enrolled in at least six credit hours each semester toward a certificate degree, diploma program or Associate degree program; make satisfactory academic progress toward the completion of the program requirements; file a FAFSA.

Enhanced Awards
Enhanced awards are available to students who meet the eligibility requirements for the Life Scholarship or Palmetto Fellows scholarships and major in special areas. For more information, visit the South Carolina Commission on Higher Education's Web site at www.che.sc.gov and click on CHE Approve Programs for Scholarship Enhancements.

A student convicted of any felonies or any alcohol or drug-related misdemeanors may lose the opportunity to receive a state scholarship or grant.

These requirements are subject to change by the State Legislature. More information is available at www.che.sc.us.

EXAMS

Students in Grades 9–12 take cumulative, standards-based, end-of-course examinations. When applicable, schools administer end-of-course tests required by the Educational Accountability Act in lieu of district end-of-course exams. Cumulative, end-of-course examinations have a computational weight of 20 percent in the final average. Students taking Advanced Placement (AP), AP Extension courses and International Baccalaureate (IB) courses are exempt from district final exams in those AP/IB courses. Please note- AP US History students take the SC US History End of Course Exam.

Seniors are exempt from exams except for courses in which they are failing or courses in which they elect to take the exam. Seniors who are not failing a course may opt to take a final exam in that course to improve their grade. For these students, their final grade may be raised, but not lowered, by their final exam grade.

GRADE POINT RATIO

South Carolina uses a Uniform Grading Scale to calculate Grade Point Ratio (GPR) and class rank for high school students. The South Carolina Uniform Grading Scale assigns grade points for each numerical grade. By state mandate, all courses carry the same grade points with the exception of Honors, AP, dual enrollment, and IB courses. Honors courses receive an additional 0.5 weighting and AP, dual enrollment, and IB courses receive an additional 1.0 weighting. Appendix A provides a chart listing number breaks for letter grades, non-weighted grade points and weighted grade points for specified levels.

GRADUATION REQUIREMENTS

To be eligible to receive a South Carolina High School Diploma, students must earn 24 units. Based on state law, requirements to receive a South Carolina High School Diploma (graduation requirements) for students in Grades 9–12 are prescribed as follows:

English	4 Units
U.S. History	1 Unit
Economics	1/2 Unit
Government	1/2 Unit
Other Social Studies	1 Unit
Mathematics	4 Units
Sciences*	3 Units
Computer Science	1 Unit
Physical Education or JROTC	1 Unit
World Language or Career/Technology Elective	1 Unit
Electives	7 Units
Total Required	24 Units

*Biology and two more.

Note: All ninth-grade students in Lexington One are required to take Leadership 21 and Health and Wellness.

GRADUATION EXERCISES

Only those students who pass the required units for a South Carolina High School Diploma may participate in the

commencement exercises held at the end of the school year. Special education students who meet all the requirements of their Individual Education Plan (IEP) but have not met the requirement for the South Carolina High School Diploma are allowed to participate in the commencement exercises and receive a certificate of achievement.

HONORS COURSES

Honors-level courses are designed for students who plan to enroll in a four-year college or university upon graduation. These accelerated courses are provided for students who meet the prerequisite course criteria. It is the expectation of the district that all eighth-grade students enrolled in high school credit bearing courses continue accelerated instruction by taking honors, Advanced Placement and/or International Baccalaureate courses.

HONOR GRADUATES

Each high school recognizes honor graduates at graduation. Seniors with an overall Grade Point Average (GPA) of 4.0+ on the SC Uniform Grading Scale or a GPA that ranks in the top 10 percent of the senior class at each high school are recognized as honor graduates.

HONOR SOCIETIES

Each district high school sponsors a chapter of Beta Club and/ or **National Honor Society.**

The first year of high school focuses on establishing eligibility status for participation. Students in Grade 9 who obtain an end-of-year GPA of 3.75 will be eligible for participation in Beta Club the following year. Students in Grade 9 who obtain an end-of-year GPA of 4.0 will be eligible for participation in National Honor Society the following year.

Students in Grades 10–11 will be required to obtain a cumulative end-of-year GPA of 3.75 for Beta Club and a cumulative end-of-year GPA of 4.0 for National Honor Society. Both organizations may not be available at all high schools.

Lexington Technology Center sponsors a National Technical Honor Society (NTHS) chapter. Individual high schools may also sponsor a chapter.

INTERSCHOLASTIC ACTIVITIES ELIGIBILITY

A student must be taking a minimum of four academic courses, or their equivalent, for which no previous credit has been received. A student who is repeating a course for which he has previously received credit cannot count this course as one of the four required for eligibility. This is considered as “monitoring” a course. A student must not have received a high school diploma. If a student turns 19 years of age before July 1 of the upcoming school year, he/she is not eligible. Specific requirements for academic eligibility are mandated by state law under the Education Improvement Act (EIA):

- To participate in interscholastic activities, students in Grades 9–12 must achieve an overall passing average and pass a total of five academic courses.
- Students must satisfy eligibility requirements in the semester preceding participation.

  First semester eligibility is determined by using the final grades earned during the previous year.

  Credits earned in a summer school approved by the South Carolina Department of Education may apply to first semester eligibility. A maximum of two courses per year may be used.

  Students eligible for a first semester sport are permitted to complete that sport even if it extends into the second semester. Under the current League program, this applies to participants in basketball and wrestling.

  Second semester eligibility is determined by using the semester grade for courses taken during the first semester.
- Handicapped students:

Students diagnosed as handicapped and being served in a non-diploma program shall be considered eligible for participation in interscholastic activities if he/she is successfully meeting the requirements of his/her IEP.

Students diagnosed as handicapped and being served in a program leading to a state high school diploma must meet all eligibility requirements previously stated for participation in interscholastic activities.

Terms defined:

Course — Any approved course of instruction in the secondary curriculum, required or elective, for which one unit of credit or its equivalent is awarded on a yearly basis or one-half unit of credit or its equivalent is awarded on a semester basis. If more than one unit of credit is awarded on a yearly basis in a particular course, this subject shall count as more than one course.

Academic Course — Those courses of instruction for which credit toward high school graduation is given. These may include required courses or approved electives.

Required Courses — Courses specifically mandated for a high school diploma.

Credit courses used for eligibility purposes must be courses that are applicable as credit toward a South Carolina High School Diploma. A student may also use college credit courses provided the student has met or is meeting all requirements for graduation.

Academic deficiencies may not be made up through enrollment in extension or correspondence schools or adult education programs.

CURRICULUM FRAMEWORK OVERVIEW

The curriculum framework used by Lexington One includes a rigorous curriculum design and a requirement that each student develop a challenging Individual Graduation Plan. Working with their parents, counselors and teachers, students develop plans that include academic as well as profession- related courses. Their plans also identify extended learning opportunities that are designed to prepare students for transition to post-secondary education and the workplace. Lexington One strives to provide a comprehensive curriculum to address the individual needs of all of our students. The framework provides a structure for planning and communicating high expectations.

FRAMEWORK DESIGN

A comprehensive curriculum framework includes the following elements: schools of study, clusters of study, majors for each cluster of study, and an Individual Graduation Plan (IGP). The IGP consists of the recommended curriculum and the template for each major.

A school of study is a way to organize the curriculum into broad program areas that are inter-related in nature and that relate to various professions and academic areas of study. There are five schools of study in our framework.

A cluster of study is a means of organizing instruction and student experiences around broad categories that encompass virtually all occupations from entry level through professional levels. Clusters of study provide a way to organize and tailor coursework and learning experiences around areas of interests. Clusters of study are designed to provide a seamless transition from high school study to post-secondary study and/or the workforce. There are 16 clusters of study from which to choose.

A cluster of study has several majors. A major is designed to enable students to focus on an area of interest that motivates them to stay in school, to be better prepared for post-secondary choices and/or for the workplace. A major consists of the completion of at least four required credits in that area. It is recommended that students take at least one course at the highest level offered. The district's curriculum currently provides the opportunity to complete a major in more than 30 career areas.

INDIVIDUAL GRADUATION PLAN

The purpose of the Individual Graduation Plan (IGP) is to assist students and their parents in exploring educational and professional possibilities, and in making appropriate secondary and post-secondary decisions. It builds on the coursework, assessments and counseling in middle and high school. The IGP is not intended to reflect all aspects of the high school experience. School counselors begin working with students regarding interests, clusters of study, majors, post-secondary choices and high school options through individual and group counseling in the sixth grade. This includes information on academic and professional goals, career activities and access to career resources. Teacher and parental involvement throughout this process is vital. Students are never locked into a specific cluster or major. Students can change majors if their professional interests change. They can use the curriculum framework, with its schools of study, clusters of study and majors, and career assessment information in making these decisions.

NCAA ELIGIBILITY REQUIREMENTS

The National Collegiate Athletic Association has in force policies regarding athletic eligibility for Division I and Division II schools.

Specific information regarding core courses, minimum test scores and minimum GPA is linked below.

Students planning to participate in athletics at Division I or Division II schools must be certificated by the NCAA Initial-Eligibility Clearinghouse. Students should apply for certification early in their junior year. Student Release Forms needed for this process are available in the athletic office or the clearinghouse. NCAA website: www.eligibilitycenter.org

TEST SCORES

- The SAT score used for NCAA purposes includes only the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a sum of the four sections on the ACT: English, mathematics, reading and science.
- All SAT and ACT scores must be reported directly to the NCAA Eligibility Center by the testing agency. Test scores that appear on transcripts will not be used. When registering for the SAT or ACT, use the Eligibility Center code of 9999 to make sure the score is reported to the Eligibility Center.

GRADE-POINT AVERAGE

- Only core courses are used in the calculation of the grade point average.
- Be sure to look at your high school's list of NCAA-approved core courses on the Eligibility Center's Web site (www.eligibility center.org) to make certain that courses being taken have been approved as core courses.

DIVISION I
FULL QUALIFIER SLIDING SCALE

Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum
3.550	400	400	37
3.525	410	410	38
3.500	430	420	39
3.475	440	430	40
3.450	460	440	41
3.425	470	450	41
3.400	490	460	42
3.375	500	470	42
3.350	520	480	43
3.325	530	490	44
3.300	550	500	44
3.275	560	510	45
3.250	580	520	46
3.225	590	530	46
3.200	600	540	47
3.175	620	550	47
3.150	630	560	48
3.125	650	570	49
3.100	660	580	49
3.075	680	590	50
3.050	690	600	50
3.025	710	610	51
3.000	720	620	52
2.975	730	630	52
2.950	740	640	53
2.925	750	650	53
2.900	750	660	54
2.875	760	670	55
2.850	770	680	56
2.825	780	690	56
2.800	790	700	57
2.775	800	710	58

DIVISION I
FULL QUALIFIER SLIDING SCALE

Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum
2.750	810	720	59
2.725	820	730	60
2.700	830	740	61
2.675	840	750	61
2.650	850	760	62
2.625	860	770	63
2.600	860	780	64
2.575	870	790	65
2.550	880	800	66
2.525	890	810	67
2.500	900	820	68
2.475	910	830	69
2.450	920	840	70
2.425	930	850	70
2.400	940	860	71
2.375	950	870	72
2.350	960	880	73
2.325	970	890	74
2.300	980	900	75
2.299	990	910	76
2.275	990	910	76
2.250	1000	920	77
2.225	1010	930	78
2.200	1020	940	79
2.175	1030	950	80
2.150	1040	960	81
2.125	1050	970	82
2.100	1060	980	83
2.075	1070	990	84
2.050	1080	1000	85
2.025	1090	1010	86
2.000	1100	1020	86

ACADEMIC REDSHIRT

*Final concordance research between the new SAT and ACT is ongoing.

DIVISION II
FULL QUALIFIER SLIDING SCALE

USE FOR DIVISION II BEGINNING AUGUST 2018

Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum
3.300 & above	400	400	37
3.275	410	410	38
3.250	430	420	39
3.225	440	430	40
3.200	460	440	41
3.175	470	450	41
3.150	490	460	42
3.125	500	470	42
3.100	520	480	43
3.075	530	490	44
3.050	550	500	44
3.025	560	510	45
3.000	580	520	46
2.975	590	530	46
2.950	600	540	47
2.925	620	550	47
2.900	630	560	48
2.875	650	570	49
2.850	660	580	49
2.825	680	590	50
2.800	690	600	50
2.775	710	610	51
2.750	720	620	52
2.725	730	630	52
2.700	740	640	53
2.675	750	650	53
2.650	750	660	54
2.625	760	670	55
2.600	770	680	56
2.575	780	690	56
2.550	790	700	57
2.525	800	710	58
2.500	810	720	59
2.475	820	730	60
2.450	830	740	61
2.425	840	750	61
2.400	850	760	62
2.375	860	770	63
2.350	860	780	64
2.325	870	790	65
2.300	880	800	66
2.275	890	810	67
2.250	900	820	68
2.225	910	830	69
2.200	920	840 & above	70 & above

DIVISION II
PARTIAL QUALIFIER SLIDING SCALE

USE FOR DIVISION II BEGINNING AUGUST 2018

Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum
3.050 & above	400	400	37
3.025	410	410	38
3.000	430	420	39
2.975	440	430	40
2.950	460	440	41
2.925	470	450	41
2.900	490	460	42
2.875	500	470	42
2.850	520	480	43
2.825	530	490	44
2.800	550	500	44
2.775	560	510	45
2.750	580	520	46
2.725	590	530	46
2.700	600	540	47
2.675	620	550	47
2.650	630	560	48
2.625	650	570	49
2.600	660	580	49
2.575	680	590	50
2.550	690	600	50
2.525	710	610	51
2.500	720	620	52
2.475	730	630	52
2.450	740	640	53
2.425	750	650	53
2.400	750	660	54
2.375	760	670	55
2.350	770	680	56
2.325	780	690	56
2.300	790	700	57
2.275	800	710	58
2.250	810	720	59
2.225	820	730	60
2.200	830	740	61
2.175	840	750	61
2.150	850	760	62
2.125	860	770	63
2.100	860	780	64
2.075	870	790	65
2.050	880	800	66
2.025	890	810	67
2.000	900	820 & above	68 & above

*Final concordance research between the new SAT and ACT is ongoing.

NCAA Division I requires 16 core courses.

- Four years of English

- Three years of mathematics (Algebra I or higher)
- Two years of natural/physical science (1 year of lab if offered by high school)
- One year of additional English, mathematics or natural/ physical science
- Two years of social science
- Four years of additional courses (from any area above, foreign language or comparative religion/philosophy)
- Complete 10 core courses, including seven in English, math or natural/physical science, before your seventh semester. Once you begin your seventh semester, you may not repeat or replace any of those 10 courses to improve your core-course GPA.
- Earn at least a 2.3 GPA in your core courses.

NCAA Division II requires 16 core courses.

- Three years of English
- Two years of mathematics (Algebra I or higher)
- Two years of natural/physical science (1 year of lab if offered by high school)
- Three years of additional English, mathematics or natural/ physical science
- Two years of social science
- Four years of additional courses (from any area above, foreign language or comparative religion/philosophy)
- Earn at least a 2.2 GPA in your core courses.
- Earn an SAT combined score or ACT sum score matching your core-course GPA on the Division II sliding scale, which balances your test score and core-course GPA. If you have a low test score, you need a higher core-course GPA to be eligible. If you have a low core-course GPA, you need a higher test score to be eligible.

Note: The NCAA does not compute courses prior to ninth grade for eligibility purposes.

OTHER IMPORTANT INFORMATION

- Students enrolling at an NCAA Division I or II institution for the first time need to also complete the amateurism questionnaire through the Eligibility Center Website. Students need to request final amateurism certification prior to enrollment.
- For more information regarding the rules, go to www.ncaa.org. Click on “Academics and Athletes” then “Eligibility and Recruiting.”
- NCAA considers proficiency-based courses such as courses taught through the Internet, distance learning, and credit recovery to be non-traditional and may not accept all credit acquired in this manner. To determine what types of non-traditional courses can be used to satisfy NCAA core-course requirements, refer to their website and click on “High School Administrator”, “Resources”, and “Common Core Course Questions”.
- If you have questions, call the NCAA Eligibility Center at 877-262-1492.

PROMOTION AND RETENTION

In order to comply with state law and to ensure continuous and appropriate progress through Grades 9–12, the Lexington One Board of Trustees has established Administrative Rule IHE-R attached to the district’s Promotion and Retention Policy, IHE. Students are promoted or retained in grade classifications based on these criteria. In Grades 9 through 12, in order to be eligible for promotion to the next grade classification, students must have earned a minimum number of units, as specified below.

To be promoted to Grade 10, second-year students must have earned a minimum of five units. They must have at least one unit each in language arts and mathematics and be enrolled in courses leading to an additional unit of credit in both language arts and mathematics.

To be promoted to Grade 11, third-year students must have earned a minimum of 11 units. Those units must include two language arts and two mathematics courses.

To be promoted to Grade 12, fourth-year students must have earned a minimum of 16 units. Students must have earned at least two units each in English and mathematics and be enrolled in coursework for the following year that will allow them to complete the 24 units needed for the South Carolina High School Diploma.

At any time during the fourth year of high school that a student is enrolled in the necessary courses to graduate, whether onsite or virtual, the student will be assigned senior status. A student who plans to graduate in less than four years must complete the necessary application form, which may be obtained through the Counseling Office.

RETAKING A COURSE

According to the S.C. Uniform Grading Policy, students may retake a course at the same difficulty level under the following conditions:

- Only courses in which a grade of a D or F is earned may be retaken.
- The course in which a D or F is earned may only be retaken during the current academic year or no later than the next

academic school year. In addition, the student must retake the course before he/she has enrolled in the next sequential course (unless the student is granted approval by school administration to do so).

- The student's record will reflect all courses taken and the grade earned. However, only one course attempt and the highest

grade earned for the course will be calculated in the GPA.

- A student who has taken a course for a Carnegie unit prior to his/her ninth grade year may retake that course regardless of the grade earned. A student who retakes a high school credit course from middle school must complete it before the beginning of the second year of high school. In this case, the highest grade will be used in figuring the student's GPA.

S.C. UNIFORM GRADING SCALE CONVERSIONS

South Carolina Uniform Grading Scale Conversions				
Numerical Average	**Letter Grade**	**College Prep Weighting**	**Honors Weighting**	**AP/IB/Dual Credit Weighting**
100	A	5.000	5.500	6.000
99	A	4.900	5.400	5.900
98	A	4.800	5.300	5.800
97	A	4.700	5.200	5.700
96	A	4.600	5.100	5.600
95	A	4.500	5.000	5.500
94	A	4.400	4.900	5.400
93	A	4.300	4.800	5.300
92	A	4.200	4.700	5.200
91	A	4.100	4.600	5.100
90	A	4.000	4.500	5.000
89	B	3.900	4.400	4.900
88	B	3.800	4.300	4.800
87	B	3.700	4.200	4.700
86	B	3.600	4.100	4.600
85	B	3.500	4.000	4.500

84	B	3.400	3.900	4.400
83	B	3.300	3.800	4.300
82	B	3.200	3.700	4.200
81	B	3.100	3.600	4.100
80	B	3.000	3.500	4.000
79	C	2.900	3.400	3.900
78	C	2.800	3.300	3.800
77	C	2.700	3.200	3.700
76	C	2.600	3.100	3.600
75	C	2.500	3.000	3.500
74	C	2.400	2.900	3.400
73	C	2.300	2.800	3.300
72	C	2.200	2.700	3.200
71	C	2.100	2.600	3.100
70	C	2.000	2.500	3.000
69	D	1.900	2.400	2.900
68	D	1.800	2.300	2.800
67	D	1.700	2.200	2.700
66	D	1.600	2.100	2.600
65	D	1.500	2.000	2.500
64	D	1.400	1.900	2.400
63	D	1.300	1.800	2.300
62	D	1.200	1.700	2.200
61	D	1.100	1.600	2.100
60	D	1.000	1.500	2.000
59	F	0.900	1.400	1.900
58	F	0.800	1.300	1.800
57	F	0.700	1.200	1.700
56	F	0.600	1.100	1.600
55	F	0.500	1.000	1.500
54	F	0.400	0.900	1.400
53	F	0.300	0.800	1.300
52	F	0.200	0.700	1.200
51	F	0.100	0.600	1.100
0-50	F	0.00	0.00	0.00

SCHEDULE/LEVEL CHANGES

Students are encouraged to choose courses carefully during the registration period. Students receive a verification of their requests following the completion of the registration process. The verification form allows students to review their requests and make any appropriate changes prior to the building of the master schedule.

Once the master schedule is defined, if circumstances change that affect the original course selection, students should submit a request for course change complete with parent signature to the School Counseling Office.

Level change requests are considered with a written parent request if class space allows. Students may request a change in instructional level within one week after the first 4.5-week interim period of a 90-day course or within one week after the nine-week report card of a 180-day course.

The following Uniform Grading Policy withdrawal procedures are applicable: With the first day of enrollment in the course as a baseline, students who withdraw from a course within three days in a 45-day course, five days in a 90-day course, or ten days in a 180-day course will do so without penalty. The three-, five-, and ten-day limitations for withdrawing from a course without penalty do not apply to course or course level changes approved by the administration of a school. Students who withdraw from a course with administrative approval will be given a WP for the course. Students who withdraw from a course after the specified time shall be assigned a WF, and the F (as a 50) will be calculated in the student's overall grade point average. The three, five and ten-day limitation for withdrawing from a course without penalty do not apply to course or course level changes approved by the administration of a school.

NOTE: Due to schedule conflicts, there is no guarantee that all courses requested can be scheduled. When possible, students with conflicts are notified to allow them to make alternate selections.

SCHEDULING INFORMATION

1. Students transferring from other high schools receive credit for previously earned coursework. When students transfer during the middle of a semester, they will be placed in comparable classes whenever possible.
2. English courses should be taken in sequential order. Students may only enroll in one English class per academic year. Exceptions are made for students who have completed the process for early graduation or who have failed an English course and need to be on track to graduate within four years. Exceptions are also considered for students who need to take more than one English course in a year to be able to enroll in an Advanced Placement English course.
3. If a student enrolls after the beginning of a course, attendance counts from the first day of the course, not from the day of enrollment. Students transferring from another school or from another level of the same course receive credit for days attended in the previous class. Absences from the previous course are also transferred.
4. Students who fail a course may not meet the prerequisite requirement for a subsequent course. If the schedule is not corrected by the counseling department, the student should notify their counselor the first day of class.
5. If a student fails a course or if a course is cancelled, schedules will be adjusted over the summer by counselors. Students will receive corrected schedules at the beginning of the year.
6. Students earning a grade of 50-59 in a course for high school credit may be eligible for credit recovery. If a student elects to take the credit recovery course, it will be added to the transcript designated by a CR. If a student successfully completes a credit recovery course a final grade of "P" will be given to the CR course. If they do not successfully complete the credit recovery course a final grade of "NP" will be given to the CR course. This opportunity is available in our high schools for many courses required for graduation. Additionally, courses are available for credit recovery through Virtual SC and other online programs accredited through AdvancED.
7. Students are encouraged to register for English, math, science and world language course(s) in the level of instruction recommended by their teacher. Students may elect to register for more difficult coursework with parental permission.
8. Administrators assign classes for students who fail to complete the registration process.
9. If a student desires to transfer a dual enrollment credit from a previous school outside the district, the student must provide a transcript from the previous high school as well as a transcript from the university or college that awarded the credit in order for the course to receive appropriate weighting on a Lexington One transcript.

LEXINGTON ONE SECONDARY CURRICULUM FRAMEWORK

Click here for Major and CTE completion requirements.

SPECIAL EDUCATION

Special education courses provide instruction in vocational, academic and functional skills to qualified students. Students qualifying for special education services must meet requirements set forth by the South Carolina Department of Education as mandated by the Individuals with Disabilities Education Act.

Due process procedures are followed for eligibility and placement in special services programs. An individual educational plan (IEP) is developed for each student. Students in special education will be provided services in the least restrictive environment.

To be eligible to receive a South Carolina High School Diploma, students with special needs must meet graduation requirements.

The Occupational Credential Program is a four-year certificate based program that provides job skill training and self-help skills to students in Grades 9–12. Functional skills are emphasized to promote a smooth transition from school to work. Students in more restrictive placements may obtain a district attendance credential.

VIRTUAL SCHOOL

Lexington One Online Learning Academy (LOOLA) provides the opportunity for students to learn at any time, any place, and at any pace. LOOLA students are self-directed learners who develop critical thinking and communication skills by interacting with online content and their instructors in an online learning environment. Virtual courses allow students to work through online units of study as they master course content and employ power skills. LOOLA students possess academic integrity and discipline, as well as excellent time management skills.

We offer students the opportunity to earn credit for the following courses:

- Algebra 1
- Algebra 2
- Geometry
- Precalculus
- English 1
- English 2
- English 3
- English 4
- American Government
- Economics
- US History
- World History
- Biology 1
- Environmental Science
- Earth Science
- Chemistry
- Personal Finance
- Fundamentals of Information Technology

LOOLA serves as a sponsor for student enrollment in Virtual South Carolina. For more information, see the LOOLA Website: http://www.lexington1.net/academics/virtual-school/overview. Students wishing to enroll in any virtual school course must meet all requirements outlined on the web page, including approval from their school counselor. LOOLA recommends that a student limit themselves to three virtual school credits per school year and that a maximum of 12 virtual school credits be applied to the total number of units required for a high school diploma. For more information contact the LOOLA Office at (803) 821-1056 or email dsistare@lexington1.net.

COLLEGE PLANNING CHECKLIST

When to begin	What to do	How to do it
Eighth grade	Select a high school course of study and a career cluster to explore and become familiar with college entrance requirements. Continue career exploration activities.	Work with parents, teachers and counselors to create an Individual Graduation Plan (IGP) to satisfy your career and educational goals. Get involved at school and in your community.
Freshman year	Update your IGP and work to your academic potential. Continue career exploration activities.	Continue to work with parents, teachers, and counselors to refine your IGP. Stay involved in school and community activities.
Sophomore year	Take Pre-ACT in the fall. Look for opportunities to sign up for and take the PSAT through your school. Review results and modify IGP. Take academically challenging courses. Investigate summer enrichment programs.	Meet with your counselor to plan for college. Consider job shadowing. Check your counseling newsletters for summer opportunities and other valuable information.
Junior year Fall	Think about your reasons for going to college. Investigate possible career options and degree level required. Identify important factors in choosing a college.	Collect information from ED-OP DAY (Educational Opportunity Day). During ED-OP, students have the opportunity to talk with admissions counselors from South Carolina colleges and universities and some from out of state. Explore colleges and careers on SCOIS, DISCOVER and the Internet. Continue to focus on your schoolwork and to work with your parents, teachers and counselors.
Junior year Spring	Register for the SAT, ACT, or ASSET. List colleges considering and collect information. Investigate summer enrichment programs. Continue to work to the highest academic potential and to be involved in school and community activities.	Prepare for and visit colleges. Continue collecting college and career information. Enroll in summer activities. Take some time to volunteer.
Senior year Fall	Continue to take a full load of challenging courses. Compare the colleges on your list. Apply to your “choice” colleges. Register for the SAT, ACT, or ASSET. Search for scholarship opportunities. Apply for financial aid in October or November.	Participate in ED-OP Day and Financial Aid Night. Continue visiting colleges. Complete applications by early October. Check counseling newsletters for scholarship opportunities. Complete scholarship applications. Observe deadlines. Work closely with your counselor, parents and teachers to finalize your plans. Complete the Federal Application for Student Financial Aid (FASFA) after October 1.

Senior year Spring	Continue to search for scholarship opportunities. Make your final college decision. Register for college housing.	Complete scholarship applications. Complete final paperwork for college of choice.