## The Beckham Experience Course Catalog 2020-2021



# Lucy Garrett Beckham High School 

1560 MATHIS FERRY ROAD MOUNT PLEASANT, SOUTH CAROLINA 29464

Mrs. Anna E. Dassing, Principal Mr. Daniel Cieslikowski, Assistant Principal

## Mission Statement

Lucy Beckham High School will foster intelligence, challenge students to live with integrity and promote civic involvement through a bold and innovative culture.

$$
\begin{aligned}
& \text { I's of the Tiger } \\
& \text { INTELLIGENCE } \\
& \text { INTEGRITY } \\
& \text { INVOLVEMENT }
\end{aligned}
$$

Vision
To be the best at challenging and optimizing potential.

2020-2021 Lucy Beckham High School Pathways \& Majors

## ARTS, HUMANITIES \& DESIGN PATHWAY

Arts \& Architecture Education
Journalism \& Communications
Law \& Public Policy
Public Service \& Administration
Visual and Performing Arts
World Languages

## SCIENCE \& INNOVATION PATHWAY

Biomedical Science
Building Construction
Business \& Finance
Computer Science
Engineering
Mathematics
Science
Sports Medicine
Veterinary Science


## Core Course Offerings:

## Course Offerings are subject to change.

*Indicates potential future offering for years 2021-2022 and 2022-2023
Other course offerings may be available through dual credit or Virtual SC. Any course taken for credit outside of the traditional school setting must be approved by the principal or designee prior to enrollment in the course.

## English

| English 1 CP | English 4 CP* | Journalism 1 |
| :--- | :--- | :--- |
| English 1 Honors | English 4 Honors* | Newspaper* |
| English 2 CP | AP English Language* | Yearbook* |
| English 2 Honors | AP English Literature* | AP Seminar* |
| English 3 CP* | Dual Enrollment English* | AP Capstone |
| English 3 Honors* | Speech (Public Speaking) |  |



## Social Studies

| World Geography CP | U.S. History CP* | U.S. Government* |
| :--- | :--- | :--- |
| World Geography Honors | U S. History Honors* | AP Government* |
| AP Human Geography | AP U.S. History* | DE Government* |
| World History CP | AP Psychology | AP Microeconomics* CP* |
| World History Honors | Sociology* | DE Economics* |



## Math

Foundations \& Structures in Algebra

Algebra 2 CP

Algebra 2 Honors

Algebra 3 CP*

Pre-Calculus CP

Pre-Calculus Honors

Calculus Honors*

AP Calculus AB*

AP Calculus BC*

Probability \& Statistics CP*

Probability \& Statistics Honors*

AP Statistics*

Dual Enrollment Math


## Science

| Earth Science CP | Astronomy CP* | Marine Science CP* |
| :--- | :--- | :--- |
| Earth Science Honors | Astronomy Honors* | Marine Science Honors* |
| Biology 1 CP | Anatomy \& Physiology CP* | AP Biology* |
| Biology Honors | Anatomy \& Physiology Honors* | AP Chemistry* |
| Chemistry 1 CP | Physics CP* | AP Environmental |
| Chemistry Honors | Physics Honors* | AP Physics 1* |

## Course Offerings are subject to change. <br> *Indicates potential future offering for years 2021-2022 and 2022-2023

Other course offerings may be available through dual credit or Virtual SC. Any course taken for credit outside of the traditional school setting must be approved by the principal or designee prior to enrollment in the course.


## Core Course Descriptions

## ENGLISH

The South Carolina College- and Career-Ready (SCCCR) Standards for English Language Arts are designed to ensure that South Carolina students are prepared to pursue and become successful in economically viable career opportunities or complete a post-secondary education that leads to a successful career. In order to receive a South Carolina High School Diploma, students are required to earn at least four core units in English (English 1-4). All other offerings in the English Department are electives. Upon completion of English 2, students must take the statemandated English 2 End-of-Course Examination.

English 1
Grade 9 Skinny
Students enrolled in English 1 are expected to meet Grade 9 standards, retain or further develop literacy skills and understandings mastered in preceding grades, and work steadily to apply their learning to increasingly complex text. High school core English courses engage students in the skills, strategies, and processes required to effectively master reading, writing, communication, and inquiry-based literacy standards.

## English 1 Honors

Grade 9 Skinny
Students enrolled in English 1 Honors are expected to meet Grade 9 standards, retain or further develop literacy skills and understandings mastered in preceding grades, and work steadily to apply their learning to increasingly complex text. High school core English courses engage students in the skills, strategies, and processes required to effectively master reading, writing, communication, and inquiry-based literacy standards. Honors level courses are rigorous and require more effort to prepare students for the Advanced Placement pathway.


Prerequisite: English 1
Students enrolled in English 2 are expected to meet Grade 10 standards, retain or further develop literacy skills and understandings mastered in preceding grades, and work steadily to apply their learning to increasingly complex text. High school core English courses engage students in the skills, strategies, and processes required to effectively master reading, writing, communication, and inquiry-based literacy standards.

English 2 Honors<br>Prerequisite: English 1 Honors Recommendation: Minimum of 80 average

302500HW
1 unit

Students enrolled in English 2 Honors are expected to meet Grade 10 standards, retain or further develop literacy skills and understandings mastered in preceding grades, and work steadily to apply their learning to increasingly complex text. High school core English courses engage students in the skills, strategies, and processes required to effectively master reading, writing, communication, and inquiry-based literacy standards. Honors level courses are rigorous and require more effort to prepare students for the Advanced Placement pathway.

## Journalism 1

This course will be career-oriented and has the potential to be a stepping stone into either Yearbook, Media Technology, or Newspaper, giving students the basic journalistic foundation needed to be successful in any of these courses. The course will concentrate on writing in various journalistic styles and analysis of past and current trends and issues in the journalism industry. This course is for elective credit only.


This Public Speaking college preparatory course is for any grade and any level of student. It is a fun, interactive, and beneficial course that provides instruction in the preparation and delivery of formal and informal speeches. Through independent and group work, students will gain confidence as they learn the vital importance of public speaking - to help them not only in high school but in college and future occupations. After the last speech, students demonstrate their public speaking skills in debates where they research, plan, and argue controversial issues. This course is for elective credit only.

## MATHEMATICS

A quality mathematics program is essential to help students develop ways of thinking, solving problems, communicating mathematically, and making decisions that enable them to become informed citizens and consumers, competent employees and employers, and productive members of society.
Because Foundations in Algebra is the first course in a two-course sequence, students who successfully complete Foundations in Algebra must subsequently enroll in Intermediate Algebra. Upon completion of the Foundations in Algebra/Intermediate Algebra two-course sequence, students must take the state-mandated Algebra 1 End-of-Course Examination administered at the completion of the second course, Intermediate Algebra.

## Foundations in Algebra

## Requirement: Subsequent enrollment in Intermediate Algebra

This course emphasizes the application of algebraic concepts and skills. Students apply problemsolving techniques, estimation skills, and measurement skills to solve contextual and mathematical problems, including applications related to geometry, data analysis, and statistics. Students work within the real number system to solve problems requiring the use of linear, quadratic, and exponential functions. Students also use graphing techniques to solve problems, including graphing calculators and/or computer software as appropriate.


# Intermediate Algebra 

## Prerequisite: Foundations in Algebra

This course emphasizes the application of algebraic concepts and skills to solve mathematical and contextual problems that can be modeled with linear, quadratic, exponential and rational functions. These problems may include scenarios related to geometry, data, statistics, direct variation, and inverse variation. Students also use graphs and tables to display and solve problems using graphing calculators and/or computer technology as appropriate. A state mandated End-of-Course Examination must be given to every student enrolled in this course. The score will count $20 \%$ of the final grade.

## Algebra 1

## Prerequisite: Teacher recommendation

Algebra 1 is the first level of college preparatory mathematics. Emphasis is placed on solving linear equations and inequalities, basic operations and factoring of polynomials, and applying these concepts to solve real world problems. A state-mandated End-of-Course Examination must be given to every student enrolled in this course. The score will count $20 \%$ of the final grade.

## Algebra 1 Honors

411400HW
Grade 9
1 unit

## Prerequisite: Teacher recommendation

This course is designed to provide students with a strong background in algebraic concepts and processes. Topics include the concept of a variable, algebraic expressions and equations; representations of situation and number patterns with tables, graphs, verbal rules, and equations; investigation inequalities and nonlinear equations; use of matrices to solve linear systems; and applications of methods to solve a variety of real-world and mathematical problems. A state-mandated End of- Course Examination must be given to every student enrolled in this course. The score will count $20 \%$ of the final grade.

## Algebra 2

411500CW
Grades 10 and 11
1 unit
Prerequisite: Geometry, Algebra 1 or Intermediate Algebra
Recommendation: Minimum of 77 average in Algebra 1 and Geometry or 93 average in Intermediate Algebra

This course is designed to provide students with a strong background in algebraic concepts and processes. Topics include understanding algebraic and geometric representations of functions, quadratic, square root, and absolute value functions, rational and exponential functions, and geometric structure and patterns.


#### Abstract

Algebra 2 Honors 411500HW Grades 10 and 11 1 unit Prerequisite: Geometry Recommendation: Minimum of 85 average in Geometry Honors or minimum of 93 average in Algebra 1

This course is designed to provide students with a strong background in algebraic concepts and processes. Topics include understanding algebraic and geometric representations of functions, quadratic, square root, and absolute value functions, rational and exponential functions, and geometric structure and patterns. This course provides a depth of rigor, complexity, challenges and creativity beyond the standard level course as outlined in the Profile of the South Carolina Graduate. This course is more challenging than standard level courses in order to foster growth for advanced learners.


## Algebra 3

Grades 10, 11, and 12
Prerequisite: Algebra 2
Recommendation: Minimum of 77 average in Algebra 2
Algebra 3 is a program of mathematical studies focusing on the development of the student's ability to understand and apply the study of functions and advanced mathematical concepts to solve problems. The course will include a study of polynomial, rational, exponential, logarithmic, and trigonometric functions. Graphing calculators are an integral part of all instruction. This course is intended as a bridge between Algebra 2 and Pre-Calculus.

Prerequisite: Algebra 1
Recommendation: Minimum of 93 average in Algebra 1
This course is designed to provide students with the study of visual patterns. Topics will include geometric structure, geometric patterns, geometry of location, geometry of size, and geometry of shape. This course provides a depth of rigor, complexity, challenges and creativity beyond the standard level course as outlined in the Profile of the South Carolina Graduate. This course is more challenging than standard level courses in order to foster growth for advanced learners.

## Pre-Calculus

413100CW
Grades 11 and 12
1 unit

## Prerequisite: Algebra 3 or Algebra 2 Honors with teacher recommendation Recommendation: Minimum of 80 average in Algebra 3

This course is designed to provide students with enhanced mathematical concepts and topics in the area of functions, sequences and series, conic sections, parametric representations, polar representations, and vectors.

## Pre-Calculus Honors

413100HW
Grades 11 and 12
1 unit
Prerequisite: Algebra 3 or Algebra 2 Honors with teacher recommendation Recommendation: Minimum of 85 average in Algebra 2 Honors or minimum average of 93 in Algebra 3

This course is designed to provide students with enhanced mathematical concepts and topics in the area of functions, sequences and series, conic sections, parametric representations, polar representations, and vectors. This course provides a depth of rigor, complexity, challenges and creativity beyond the standard level course as outlined in the Profile of the South Carolina Graduate. This course is more challenging than standard level courses in order to foster growth for advanced learners.

## SCIENCE

High school science, through a number of separate courses, includes instruction in the content areas of the South Carolina Curriculum Standards: Earth science, life science and the physical sciences which are chemistry and physics. A sound grounding in science strengthens many of the skills that people need to use every day, such as solving problems creatively, thinking critically, working cooperatively in teams, using technology effectively, and valuing lifelong learning.

Although only three science courses are required for graduation with a South Carolina High School Diploma, the South Carolina Commission on Higher Education recommends the following: Two units must be taken in two different fields of the physical, earth, or life sciences and selected from among biology, chemistry, physics, or earth science. The third unit may be from the same field as one of the first two units (biology, chemistry, physics and/or earth science) or from any laboratory science for which biology, chemistry, physics and/or earth science is a prerequisite. Courses in general or introductory science for which one of these four units is not a prerequisite will not meet this requirement. It is strongly recommended that students desiring to pursue careers in science, mathematics, engineering or technology take one course in all four fields: biology, chemistry, physics, and earth science.

While only three science courses are required for graduation, Clemson University and the University of South Carolina require chemistry or physics as one of the three lab sciences. All science courses at Lucy Beckham High School are lab sciences.

Advanced Placement courses are excellent preparation for college coursework and are highly encouraged. Students passionate about science may take as many as seven or eight science courses while at Lucy Beckham High School.

Students must pass Biology 1 in which a state-mandated End-of-Course Examination is administered.

The core sciences are considered to be Earth science, biology, chemistry and physics. The Lucy Beckham High School Science Department recommends that students planning to pursue a college major in engineering, premed, or a major in the sciences should take all four. Students may take more than one science course in a year.


Prerequisite: Ninth Grade - Algebra 1 or equivalent
This introductory laboratory-based course is designed to give students a sound background in the major biological concepts. Biology 1 is designed to be both academically rigorous and realistic for students pursuing entry into a four-year college. Topics in Biology 1 include the cell; molecular basis of heredity; biological evolution; interdependence of organisms; matter, energy and organization in living systems; and taxonomy. Laboratory activities provide numerous opportunities for students to develop science process skills, critical thinking, and an appreciation for the nature of science through investigative, hands-on lab activities. A state mandated End-of-Course Examination must be given to every student enrolled in this course.
The score will count $20 \%$ of the final grade.

## Biology 1 Honors

Grades 9 and 10

## Prerequisite: Ninth Grade - Algebra 1

Recommendation: Completion of an honors Eighth Grade Science course with a minimum grade of 90 and a Reading MAP score $>245$, a PSAT score $>1000$
Tenth Grade - Earth Science Honors
This introductory laboratory-based course is designed to give students a sound background in the major biological concepts. Biology 1 is designed to be both academically rigorous and realistic for students pursuing entry into a four-year college. Topics in Biology 1 Honors include the cell; molecular basis of heredity; biological evolution; interdependence of organisms; matter, energy and organization in living systems; and taxonomy. Laboratory activities provide numerous opportunities for students to develop science process skills, critical thinking, and an appreciation for the nature of science through investigative, hands-on lab activities. Biology 1 Honors requires more effort and in-depth learning and prepares the student for Advanced Placement Biology. A state-mandated End-of-Course Examination must be given to every student enrolled in this course. The score will count $20 \%$ of the final grade.

## Prerequisite: Biology 1 or Algebra 1 or equivalent <br> Recommendation: Grade of 77 or better in Algebra 1 or grade of 85 or better in Foundations in Algebra

Chemistry 1 provides an introduction to major chemistry principles and builds on concepts introduced in earth science. This is a mathematics-based course in which a working knowledge of algebra is critical for success. Through well-designed laboratory experiences students will master concepts, use problem-solving skills, and apply them to real-world situations. Topics included in the course are: chemical safety, atomic theory, the periodic system, chemical reactions and stoichiometry, gas laws, solutions and solubility, and acid base chemistry.
Investigative, hands-on lab activities that address the South Carolina Inquiry Standards are an integral part of this course. Chemistry 1 is the study of the sequential development of major principles with emphasis on a quantitative approach to problem solving, research and extensive laboratory experiences.

# Chemistry 1 Honors 

323100HW
Grades 9, 10, 11, and 12
1 unit

## Prerequisite: Biology 1 Honors or Algebra 1 or teacher placement Recommendation: Grade of 85 or better in mathematics and science courses

Chemistry 1 provides an introduction to major chemistry principles and builds on concepts introduced in earth science. This is a mathematics-based course in which a working knowledge of algebra is critical for success. Through well-designed laboratory experiences, students will master concepts, use problem-solving skills, and apply them to real-world situations. Topics included in the course are: chemical safety, atomic theory, the periodic system, chemical reactions and stoichiometry, gas laws, solutions and solubility, and acid base chemistry. Investigative, hands-on lab activities that address the South Carolina Inquiry Standards are an integral part of this course. Chemistry 1 Honors prepares a student for Advanced Placement Chemistry through an in-depth study of the sequential development of major principles with emphasis on a quantitative approach to problem solving, research and extensive laboratory experiences.

## Prerequisite: Eighth Grade Science

Earth Science is an applied, lab credit science course that emphasizes the relevance of local South Carolina events and topics, and how they relate to students. The goal of this course is to provide students with the scientific principles to understand the interrelationships of Earth's natural processes, to analyze and interpret data and evidence, and to create models that explain natural phenomena. Students will explore disciplines of chemistry, physics, geology, oceanography, meteorology, astronomy, biology, and sustainability as they develop crosscutting science skills that will carry over to all other science courses. As climate change, coastal processes, and resource conservation become increasingly more prevalent in global discussions, it will be important for students to understand the concepts and causes of our changing Earth.

Earth Science Honors
Grades 9, 10, 11, and 12
326500HW
1 unit

## Prerequisite: Grade of 85 or higher in Honors Eighth Grade Science or Grade of 90 or higher in Eighth Grade Science

Earth Science is an applied, lab credit science course that emphasizes the relevance of local South Carolina events and topics, and how they relate to students. The goal of this course is to provide students with the scientific principles to understand the interrelationships of Earth's natural processes, to analyze and interpret data and evidence, and to create models that explain natural phenomena. Students will explore disciplines of chemistry, physics, geology, oceanography, meteorology, astronomy, biology, and sustainability as they develop crosscutting science skills that will carry over to all other science courses. As climate change, coastal processes, and resource conservation become increasingly more prevalent in global discussions, it will be important for students to understand the concepts and causes of our changing Earth. Earth Science Honors is a challenging course that emphasizes science and engineering practices, inquiry-based learning, critical thinking and problem solving skills, and collaboration. With the accelerated pace of an honors class, students will have opportunities to enrich their knowledge and understanding by mastering content standards at a deeper level. Assessments, projects, and lab reports will reflect this extended knowledge.


## SOCIAL STUDIES

All social studies courses are aligned with the South Carolina Social Studies Academic Standards. To receive a South Carolina High School Diploma students must earn three units in social studies. United States History (1 unit), United States Government ( $1 / 2$ unit), and Economics ( $1 / 2$ unit) are required courses. The third unit must be a course designated as a social studies elective. These courses are designed to provide students with an understanding of the culture and history of the United States and the world around them while developing as informed, responsible citizens in a democratic society.

Advanced Placement Human Geography
Grades 9, 10, 11, and 12
Yearlong Skinny
Recommendation: Ninth Grade - Completion of an honors Eighth Grade Social Studies course with a minimum grade of 93 and a Reading MAP score $>245$, a PSAT score > 1000, or administrative approval
Tenth Grade - Twelfth Grades - Completion of a previous high school Honors Social Studies course with a minimum grade of 85

This course is designed to meet the standards set by the College Board. This college level course includes the study of population, migration and cultural patterns; economic development; conflict and diffusion, environmental interaction, political geography and organization of nations, regions, and change. Students enrolled in this course must be able to analyze primary sources including letters, documents, maps, essays, graphs, tables, and photographs. Students are also expected to write clearly and precisely. Independent research and outside reading are course requirements. Each student must take the Advanced Placement examination for possible college credit.

## Advanced Placement Psychology

## Recommendation: Completion of a previous Honors Social Studies or English course with a minimum grade of 85

This course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They will learn about the ethics and methods psychologists use in their science and practice. Each student must take the Advanced Placement examination for possible college credit.

Psychology

Grades 10, 11, and 12 Yearlong Skinny
1 unit
This course is designed to introduce students to the major concepts and principles of psychology. The course includes an emphasis on human growth and development, cognitive processes, personality, mental health and behavior disorder, and social psychology. Students will learn the basic skills of psychological research, develop individual and group research projects, and apply psychological concepts to their own lives. Students will also develop their writing skills.

# Advanced Placement World History 

## Recommendation: Completion of a previous high school Honors Social Studies course with a minimum grade of 85

This college level course is a survey of world history from the beginning of time to present day. Students enrolled in this course will examine key events in world history from a variety of perspectives. AP World History focuses on all regions of the world, including Asia, Africa and Latin America. Students will analyze primary sources, read maps, graphs, statistical tables, and secondary documents. Each student must take the Advanced Placement examination for possible college credit.

## World Geography

This course is designed to provide the student with an understanding of the major world regions and their relationship with the modern world. The course covers a regional focus with emphasis on physical geography, historical events, human geography and human-environment interaction. Each unit will involve exploring the political, cultural, and physical make-up of each of the world's major regions including North America, Latin America, South Asia, East Asia, Europe, the Middle East, North Africa, Sub-Saharan Africa, and Australia. Students will use information to discern position, opinion and bias, recognize cause and effect, make generalizations and inferences, evaluate relevance, identify differences and similarities, evaluate decisions and course of action, think critically, and recognize problems and solutions. The ultimate goal is to stimulate interest in world events while fostering an attitude of tolerance.

This course is designed to provide the student with an understanding of the major world regions and their relationship with the modern world. The course covers a regional focus with emphasis
on physical geography, historical events, human geography and human-environment interaction. Each unit will involve exploring the political, cultural, and physical make-up of each of the world's major regions including North America, Latin America, South Asia, East Asia, Europe, the Middle East, North Africa, Sub-Saharan Africa, and Australia. Students will use information to discern position, opinion and bias, recognize cause and effect, make generalizations and inferences, evaluate relevance, identify differences and similarities, evaluate decisions and course of action, think critically, and recognize problems and solutions. The ultimate goal is to stimulate interest in world events while fostering an attitude of tolerance. With the accelerated pace of an honors class, students will have opportunities to enrich their knowledge and understanding by exploring content standards at a deeper level.

World History
Grade 10 Yearlong Skinny

336000CW
1 unit

This course is designed to give students a basic understanding of world geography and world history and covers the time period from the Renaissance to the present. The students will study the political, economic, cultural, and social events that shaped the world in their geographic context. Students will create individual and group projects throughout the course and develop their writing skills.

World History Honors

Grade 10 Yearlong Skinny
This course is designed to give students a basic understanding of world geography and world history and covers the time period from the Renaissance to the present. The students will study the political, economic, cultural, and social events that shaped the world in their geographic context. With the accelerated pace of an honors class, students will have opportunities to enrich their knowledge and understanding by exploring content standards at a deeper level. Students will create individual and group projects throughout the course and develop their writing skills.


## WORLD LANGUAGES

The study of a world language is an important component in a well-rounded college preparatory program. A minimum of two units of the same language is required for admission to every statesupported four-year college or university in South Carolina. Many colleges and universities, including Clemson and the College of Charleston, strongly recommend three units of the same world language.

Entering college freshmen are required to take a language placement examination which determines at what level the student should be placed. Therefore, it is highly recommended that students preparing for a four-year college follow a three-to-five unit sequence. In addition, it is recommended that college-bound students be enrolled in a world language course during their final years of high school. Students are strongly advised to take level two of their foreign language as soon as possible after level one, and to schedule subsequent levels likewise.

The ability to understand and express oneself comfortably in a foreign language is the result of an extended sequence of language study. Foreign language courses are divided into levels:

Novice Levels 1 and 2
Intermediate Levels 3 and 4
Advanced Placement
The modern language curricula are designed to develop students' abilities to communicate in the target language orally and in writing. Interpretive, interpersonal and presentational language tasks are required at all levels for students to practice and demonstrate emerging language proficiency. All language course goals are aligned to the indicators of the South Carolina Academic Standards for Modern and Classical Languages.

It is strongly recommended that students have at least a 77 average in their last English class before beginning the study of a world language. To improve the chances of success in language classes, students are advised to retake or audit a class if they score below a 77.

Based on student interest we hope to expand world language offerings as we grow.

## French 1

361100CW
Grades 9, 10, 11, and 12
Yearlong Skinny
1 unit

## Recommendation: Minimum of 77 average in last English class

This course is the first part of the Novice Level of French studies. It is designed to develop basic language skills through activities focusing on meaningful personal communication. Beginning level students work to understand language in selected contexts, negotiate meaning from simple authentic texts, and express themselves orally and in writing. Students study and compare the cultures and customs of French-speaking people around the world.

## French 2

361200CW
Grades 9, 10, 11, and 12
Yearlong Skinny
1 unit

## Prerequisite: French 1

This course is the second part of the Novice Level of French studies. Students continue to develop basic French language skills through activities focusing on personal communication in an expanded number of contexts. Through authentic listening and reading activities, students increase their language comprehension and learn more about daily life and culture in French speaking Countries.

## French 3

## Prerequisite: French 2

French 3 is designed for students who do not plan to continue their French studies at the high school level. This first part of the Intermediate Level of French focuses on practice and expansion of established speaking and listening skills, as well as emergent reading and writing ability, narrating in the present, past, and future. Students compare the cultures and customs of Frenchspeaking countries around the world and make connections to other subject areas.

## Prerequisite: French 2

Recommendation: Minimum of 85 average in French 2
French 3 Honors is the first part of the Intermediate Level of French language studies and is designed for motivated language students who wish to continue beyond three levels in high school. In this class, students are given more complex listening and reading tasks in which they use high-level thinking skills to draw meaning from authentic text and audio materials. Students engage in intermediate-level writing and speaking tasks, narrating in the present, past, and future. Students compare the cultures and customs of French-speaking countries around the world and make connections to other subject areas.

German 1
Grades $9,10,11$, and 12
1 unit

## Recommendation: Minimum of 77 average in last English class

This course is the first part of the Novice Level of German studies. It is designed to develop basic German language skills through activities focusing on meaningful personal communication. Beginning level students work to understand German in selected contexts, express themselves orally and in writing, and negotiate meaning from reading authentic texts. Students study and compare the cultures and customs of German-speaking Europe.

German 2
Grades 10, 11, and 12
1 unit

## Prerequisite: German 1

This course is the second part of the Novice Level of German studies. Students continue to develop basic German language skills through activities focusing on personal communication and German culture. Students expand the number of contexts in which they can function orally and in writing. Through listening and reading they learn more about daily life and culture in Germanspeaking Europe today.


## Recommendation: Minimum of 77 average in last English class

This course is the first part of the Novice Level of Spanish studies. It is designed to develop basic language skills through activities focusing on meaningful personal communication.
Beginning level students work to understand language in selected contexts, negotiate meaning from simple authentic texts, and express themselves orally and in writing. Students study and compare the cultures and customs of Hispanic countries around the world.

## Spanish 2

Yearlong Skinny
1 unit

## Prerequisite: Spanish 1

This course is the second part of the Novice Level of Spanish studies. Students continue to develop basic language skills through activities focusing on personal communication in an expanded number of contexts. Through authentic listening and reading activities, students increase their language comprehension and learn more about daily life and culture in Hispanic Countries.

## Spanish 3

Grades 10, 11, and 12

## Prerequisite: Spanish 2

This first part of the Intermediate Level of Spanish focuses on practice and expansion of established speaking and listening skills, as well as emergent reading and writing ability, narrating in the present, past, and future. Students compare the cultures and customs of Hispanic countries around the world and make connections to other subject areas.

Yearlong Skinny

## Prerequisite: Spanish 2 <br> Recommendation: Minimum of 85 average in Spanish 2

Spanish 3 Honors is the first part of the Intermediate Level of Spanish language studies and is designed for motivated language students who wish to continue beyond three levels in high school. In this class, students are given more complex listening and reading tasks in which they use higher-level thinking skills to draw meaning from authentic text and audio materials.
Students engage in intermediate-level writing and speaking tasks, narrating in the present, past, and future. Students compare the cultures and customs of Hispanic countries around the world and make connections to other subject areas.

## VISUAL AND PERFORMING ARTS

Quality arts education is an essential part of a complete education for all students and critical to their successes in the 21st Century. The arts are central to the learning process. Children begin learning through scribbling, making up rhythmic sounds, moving and dancing, and playing creative games. An effective arts program builds on these early experiences and extends them through a curriculum that engages students in the comprehensive, sequential study of the arts. All courses are offered as electives.

## ART

3-D Design 1
350500CW
Grades 10,11 , and 12
1 unit

## Prerequisite: Art 1

Three-Dimensional Design 1 is a foundations sculpture course. In this course, students will work with additive and subtractive processes to manipulate and build sculptural forms.
Students will explore techniques and how materials such as paper, wood, wire, and clay, can be transformed to create art in-the-round.


# 3-D Design 2 Honors 

Grades 10, 11, and 12
1 unit

## Prerequisite: 3-D Design 1

Three-Dimensional Design 2 is an honors sculpture course that builds on prior knowledge from all previous art courses. Students will continue to work with materials such as paper, wood, wire, and found objects and will be introduced to ceramics (hand-building and wheel-throwing) and jewelry making. This is a fast-paced, hands-on studio environment that provides a greater range of artistic freedom.

Art 1
350100CW
1 unit
Grades 9, 10, 11, and 12
Art 1 is a foundational course that is a prerequisite for all other art course offerings. Major topics of study include the elements and principles of design, composition, cultural heritage (art history), and critical analysis. Studio provides a chance for creative expression and art production through drawing, printmaking, painting, and graphic design.

Art 2
Grades 10, 11, and 12

## Prerequisite: Art 1

Art 2 is a two-dimensional design course that provides an introduction to the principles and techniques in drawing. Students will gain a working knowledge of line, shape, perspective, volume, and composition as it relates to life drawing. Various traditional media techniques will be explored throughout the semester, with special emphasis on graphite, charcoal, pen and ink, pastels, and colored pencil. The main focus of the course is on building observational and technical skills in drawing.


## Prerequisite: Art 2

Art 3 is a two-dimensional honors design course that is intended for advanced visual arts students who wish to refine their skills with two-dimensional materials. This course builds on prior knowledge of materials, processes, and theory in a studio environment that provides a greater range of artistic freedom. Students will continue to work with traditional art materials such as colored pencils, watercolor, pen and ink, and acrylic paint. Students will also be introduced to a range of experimental artistic materials and processes such as batik, encaustic, and printmaking.

## Media Arts 1

1 unit
Media Arts 1 is a foundations course for students wishing to pursue a career path in film, web, or graphic design. This course will acquaint students with the aesthetic and technical concepts involved in the creation of video and audio media. Students will analyze, interpret, and create media products containing images, sound, music, and language in a variety of formats including print, web sites, and moving images.

## Art: Photography 1

456600CW
Grades 10, 11, and 12

## Prerequisite: Art 1 or Media Arts 1

Requirements: A 35mm traditional film SLR camera which has manually operated focus and Exposure, a SLR Digital Camera and a $\$ 75$ fee for all materials: film, photographic paper, developing chemicals, etc. Financial assistance may be available to students who can demonstrate need.

Photography 1 is a course designed for the student who is interested in the study of photography as an art form. The proper use of manual 35 mm cameras as well as digital SLR cameras is addressed. Major topics of study include a survey of photographic history, composition, technical skills with camera operation, traditional darkroom and computer lab (digital) production, presentation of artwork, and career studies in the field of photography. Students may use their own cameras or may be issued a school camera for use in the course. Students are responsible for replacement costs of school cameras if lost or damaged.Marching Band with PE

Prerequisite: Audition
Requirements: Enrollment in Band Rehearsal and participation in Marching Band and competitive events

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

## Band 2 Honors

## Prerequisite: Audition

Requirements: Enrollment in Band Rehearsal and participation in Marching Band and competitive events

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

## CHORUS

Chorus 1 Honors

Prerequisite: Audition
Requirements: Enrollment in Chorus 2 Honors (2 ${ }^{\text {nd }}$ semester) and participation in competitive events. Enrollment in Health/Arts for $1 / 2$ unit credit

Students will learn standard chorus repertoire. Emphasis is placed on large ensemble singing skills, music reading skills, and an understanding of a wide variety of music. Students perform advanced, complex musical selections and perform in competitive events. Practices after school are required.

Prerequisite: Audition
Requirement: Enrollment in Chorus 4 Honors (2 $2^{\text {nd }}$ Semester) and participation in competitive events. Enrollment in Next Gen Personal Finance for $1 / 2$ unit credit.

Students will learn standard chorus repertoire. Emphasis is placed on large ensemble singing skills, music reading skills, and an understanding of a wide variety of music. Students perform advanced, complex musical selections and perform in competitive events. Practices after school are required.

## ORCHESTRA

## Strings 1 Honors

355100HW
Grade 9
1 unit

Prerequisite: Audition
Requirements: Enrollment in Strings Rehearsal 1 (semester 2) and participation in all concerts and public Performances

This course is a performance-oriented program where high level musicianship, technique, and performance-related music theory skills will be emphasized. Students perform advanced, complex musical selections and perform in competitive events. Practices after school are required.

## Strings 2 Honors

1 unit

## Prerequisite: Audition

Requirements: Enrollment in Strings Rehearsal 2 (semester 2) and participation in all concerts and public performances

This course is a performance-oriented program where high level musicianship, technique, and performance-related music theory skills will be emphasized. Students perform advanced, complex musical selections and perform in competitive events. Practices after school are required.

## THEATRE

Theatre 1
452100CW
Grades 9, 10, 11, and 12
1 unit

This introductory course exposes students to the process of creating theatre and helps them gain confidence in their presentation skills. Topics of study include movement, voice, characterization, basic technical theatre, script analysis and writing.

## Theatre 1 Honors

452100HW
Grades 9, 10, 11, and 12
1 unit

## Prerequisite: Application and Audition

This course is for intermediate level students who have experience in school, community, or church performances and have mastered basic performance skills. Students explore a variety of dramatic literature and acting techniques, as well as scene writing, theatre production and careers in theatre. Students showcase their skills in a public final production.

Theatre 2
Grades 10, 11, and 12

452200CW
1 unit

## Prerequisite: Theatre 1 or Application and Audition

This course is for intermediate level students who have mastered basic acting skills. Students will explore a variety of dramatic literature and acting techniques, as well as scene writing, theatre production and careers in theatre. Students showcase their skills in a public final production.

## Theatre 2 Honors

Grades 10, 11, and 12

## Prerequisite: Theatre 1 or Theatre 2 and Audition

This honors level course is for intermediate-advanced students who have passed a rigorous audition. Advanced acting, theatre history, and production will be emphasized. As members of the Beckham Honors Acting Troupe, students will be expected to participate as performers and crew members in co-curricular theatre activities such as plays and competitions. Students have weekly mandatory after school rehearsals. Costs associated with trips and competitions will be the responsibility of the student but fundraising opportunities will be provided.

# Theatre 3 Honors 

452300HW
Grades 11 and 12

## Prerequisite: Theatre 1 or Theatre 2 and Audition <br> Requirement: Participation in plays, competitions and after school rehearsals

This honors level course is for the advanced student who has passed a rigorous audition. Advanced acting, theatre history, and production will be emphasized. As members of the Honors Theatre Ensemble, students will be expected to participate as performers and crew members in co-curricular theatre activities such as plays and competitions. Students have mandatory weekly rehearsals afterschool. Costs associated with trips and competitions will be the responsibility of the student but fundraising opportunities will be provided.

## OTHER FINE ARTS

## Guitar 1

458000CW
1 unit
Requirement: Students must purchase or rent their own acoustic guitar
This course introduces the skills needed for arranging, performing, and responding to guitar music. It also connects musical ideas and works to personal experience, careers, culture, history, and other disciplines. An emphasis is placed on producing a characteristic tone, performing with technical accuracy, and using music notation in individual and group performance. Target proficiency level: Novice Mid - Intermediate Low

## Piano 1

454100CW
Grades 9, 10, 11, and 12
1 unit
This course introduces the skills needed for arranging, performing, and responding to piano music. It also connects musical ideas and works to personal experience, careers, culture, history, and other disciplines. An emphasis is placed on producing a characteristic tone, performing with technical accuracy, and using music notation in individual and group performance. Target proficiency level: Novice Mid - Intermediate Low


## PHYSICAL EDUCATION

One unit of credit in physical education is required in order to receive a South Carolina High School Diploma. Physical Education 1, which includes a personal fitness and wellness component and a lifetime fitness component, meets this requirement. The only exceptions to this unit requirement in physical education are for students substituting JROTC, Marching Band, and students having a physical disability certified by a doctor. Certification of disabilities must be on file with the principal.

## Physical Education 1

Grades 9, 10, 11, and 12

1 unit

This Physical Education course is a performance-based class that is mandatory for graduation in the State of South Carolina. This co-educational course is designed with a variety of activities to provide students with choice curriculum along with the skills to live a healthy lifestyle. This course is designed to focus on and help the student achieve and maintain a health enhancing lifestyle. Students will participate in three basic fitness categories: cardio-respiratory fitness, muscular strength and endurance and flexibility on a daily basis.

## Physical Education 2 - Physical Conditioning

## Prerequisite: Physical Education 1 <br> Recommendation: Minimum of 80 average in Physical Education 1

This course is designed for all students who want to improve their personal fitness. The course will include personal physical training (weight training and conditioning) plus cardio fitness, balance, coordination, speed, agility and flexibility. Utilizing wellness, students will be exposed to different tools and techniques learned in class to reach the proper development of optimal fitness levels. Assessment is based on participation, student improvement, and knowledge of technique and safety. This course may not be used in lieu of Physical Education 1 to satisfy the graduation requirement.

# Physical Education 3 - Weights and Strength Training 

Prerequisite: Physical Education 1; recommendation of Strength Coach or Athletic Director

This course is designed for student-athletes who are interested in improving their overall fitness through weights/strength training. Activities include weight training, flexibility training, speed development and cardiovascular training. Areas discussed will include weight control, proper diet, nutrition, basic anatomy, and physiology. This course may not be used in lieu of Physical Education 1 to satisfy the graduation requirement.

## Physical Education 4 - Weights and Strength Training

## Prerequisite: Physical Education 1; recommendation of Strength Coach or Athletic Director

This course is designed for student-athletes who are interested in improving their overall fitness through weights/strength training. Activities include weight training, flexibility training, speed development and cardiovascular training. Areas discussed will include weight control, proper diet, nutrition, basic anatomy, and physiology. This course may not be used in lieu of Physical Education 1 to satisfy the graduation requirement.

## HEALTH EDUCATION

Health education enables students to gain the tools necessary to achieve and maintain total wellbeing. The program provides information to students to help them live long, energetic, and productive lives. Health education provides information in such a way that it influences people to change attitudes so they take positive action about their health.

## Family and Community Health

340100CW
Grades 10, 11, and 12
The goal of Health Education is to help establish patterns of behavior that will assist a person in achieving complete health. Complete health is accomplished by having a balance of physical, mental, social, and emotional well-being. Knowledge components are addressed through seven different content sections in accordance with South Carolina's Academic Standards for Health and Safety Science. Upon completion, students should be able to demonstrate an understanding of the factors necessary to maintain health and wellness.

Grade 9<br>Yearlong Skinny Paired w/ILT

$1 / 2$ unit

## Graduation Requirement

The goal of Health Education is to help establish patterns of behavior that will assist a person in achieving complete health. Complete health is accomplished by having a balance of physical, mental, social, and emotional well-being. Knowledge components are addressed through seven different content sections in accordance with South Carolina's Academic Standards for Health and Safety Science. Upon completion, students should be able to demonstrate an understanding of the factors necessary to maintain health and wellness.

## CAREER AND TECHNOLOGY EDUCATION

Career and Technology Education includes courses and career majors which serve the total school population through relevant curricula oriented toward providing career directions, a sound foundation for advanced study in a variety of career paths, and the development of employability skills. Curriculum offerings provide course paths in all 16 of the federal occupational clusters. Students who complete requirements in a specific CTE pathway are considered majors or "completers" in that pathway. Students are encouraged to select a career path and choose courses which prepare them for future education and career success. Computer skills are essential in every area and are required for graduation. Project Lead The Way pathways in Engineering and Biomedical Science "engage students in hands-on activities, projects and problems; empower them to solve real-world challenges; and inspire them to reimagine how they see themselves."

## Discovering Computer Science

Discovering Computer Science introduces computer science topics with an emphasis on computational thinking and problem solving. Students will be empowered to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun. Students will create their own websites, apps, and games.

## Fundamentals of Computing

Fundamentals of Computing is designed to allow students to explore a variety of computer science topics such as web design, human computer interactions, programming, and problem solving. Optional topics include mobile applications, robotics, and digital animation. Students will develop critical thinking, logic, and problem-solving skills relevant to today's technology.

Grades 9, 10, 11, and 12
Building Construction prepares individuals to apply technical knowledge and skills in the building, inspecting, and maintaining of structures and related properties. Building Construction includes masonry, carpentry, electrical and power transmission installation, building/construction finishing, management, inspection, and other construction-related applications.

Intro to Vet Science "Agricultural and BioSystems Science"<br>569100CW<br>1 unit

This course is required for entry into the Veterinary Science Program. Essential concepts related to skills needed to pursue a career in Veterinary Medicine will be covered. Students will learn the basic principles of animal science as well as animal roles in society, veterinary terminology, issues in the animal industry, personal safety and animal handling.

## Medical Terminology

554000CW
Grades 10, 11, and 12

Prerequisite: One of the following (Sports Med 1, Health Science 1, Principles of Biomed)

Medical Terminology is designed to develop a student's working knowledge of the language of health professions. Students acquire word-building skills by learning prefixes, suffixes, roots, combining forms, and abbreviations. Utilizing a body systems approach, students will define, interpret, and pronounce medical terms relating to structure and function, pathology, diagnosis, clinical procedures, and pharmacology. Students will use problem-solving techniques to assist in developing an understanding of course concepts.


# PLTW Human Body Systems Honors 

Prerequisite: Successful completion of Principles of Biomedical Science and teacher recommendation

The human body is a complex system requiring care and maintenance. This course will engage students in the study of basic human physiology, especially in relationship to human health. Students will use a variety of monitors to examine body systems (respiratory, circulatory, nervous, etc.) at rest and under stress, and observe the interactions between the various body systems. Students will use Logger Pro software to design and build systems to monitor body functions.

## PLTW Introduction to Engineering Design

## Prerequisite: Successful completion of Algebra 1 or Intermediate Algebra

Introduction to Engineering Design is an introductory course that develops student problem solving skills with emphasis placed on the development of three-dimensional computer models. Students will learn a problem-solving design process and how it is used to design products. A Computer-Aided Design System (CAD) will be used to create, analyze, and evaluate the designs. The techniques learned and equipment used will be utilized in other pre-engineering courses where students will build upon the skills they acquired in this course.

## PLTW Introduction to Engineering Design Honors

Grades 9, 10, 11, and 12

## Prerequisite: Successful completion of Algebra 1 or Intermediate Algebra with a grade of 80 or above

Introduction to Engineering Design is an introductory course that develops student problem solving skills with emphasis placed on the development of three-dimensional computer models. Students will learn a problem-solving design process and how it is used to design products. A Computer-Aided Design System (CAD) will be used to create, analyze, and evaluate the designs. The techniques learned and equipment used will be utilized in other pre-engineering courses where students will build upon the skills they acquired in this course.

## PLTW Principles of Biomedical Science Honors

Grades 9 and 10

1 unit

## Prerequisite: Algebra 1

This course provides an introduction to the biomedical sciences through hands-on projects and problems. Student work involves the study of human medicine, research processes and an introduction to bioinformatics. Students investigate the human body systems and various health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. Key biological concepts including homeostasis, metabolism, inheritance of traits, feedback systems, and defense against disease are embedded in the curriculum. Engineering principles including the design process, feedback loops, fluid dynamics and the relationship of structure to function are incorporated in the curriculum where appropriate. The course is designed to provide an overview of all the courses in the Biomedical Science Program and to lay the scientific foundation necessary for student success in subsequent courses.

## PLTW Principles of Engineering Honors

## Prerequisite: Introduction to Engineering Design and Algebra 2 or concurrent enrollment in Algebra 2

Principles of Engineering is a broad-based survey course designed to provide exposure to a variety of engineering topics and systems. Students' problem-solving skills will be enhanced through application of the design process. Hands-on projects may include design and construction of a compound simple machine, a virtual bridge, a computer controlled marble sorter, and a pin pong ball launcher. These projects provide "real world" applications of the engineering theory taught as part of the class. Topics include simple machines and gears, fluid systems, control systems, electrical systems, statics, strength of materials, thermodynamics, and kinematics.

Prerequisite: Biology 1
Sports Medicine 1 emphasizes sports medicine career exploration and the prevention of athletic injuries, including the components of exercise science, kinesiology, anatomy, principles of safety, first aid, cardiopulmonary resuscitation (CPR), and vital signs. Subject matter also includes legal issues, members of the sports medicine team, nutrition, protective sports equipment, environmental safety issues, taping and wrapping, mechanisms of injury, and application of other sports medicine concepts. Students interested in healthcare careers in athletic training, physical therapy, medicine, exercise physiology, nursing, biomechanics, nutrition, psychology, and radiology will benefit from this course.


## LUCY BECKHAM HIGH SCHOOL LEADERSHIP ACADEMY COAST GUARD JUNIOR ROTC *Still under development

## Coast Guard JROTC 1 \& 2

Grades 9, 10, and 11

375105CW/375205CW
1 unit each

This course introduces topics in leadership, citizenship, nautical science, close order drill and general military knowledge.

## Coast Guard JROTC 3 \& 4

375305CW/375405CW
Grades 10, and 11
1 unit each
This course introduces topics in leadership, citizenship, nautical science, close order drill and general military knowledge.

## OTHER ELECTIVES

Advanced Placement Computer Science Principles
477500AW
1 unit Grades 9, 10, 11, and 12 Yearlong Skinny

## Prerequisite: Geometry Honors

AP Computer Science Principles introduces students to the central ideas of computer science instilling the ideas and practices of computational thinking and inviting students to understand how computing changes the world. This rigorous course promotes deep learning of computational content, develops computational thinking skills, and engages students in the creative aspects of the field.
Students are encouraged to apply creative processes when developing computational artifacts and to think creatively while using simulations to explore questions that interest them. Rather than teaching a particular programming language or tool, the course focuses on using technology and programming as a means to solve computational problems and create exciting and personally relevant 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. Each student must take the Advanced Placement examination for possible college credit.

# Next Gen Personal Finance 

This course introduces topics in personal finance, including taxes, checking and saving accounts, paying for college, types of credit, managing credit and debt, investing, insurance, and budgeting. Emphasis is placed on these concepts in the context of rapidly changing technology, public policy, and their own goals and objectives. This is not a CTE course.

