2020–2021

Academic Opportunities Guide

Students FIRST

Florence 1 Schools

Dear Parents and Students:

Positive changes are taking place throughout Florence 1 Schools.

Many of these changes are designed to open doors to new academic opportunities and experiences. It's why our new slogan is "**Students First**."

Our goal is to help position every student for his or her own version of success.

By offering a valuable combination of required courses and modern electives, we're actively preparing all students for the evolving job market, and hopefully, inspiring them with new and interesting options.

This Academic Opportunities Guide contains expectations mandated by the State of South Carolina, such as high school diploma requirements, college entrance requirements, and career majors. It also outlines articulation credits. Use it as a tool to help customize your Graduation Plan and to help you think boldly about the direction of your future.

Steve Jobs once said, "The only way to do great work is to love what you do."

I look forward to supporting you on this academic journey. Together, **We Are 1**.

Respectfully,

Richard O'Malley

Dr. Richard O'Malley SUPERINTENDENT

Florence 1 Schools

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Table of Contents:

The mission of Florence One School is Students First! This publication is intended as an index of courses offered in Florence One School's high schools. Students must read this information carefully and be prepared to complete the Individual Graduation Plan (IGP). This catalog describes required and elective courses. Parents and students should inquire at the different high schools for additional course selections. **It is the responsibility of parents and students to be aware of graduation requirements.**

This course catalog should not be viewed as a contract, but as a guideline for parents and students. **Majors, programs, course offerings, and other information may be added and/or deleted by the district administration subject to new regulations or funding availability.**

MINIMUM GRADUATION REQUIREMENTS FOR THE STATE HIGH SCHOOL DIPLOMA

GRADUATION REQUIREMENTS 24 CREDITS		**PROMOTION REQUIREMENTS FOR EACH GRADE**	
Subject	**Units Required**	**Grade-Level**	**Credits Required**
English/Language Arts	4 units		
Mathematics	4 units	**To Tenth Grade**	5 Credits
Science	3 units	English 1 (1 unit) Math (1 unit) Additional Credits (3 units)	
U.S. History and Constitution	1 unit		
Economics	.5 unit		
U. S. Government	.5 unit		
Other Social Studies	1 unit	**To Eleventh Grade**	11 Credits
Physical Education or ROTC	1 unit		
Computer Science	1 unit	English 1 & 2 (2 units) Math (2 Units) Science (1 unit) Social Studies (1 unit) Additional Credits (5 units)	
World Language **OR** Career and Technical Education	1 unit		
Electives	7 units		
CORE UNITS	17 units	**To Twelfth Grade**	16 Credits
TOTAL UNITS required for graduation	**24 UNITS**	A student must have earned at least 16 units and be able to earn the appropriate units for graduation within the district by the end of the regular school term.	

- **One of the three science units must be Biology 1.**
- **A student must complete three or four units of elective credits in a specified program to complete a major. Units required in the core courses for graduation cannot be used to achieve the major.**
- **A student's Individual Education Plan (IEP) takes precedence over the Individual Graduation Plan (IGP).**

It is the policy of Florence One Schools that no person, on the basis of race, color, religion, national origin or ancestry, age, sex, marital status, political affiliations, homelessness, sexual preference, disability, or disadvantaged should be discriminated against, excluded from participation in, denied the benefits of, or otherwise subjected to discrimination in any program or activity.

General Course Information for Parents and Students

Course Load

Students in grades 9-11 are required to take eight (8) credit bearing courses.
Students in grade 12 are required to take a minimum of six (6) credit bearing courses.
All students are required to take an English and Math course during their senior year, additional courses and electives are available to meet this requirement.

Schedule Changes

All schedule changes must be requested by **July 1st**. After this date, approval for a change must come directly from the principal or his/her designee.
Changes to a student's schedule may be requested for the following reasons only:

- A required course for graduation or promotion has been omitted from the schedule.
- Credit for the course has been earned previously, for example, during summer school or credit recovery.
- A student has not passed the prerequisite for the course
- All required courses are scheduled in the same semester or a similar hardship occurs.
- A transfer student requires a level change due to newly received information.
- An error has been made by the school.
- A newly documented medical condition makes a course unsuitable for a student.

Class Withdrawal

- A student who withdraws from a course within three days of a 45-day course, five days within a 90-day course or ten days within a 180-day course will do so without penalty (WP).
- A student who withdraws from a course after the specified time (3, 5 or 10 days) will be assigned a WF. The F (50) will be calculated in the student's overall GPA.
- The 3, 5, 10-day limitation for withdrawing from a course without penalty does not apply to course or level changes initiated by the administration.

Retaking a Course

- Only courses in which a grade of "D" or "F" was earned can be retaken.
- The course in which the "D" or "F" was earned can only be retaken in the same academic year or no later than the next academic year.
- The student's transcript will reflect all courses taken and the grades earned.
- Students are eligible to recover a class through credit recovery if they have received a grade of 50 – 59 in the course that school year.

One exception to the above: Students taking courses for Carnegie units prior to entering the 9th grade year may retake these courses at the same difficulty level during their 9th grade year regardless of the grade that was earned. In this case **ONLY** one course attempt and the highest grade will be used in figuring the student's GPA; however, all course attempts from middle and high school will show on the transcript.

Graduation Information

All courses used to satisfy promotion requirements must meet South Carolina High School Diploma requirements. Only those students who pass **all** the units required for a 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 SC State High School Diploma **are allowed** to participate in the commencement exercises and receive a certificate of achievement. All special education students should meet with their IEP teams to discuss the requirements for this certificate of achievement.

Honor Graduates*

Board of Trustees	4.5 and above
Double Cord	4.0 – 4.49
Single Cord	3.0 – 3.99

*Based on the SC State Uniform Grading Scale (UGS)

Grade Reporting

Report cards are issued at the end of each nine weeks. Interim reports are issued at the middle of each nine weeks to inform parents of the student's progress.

Grading System

As a part of the grading policy mandated by the state, consistent numerical breaks for grades, weightings for specified courses, and a conversion chart for computing grade point ratios were developed. The grading scale is shown below.

A	**90 - 100**
B	**80 - 89**
C	**70 - 79**
D	**60 - 69**
F	**0 - 59**

Class Rank

Class rank will be determined by ranking students' GPA from highest to lowest. Computations will not be rounded to a higher number. Class valedictorian will be the student with the highest GPA and the salutatorian will be the student with the second highest GPA. The official class rank will be determined at the conclusion of the senior year. Marshalls will be determined at the end of the third nine weeks of the junior year.

Grade Point Average (GPA)

The South Carolina Uniform Grading Scale (UGS) and system for calculating GPA and class rank applies to **all** courses carrying Carnegie units, including those earned at the middle school level. All numerical grades (including FA, WF, and dual enrollment) will be calculated into the student's GPA.

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

Designation of Course Levels

College Prep (CP)
The difficulty of the skills and concepts presented is generally at grade level.

Honors (H)
An honors course is intended for the student who exhibits superior ability in the course content area and places emphasis on critical and analytical thinking, rational decision-making and inductive and deductive reasoning.

Advanced Placement (AP)
These are college level courses. Enrolled students are required to take the appropriate advanced placement exam.

AP-Prep
AP-Prep courses will cover additional topics to prepare students for Advanced Placement (AP) courses and is open only to students registered for the corresponding AP subject course in the following semester.

International Baccalaureate (IB) – Wilson High School The International Baccalaureate Diploma Program is a rigorous college prep curriculum for self-motivated and achievement-oriented students. The IB Diploma Program is a two-year curriculum in which eleventh and twelfth grade students take courses and examinations from six groups of the IB curriculum.

IB Middle Years Program (MYP) – Williams Middle School and Wilson High School The IB MYP Program is an interdisciplinary curriculum for students in grades 7-10 that provides the academic preparation for the International Baccalaureate Diploma Program.

Dual Credit (DC) Dual credit courses are defined as those courses for which the student may simultaneously receive a Carnegie unit as well as college credit. To enroll in these classes, students must meet minimum requirements determined by the college. *See your counselor for a list of approved dual credit courses and procedures.*

Individual Graduation Plan (IGP) Throughout a student's four years in high school, he/she will work to complete all the courses required for graduation. Students will look at many career options, then choose a cluster and a major. Students, parents, and counselors will work together to develop an Individual Graduation Plan (IGP) that will outline the classes the student will take each year. The student's IGP will include courses required for graduation, as well as electives needed to achieve their major. **This will be reviewed annually.**

Note: Majors, course offerings and other information may be added and/or deleted by the school administration subject to funding availability of F1S.

Minimum Four-Year College Preparatory Course Prerequisite Requirements for Colleges and Universities in South Carolina:

- **FOUR UNITS OF ENGLISH:** Completion of **College Preparatory English 1, 2, 3** and **4.**
- **FOUR UNITS OF MATHEMATICS:** These include **Algebra 1, Geometry**, **and Algebra 2.** The fourth, higher level course should be selected from pre-calculus, calculus, probability and statistics, or a capstone mathematics course and should be taken during the senior year.
- **THREE UNITS OF LABORATORY SCIENCE:** Two units must be taken in two different fields of the physical, earth, or life sciences and selected from among **biology, chemistry or physics.** The third unit may be from the same field as one of the first two units (**biology, chemistry, earth science, or physics)** or from **any laboratory science** for which **biology** and/or **chemistry** is a **prerequisite.** Courses in earth science, general physical science, or introductory or general environmental science for which biology and/or chemistry is not a prerequisite will not meet this requirement. It is strongly recommended that students take physical science (taught as a laboratory science) **as a prerequisite** to the three required units of laboratory science outlined in this section. **It is also strongly recommended that students who desire to pursue careers in science, mathematics, engineering or technology take one course in all three fields.**
- **TWO UNITS OF THE SAME WORLD LANGUAGE:** Most colleges require three units. Refer to the admission requirements of the college or university of your choice for the number of world language units needed.
- **THREE UNITS OF SOCIAL SCIENCE**: One unit of **U.S. History** is required; a half unit of **Economics** and a half unit in **Government** and one additional Social Studies elective are required for high school graduation.
- **ONE UNIT OF VISUAL AND/OR PERFORMING ARTS:** One unit in Appreciation of, History of, or Performance in one of the fine arts.
- **TWO UNITS OF ELECTIVES:** Two units must be taken as electives. A college preparatory course in **Computer Science (i.e., one involving significant programing content, not simply keyboarding) is strongly recommended for this elective.** Other acceptable electives include college preparatory courses in **English; visual and/or performing 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 2.**
- **ONE UNIT OF PHYSICAL EDUCATION OR ROTC**

Minimum Requirements for Admission to South Carolina Technical Colleges:

- Applicants must possess a high school diploma or its equivalent or must be 18 years old to be considered for admission into curriculum programs and courses offered by the college.
- Technical Colleges use placement examinations to help students identify what level of courses will best fit into their educational plans. (Check the college for specific testing requirements)
- Eligible 11th and 12th grade students who desire to enroll in college course(s) concurrently with their high school classes must have written authorization of their parent(s) and high school principal.
- Additional information is available online at http://www.sctechsystem.com.

Parents and students should contact the admissions office of the college or university the student wishes to attend concerning course requirements for admissions.

NCAA Eligibility Considerations:

The National Collegiate Athletic Association (**NCAA**) has policies regarding athletic eligibility for Division I and Division II schools. The CORE GPA/Test Score Indices are available online. http://www.eligibilitycenter.org

South Carolina Merit Based Scholarships

Palmetto Fellows Scholarship (towards a four year degree) Students can receive up to $6,700 in the freshman year and up to $7,500 for the sophomore, junior and senior years at an eligible four year college or university in South Carolina. **Students must meet the following requirements for Early Awards (Deadline is April 15th of Senior Year):**

- Score **1200** on SAT Critical Reading and Math, or **27** on ACT Composite;
- **3.5** GPA on the SC UGP at the end of the junior year; and rank in the top **6%** of the class at the end of either the sophomore or junior year.

OR

- Score **1400** on SAT Critical Reading and Math, or **32** on ACT Composite,
- **4.0** GPA on the SC UGP

Students must meet the following requirements for Late Awards (Deadline is June 15th after graduation):

- Score at least **1200** on the SAT (**27** on the ACT) by the June national test administration of the senior year; earn a minimum **3.50** cumulative GPA on the SC UGP at the end of the senior year; and, rank in the top **6%** of the class at the end of the sophomore, junior or senior year;

OR

- Score at least **1400** on the SAT (**32** on the ACT) by the June national test administration of the senior year and earn a minimum **4.00** cumulative GPA on the SC UGP at the end of the senior year.

The scholarship is renewable with a 3.0 GPA and 30 hours of credit from a college or university.
Palmetto Fellows Enhancement: Math or Science majors may receive up to an additional $2,500 after successfully completing 14 hours in science and math in their freshman year at college or university.
Palmetto Fellows Scholarship recipients may not be a LIFE or HOPE scholar or receive Lottery Tuition Assistance

LIFE Scholarship (towards a two or four year degree) Students can receive up to **$5,000** each academic year at a **four** year college or university OR up to the **cost of tuition** at a **two year** institution in South Carolina. Students must meet the following requirements:

- **3.0** cumulative GPA;
- Rank in the top **30%** of the graduating class;
- Score at least **1100** on the SAT Critical Reading and Math, or **24** on the ACT Composite.

Or

- **3.0** cumulative GPA is the **only requirement** at the two year or technical college.

***LIFE Scholarship Enhancement*:** Math or Science majors may receive up to an additional $2,500 after successfully completing 14 hours in science and math in their freshman year at a four year college or university

HOPE Scholarship (non-renewable)

Students can receive up to $2,800 for the first year at an eligible four year institution in South Carolina. Students must meet the following requirements:

Reside in South Carolina at the time of high school graduation and college enrollment

- Earn a cumulative **3.0** GPA
- **Not** be a recipient of the Palmetto Fellows Scholarship, LIFE Scholarship or Lottery Tuition Assistance and meet all eligibility criteria.
- Students can qualify for a LIFE Scholarship with a **3.0** GPA after the first year of college with 30 hours attained.

Lottery Tuition Assistance

Students can receive up to $1,200 per semester towards tuition **only** at any eligible technical college in South Carolina, any USC two-year regional campuses or Spartanburg Methodist College. Students must meet the following requirements:

- Enrollment in a 2-year technical college
- Take a minimum of **6** credit hours per semester
- Maintain a **2.0** GPA after 24 hours of credit

More information on these and other financial aid opportunities can be found at the Commission on Higher Education web site: http://www.che.sc.gov
Phone: 803-737-2260 ~ Fax: 803-737-2297
The South Carolina Commission on Higher Education
1122 Lady Street, Suite 300
Columbia, SC 29201

Florence One Schools High School Testing/Assessment Plan

Test	Purpose	Target Group	Date
The ACT® www.actstudent.org	College admissions	All 11th Graders College bound 11th and 12th grade students	March September - June
WIN Ready to Work **Administered to all third year students**	Pre-employment assessment Career Readiness	All 11th graders 12th graders retakes	Spring December
Advanced Placement (AP) Exams https://apstudent.collegeboard.org/	Possible college credit	Students enrolled in AP courses	May
ASVAB http://official-asvab.com/	Assess career interests and aptitudes	11th and 12th graders	Fall and/or Spring
End-of-Course Examination Program (EOCEP) http://ed.sc.gov/tests/high/general-information/	Assess content learned in various academic subjects	English 2, Algebra 1, Biology 1, U.S. History	Completion of course
LinkIt http://www1.linkit.com/	Assess level of progression in math and English	Algebra I, Geometry, Algebra II, English I, English II and English III	Three times per semester
PSAT/NMSQT (Eligibility for National Merit Scholarship) www.collegeboard.org/psat-nmsqt	Prepare for SAT I	10th graders	October
SAT www.collegeboard.com	College admissions	11th grader (optional replacement of ACT) 11th and 12th graders, college bound students	March October-June
SchooLinks: College and Career Readiness Platform www.schoolinks.com	Career Interest Inventory	All High School Students	Fall and Spring
International Baccalaureate (IB) Exams	IB Diploma, College Credit	11th and 12th grade IB students	May

Helpful Websites

Florence One Schools- www.f1s.org
SC Department of Education – http://ed.sc.gov
Commission on Higher Education – www.che.sc.gov
ACT – http://www.actstudent.org/
SAT – www.collegeboard.org
College, Career, and Scholarship Search-www.schoolinks.com
National Collegiate Athletic Association – www.ncaa.org
Financial Aid – www.fafsa.ed.gov
SC Virtual School – https://virtualsc.org/

Career and Technical Education (CTE)

The South Carolina Education Improvement Act (EIA) requires occupational preparatory courses supported with state funds to be accountable in terms of the success of CTE students in obtaining jobs and remaining employed. The continued funding of CTE courses will depend upon the successful placement of graduates in jobs related to their occupational training. Therefore, it is important that students who are scheduled to fill allocations are those who desire CTE training. Guidance and counseling services provided in the schools are critical to the continued existence of the program offerings in the district.

Admissions Policies

Enrollment in CTE courses is determined by equipment availability, size of laboratory, curriculum content, and overall situations related to student safety.

Class Selection Procedure

If there are more applicants for CTE courses than there are spaces available, the Florence Career Center (FCC) and the feeder high schools will follow procedures as outlined below:

- Two-year preparatory program enrollment allocation/admission will be in the following priority order: 11th grade students , 10th grade students, 12th grade students (12th graders cannot complete 2-year programs), 9th graders-limited availability
  NOTE: Acceptance to the 2nd year of CTE programs will be based on GPA, class ranking, and teacher recommendation.
- One-year preparatory programs enrollment allocation is as follows: 12th grade students, 11th grade students
- Single period Course* allocation will be prioritized by 12th – 9th grade level retrogression as recommended by the course catalog.

***Exception: Students who have declared an occupational major in a job preparatory program based on that student's four-year high school instructional plan will receive priority placement.**

The CTE allocation procedure will be reviewed annually. If it appears that students are being discriminated against and/or denied CTE educational services, then each student will be reviewed on an individual basis. The local high school will adhere to the same procedure in allocating students to classes that are taught within their building.

CTE Support Services

Disabled and disadvantaged students must receive the full range of programs, services and activities available to their peers. Florence One Schools provides the following supplemental services for special needs students enrolled in CTE programs.

Accommodations:

- Modification and adaptation of curriculum and material according to the disability and appropriateness to meet the student's individual needs
- Equipment modifications necessary for the student to participate in a CTE program
- Additional equipment appropriate and/or additional equipment that is essential for the successful participation of disabled and disadvantaged students in CTE programs
- Guidance and counseling services
- Job placement services
- Remedial services coordinated with the home school
- Special programs

Articulation Program

Florence-Darlington Technical College (FDTC) and other SC Technical Colleges recognize the value of CTE training received by the graduates of Florence One Schools and believe that this training qualifies students for advanced placement. These institutions have cooperatively established performance objectives and/or evaluation criteria to serve as guidelines in determining when students should be exempted from specified courses. A procedure has been established for articulation in several programs at all high schools and the Florence Career Center. Entry level for advanced placement is based on (a) the student's progress in completing course objectives, (b) the student's academic record, (c) a written recommendation and evaluation of the student's capabilities and achievements by the CTE instructor, and (d) an interview with the appropriate instructors. Articulated programs are noted in the course descriptions.

See your counselor or contact the Florence Career Center if you have questions.

Work Based Learning Program Opportunities

Work-based learning (WBL) is a school coordinated, sponsored, coherent sequence of workplace experiences that are related to students' career goals and/or interests, are based on instructional preparation, and are performed in partnership with local businesses, industries or other organizations in the community. WBL enables students to apply classroom instruction in a real-world business or service-oriented work environment.

Shadowing: Job shadowing is a **short-term**, school coordinated career exploration in which the student is introduced to a particular job role or career by being paired, one-on-one with an employee at the worksite. The student "shadows" the employee for a specified time to better understand and observe work expectations and requirements of a variety of job tasks. On-site job shadowing does not provide any form of course credit.

Virtual job shadowing includes, but is not limited to the following: virtual tour of worksite with content provided, the capability to conduct question/answer exchanges, the overall quality of the site's features, and the length of the experiences. Product reflection is required from the student. Virtual shadowing site examples: MicroCareerbursts and VirtualShadow.org.

Service Learning: A method in which the student engages in community service work for a specified number of hours in order to gain developmental experience. Students and teachers cooperate with local leaders to address community problems and issues, resulting in student service to the community and development of personal, workplace-readiness, academic, and citizenship skills. With close adult supervision, students work on specific activities each week during or after school to develop work skills and life skills and learn how to behave in work situations.

School-Based Enterprises: Focus on the development of small businesses created, managed, and operated by students within the school setting. These ventures support the development of academic, technical, and entrepreneurial skills in an applied academic environment. Enterprises may be undertaken on or off the school grounds. **Mentoring:** This experience engages a student with an employee who possesses workplace skills and knowledge to be mastered by the student. The mentor instructs the student, critiques the performance of the student, challenges the student to perform well, and works in consultation with classroom teachers and the employer of the student. The relationship generally lasts **one year**, with the mentor maintaining occasional contact with the protégé for an additional one to two years.

Internship: A progressive, school-coordinated experience that places students in real workplace environments so that they develop and practice career-related knowledge and skills needed for a specific level job. An internship provides hands on experience in a particular industry or occupation related to a student's career interests, abilities, and goals.

Cooperative Education: A structured training program for high school level students requiring a written contract and training plan between the high school and sponsored worksite. The program coordinates secondary studies with a job role in a field related to the academic and/or technical education objectives. The written training and evaluation plans guide workplace activities in coordination with classroom instruction. Students receive course credit for their Co-Op completion. Academic credit, compensation, and activities are district specific and may vary within the course of study.

Youth Apprenticeship: A structured program giving youth (16 years or older), an opportunity to earn while they learn. This forward-focus program combines classroom instruction with one to two years of on-the-job training with an end result in a "certification of mastery of a specific technical skill." A youth apprenticeship may matriculate to a registered apprenticeship after high school. High school completion is a requirement of the program.

Planning for Careers

Florence One Schools is committed to providing the best education possible for all of its students. Therefore, the district is continually updating its curriculum to meet the challenges of an ever changing society and world of work. Every student in grades 8–12 is required by the Education and Economic Development Act of 2005 (EEDA) to complete an Individual Graduation Plan (IGP). **This plan is to be reviewed and updated annually.** Career Cluster courses help students acquire the knowledge and skills needed to reach career goals. Our district offers many electives recommended for self-enrichment. Students should select a major which will enable them to focus on an area of interest.

Florence One Schools offer three different schools of study:

- School of Business, Marketing, Finance, and Information Technology
- School of Engineering, Manufacturing, Science, and Technology
- School of Health, Science, Education, and Human Services

The purpose of choosing a Career Cluster in the 8th grade and a Career Major in the 9th or 10th grade for the Individual Graduation Plan (IGP) is to promote students' awareness and exploration of career opportunities related to the various career clusters and majors and to focus elective credits. While the process of selecting a cluster and major is required for 8th and 9th grade students in South Carolina by state law (EEDA), completion of the IGP major is *recommended,* not required for graduation.

South Carolina's Career Clusters

Agriculture, Food & Natural Resources: Processing, production, distribution, financing, and development of agricultural commodities and natural resources
Architecture & Construction: Designing, managing, building, and maintaining the built environment
Arts, A/V Technology & Communications: Creating, exhibiting, performing and publishing multimedia content
Business, Management & Administration: Organizing, directing and evaluating functions essential to productive business operations
Education & Training: Providing education and training services and related learning support services
Finance: Planning finances and investments and managing banking, insurance, and business finances
Government & Public Administration: Executing governmental functions at the local, state and federal levels
Health Science: Providing diagnostic and therapeutic services, health informatics, support services and biotechnology research and development
Hospitality & Tourism: Managing restaurants and other food services, lodging, attractions, recreation events, and travel-related services
Human Services: Providing for families and serving human needs
Information Technology: Designing, supporting, and managing hardware, software, multimedia and systems integration
Law, Public Safety & Security: Providing legal, public safety, protective, and homeland security services
Manufacturing: Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.

Marketing, Sales & Service: Performing marketing activities to reach organizational objectives
Science, Technology, Engineering & Mathematics: Performing scientific research and professional technical services
Transportation, Distribution & Logistics: Managing movement of people, materials, and goods by road, pipeline, air, rail and water

2020-2021 CURRICULUM FRAMEWORK

School of Business, Marketing, Finance and Information Technology	School of Engineering, Manufacturing, Science and Technology	School of Health, Science, Education and Human Services
Business, Management and Administration Cluster • Business Information Management (CTE) **Finance Cluster** • Business Finance (CTE) **Hospitality and Tourism Cluster** • Culinary Arts Management (CTE) **Information Technologies Cluster** • Networking Systems (CTE) • Programming & Software Development (CTE) • Web and Digital Communications (CTE) **Marketing, Sales and Service Cluster** • Marketing Communications (CTE) **Transportation, Distribution and Logistics Cluster** • Automotive Collision Repair Technology (CTE) • Automotive Technology (CTE)	**Agriculture, Food and Natural Resources Cluster** • Horticulture (CTE) **Architecture and Construction Cluster** • Building and Construction (CTE) **Arts, Audio-Video Technology and Communication Cluster** • Mechanical Design (CTE) • Digital Art & Design (CTE) • Fine/Studio Arts • Visual & Performing Arts **Manufacturing Cluster** • Welding Technology (CTE) **Science, Technology, Engineering and Mathematics Cluster** • Pre-Engineering (PLTW) • Engineering Science • Biology • Chemistry • Mathematics	**Education and Training Cluster** • Education and Training • Early Childhood Education (CTE) **Government and Public Administration Cluster** • Military Technologies **Health Science Cluster** • Biomedical Science (PLTW) • Health Science (CTE) • Pre-Med and Nursing • Sports Medicine (CTE) **Human Services Cluster** • Cosmetology (CTE) • Social Science • Family & Consumer Sciences (CTE) **Law, Public Safety and Security Cluster** • Law Enforcement Services (CTE) • Legal Studies

The International Baccalaureate Diploma Program

The **International Baccalaureate (IB) Diploma Program** is an internationally recognized, rigorous academic curriculum for self-motivated and achievement-oriented students. The IB Diploma Program is a **two-year curriculum** in which **eleventh** and **twelfth** grade students take courses and examinations from the six groups of the IB curriculum. Successful performance on the IB examinations may enable students to receive college credits for work completed in high school. Since the IB exams require high levels of achievement and preparation, students should enroll in preparatory courses prior to the eleventh grade. Students can participate in the **IB Middle Years Program (MYP)** in the **seventh** and **eighth** grades at Williams Middle School and in **ninth** and **tenth** grades at Wilson High School. Students who live in Florence One Schools must apply and if necessary transfer schools in order to participate in the IB Middle Years Program or the IB Diploma Program. The school district provides transportation to Williams and Wilson for students not living in the Williams/Wilson attendance zone.

Students interested in the International Baccalaureate Program should contact the IB coordinator at Wilson High School or Williams Middle School to get an application for admission into the program. Information and applications are also available at the F1S IB website: https://www.fsd1.org/ib/Pages/default.aspx.

IB Diploma Program at Wilson High School

	Grade 9 IB MYP	**Grade 10 IB MYP**	**Grade 11 IB DP**	**Grade 12 IB DP**
Group 1: Language A	MYP English 2 H	MYP English 3 H	IB English Literature HL 1	IB English: Literature HL 2
Group 2: Language B	MYP Spanish 2 H MYP German 2 H	MYP Spanish 3 H MYP Spanish 4 H MYP German 3 H MYP German 4 H	IB Spanish B SL IB German B SL	
Group 3: Humanities	MYP AP Human Geography	MYP American Govt. H MYP Economics H AP Government	IB US History HL IB ITGS HL or SL 1 IB Psychology SL or HL 1	IB History of Americas HL IB ITGS HL or SL 2 IB Psychology SL or HL 2
Group 4: Sciences	MYP Biology 1 H	MYP Chemistry 1 H	IB Biology 1 HL IB Biology Seminar SL IB Chemistry Seminar SL	IB Biology 2 HL IB Biology SL IB Chemistry SL
Group 5: Mathematics	MYP Geometry H MYP Algebra 2 H	MYP Pre-Calculus H	IB Applications and Interpretations Seminar SL IB Analysis Approaches Seminar SL or HL AP Calculus	IB Applications and Interpretations SL IB Analysis and Approaches SL or HL
Group 6: The Arts	MYP Art 3 H	MYP Art 4 H	IB Visual Arts SL or HL IB Theatre SL	IB Visual Arts SL or HL IB Theatre SL
Core			Theory of Knowledge 1 Extended Essay H	Theory of Knowledge 2 Extended Essay H

International Baccalaureate Career Certificate

The IB Career Certificate Program enables a student to take a mixture of IB Courses paired with a career pathway. In addition to their IB and Career Courses, students also take a Professional Skills Course and complete a reflective project in their career pathway. This program is open to all students in Florence One.

Career Pathways to choose from:

Engineering
Biomedical Science
Culinary Arts
ROTC

Advanced Placement Capstone

In 2019, Florence One began offering AP Capstone, a College Board program focused on helping students to develop independent research, collaborative teamwork, and communication skills. AP Capstone consists of two interdisciplinary courses, AP Seminar and AP Research, designed to complement the discipline-specific content covered in other AP courses. Students typically take AP Seminar in grade 10 or 11, followed by AP Research. Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing receive the AP Capstone Diploma, a nationally recognized credential issued by the College Board and widely recognized in the college-admissions process.

The College Board issues a number of awards to students who excel on AP exams. These awards and their criteria are as follows:

AP Scholar: Granted to students who receive scores of 3 or higher on three or more AP Exams
AP Scholar with Honor: Granted to students who receive an average score of at least 3.25 on all AP Exams taken, and scores of 3 or higher on four or more of these exams
AP Scholar with Distinction: Granted to students who receive an average score of at least 3.5 on all AP Exams taken, and scores of 3 or higher on five or more of these exams
State AP Scholar: Granted to the one male and one female student in each U.S. state and the District of Columbia with scores of 3 or higher on the greatest number of AP Exams, and then the highest average score (at least 3.5) on all AP Exams taken
National AP Scholar: Granted to students in the United States who receive an average score of at least 4 on all AP Exams taken, and scores of 4 or higher on eight or more of these exams

SCIENCE

STEM Physical Science HN
STEM Biology 1 HN
STEM Chemistry HN
Physics 1 HN
Chemistry 2 HN
Anatomy & Physiology HN

AP Biology
AP Chemistry
AP Physics
Human Body Systems HN
Principles of Biomedical Science HN
Medical Interventions & Research HN*
Biomedical Innovations & Research HN*
Health Science Work Based HN*
Sports Medicine 3 HN

ENGINEERING

Intro to Engineering Design HN
Principles of Engineering HN
Civil & Architectural Engineering HN
Aerospace Engineering HN
Clean Energy Systems 1 HN
Clean Energy Systems 2 HN

TECHNOLOGY

STEM Computer Programming 1 HN
STEM Computer Programming 2 HN*
Cyberber Security HN
AP Computer Science

MATH

Pre-Calculus HN
STEM Geometry HN
STEM Algebra 2 HN
AP Calculus AB
AP Calculus BC
STEM AP Statistics
Algebra 1 HN

Additional Courses

English 1 HN
STEM English 2 HN
STEM English 3 HN
STEM AP Human Geography
AP Psychology
AP Seminar*
AP Research*
AP Government
AP Macroeconomics

*Courses that count as research credit **Bold Classes count as STEM credit**

West Florence STEM Program Requirements:

To qualify for recognition as a STEM Scholar, and receive the program designation for recommendations/applications for colleges and scholarships the STEM student shall:

1. Attain eight STEM credits from the approved courses list below.
    a. Each year-long Honors/AP/dual credit course from the approved list is a single STEM credit.
    b. The final grade in the class must be 80 or above to count as a STEM credit.
2. Successfully complete a research course from the approved courses list below.
3. Complete and have approved quality credit documentation each year in the program.
4. Accurately and consistently maintain his/her electronic STEM Planner.
5. Respond to all electronic notifications and requests regarding STEM from school email and/or Google Classroom within given timelines.
6. Maintain high standards of behavior and ethics.
    a. A student may be removed from STEM based on behavior or actions deemed inappropriate or in violation of the discipline code by school administration.

To receive the designation STEM Scholar with Honors, STEM students must receive at least 14 STEM credits including one research credit.

Quality Credit Description:

The STEM Quality Credit is designed to help students grow outside the classroom, both personally and as members of the community. Each STEM student should be passionately committed to a cause or activity throughout his/her STEM career. Our preference would be for an activity to be continuous throughout the STEM experience.

Actual activities will vary, but each student should be active participants in his/her chosen discipline and must be able to clearly articulate the impact of the activity on his/her personal growth and community involvement. Some activities from past students include Robotics team, Leader in ROTC, Scouting, athletics, and volunteer work. If in doubt, ask STEM Teacher for clarification.

Each spring, STEM students reflect upon their chosen activities including how their involvement changed them. One goal of the quality credit is to help STEM students build their personal statements for college applications, increasing their global competitiveness. The written reflection will be approved by a designated STEM representative each year.

The student's reflection should:

1. Clearly describe the activity (100-200 words).
2. Focus and elaborate on how the activity affected the student's personal growth and community involvement. How did the activity change you as a person?
3. Be grammatically correct and free from errors.
4. Be included in the electronic STEM Planner. You need a reflection EACH year by April 1.

Team Up Governor's School Program*

***This program is offered at South Florence and Wilson High School**

Curriculum Overview – TEAM UP

<table>
<tr><th></th><th>10 FALL</th><th>10 SPRING</th><th>11 FALL</th><th>11 SPRING</th><th>12 FALL</th><th>12 SPRING</th></tr>
<tr><td rowspan="3">MATH</td><td>Honors Algebra III</td><td>Honors Precalculus</td><td colspan="2" rowspan="3">MATH 222 Calculus I</td><td rowspan="3"></td><td rowspan="3"></td></tr>
<tr><td colspan="2">OR</td></tr>
<tr><td colspan="2">Honors Precalculus</td></tr>
<tr><td rowspan="3">ENGINEERING</td><td colspan="2" rowspan="3">Honors Foundations in Engineering (Synchronous or Blended)</td><td>Honors Civil & Environmental Engineering (Blended)</td><td>Honors Mechanical & Aerospace Engineering (Blended)</td><td>EGR 102 Engineering Disciplines & Skills</td><td>EGR 141 MatLab</td></tr>
<tr><td rowspan="2">Honors Engineering, Technology & Society</td><td rowspan="2">Honors Agriscience, Biotechnology & Agricultural Engineering</td><td colspan="2">Honors Senior Research & Design Project (Blended)</td></tr>
<tr><td>Honors Electrical Engineering (Blended)</td><td>Honors Biomedical Engineering (Blended)</td></tr>
<tr><td>SCIENCE</td><td colspan="2">Honors Chemistry I</td><td>Honors Intro to Computational Science (Blended)</td><td>Honors Intro to Industrial Chemistry & Engineering (Blended)</td><td>PHY 203/203L Calculus Physics I and Lab</td><td>PHY 204/204L Calculus Physics II and Lab</td></tr>
</table>

BLUE indicates honors courses
GREEN indicates dual enrollment courses

Blended courses include a combination of synchronous (real-time) instruction with online learning activities

Applicants must successfully complete Algebra I prior to the beginning of 9th grade, and project successful completion of Algebra II by the end of 9th grade.

Prior to the beginning of 11th grade, students should complete:

- Biology I
- Chemistry 1
- Geometry
- English II

Standard High School Graduation Requirements
Standard Credit Units
(1 year = 1 credit)

Math	4
Science (incl Biology)	3
Computer Science	1
English/Language Arts	4
Foreign Language	1
US History	1
Government/Economics	1
Other Social Studies	1
Physical Ed/ROTC	1
Electives	7
Total	**24**

South Florence High School Arts Magnet Program (AMP)

Creative Writing

Poetry 1 Honors
Poetry 2 Honors
Creative Writing 1 Honors
Creative Writing 2 Honors
Senior Project

Dance

Dance 1 Honors-Introduction to Dance
Dance 2 Honors -Intermediate Technique
Dance 3 Honors-Advanced Technique
Dance 4 Honors- Choreography
Senior Project

Digital Media Production

Video Production 1 Honors
Video Production 2 Honors
Video Production 3 Honors
Video Production 4 Honors
Film Studies Honors
Senior Project

Instrumental Music (Band/Orchestra)

Band 1 Honors
Band 2 Honors
Band 3 Honors
Band 4 Honors
Orchestra 1 Honors
Orchestra 2 Honors
Orchestra 3 Honors
Orchestra 4 Honors

Instrumental Music (Band/Orchestra)

Percussion Ensemble 1 Honors
Percussion Ensemble 2 Honors
Percussion Ensemble 3 Honors
Percussion Ensemble 4 Honors

Theatre Arts

Theatre Arts 1 Honors-Introduction to Performance
Theatre Arts 2 Honors-Comprehensive Theatre Study
Theatre Arts 3 Honors -Advanced Acting
Technical Theatre Arts Honors
Theatre History Honors
Musical Theatre Honors

Visual Arts

Art 1 Honors
Art 2 Honors
Art 3 Honors
Art 4 Honors
Photography 1 Honors
3-D Design 1 Honors
3-D Design 2 Honors

Vocal Music

Introduction to Music Theory Honors
Chorus 1 Honors
Chorus 2 Honors
Chorus 3 Honors
Chorus 4 Honors
Music Technology Honors
AP Music Theory

Early College Program with Florence-Darlington Technical College

Florence One Schools in partnership with Florence-Darlington Technical College will begin offering the Early College Dual Enrollment program at all three high schools beginning in the Fall of 2020. This program has been developed to give students the opportunity to complete an Associate's Degree while still in high school. Students will be eligible to receive both college and high school credit for each course satisfactorily completed in the program. Each high school in the district will accept a cohort of up to 25 students. The students in the program will receive all of their textbooks at no charge. To apply for the program you must be a rising sophomore and be eligible for admission to FDTC. The model below is just an example, each student will have a personalized plan for completing the degree.

Early College Model for Associates in Arts Track			
(Students completed Algebra I and English I in 8th grade)			
9th Grade			
Fall Semester		Spring Semester	
English II		AP Human Geography or World History	
BiologyI		AP Computer Science or Computer Programming	
Algebra II or Geometry		PE/ROTC	
Elective		Spanish I	
10th Grade			
Fall Semester		Spring Semester	
English III		English IV	
Geometry or Algebra II		Pre-Calculus or Probability and Statistics	
Spanish II		Political Science 201/Economics 210	6
Chemistry I		Sociology 101	3
Total Credit Hours			**9**
11th grade			
Fall Semester		Spring Semester	
Speech 205	3	English 201 or 202 or 205 or 206	3
English 101/102	6	Spanish 101	4
History 201	3	History 202	3
Math 110	3	Biology 101 or Chemistry 110	4
Total Credit Hours	**15**		**14**
12th grade			
Fall Semester		Spring Semester	
Biology 102 or Chemistry 111	4	Psychology 201	3
Spanish102	4	Math 120	3
Sociology Elective	3	Philosophy 110	3
Art,Music,or Theater 101	3	Art,Music,Theater 101	3
Total Credit Hours	**14**		**12**
Total Credit Hours for the Degree 64			

Students are required to complete the application for admission to FDTC: www.fdtc.edu.

Students need to submit the following paperwork to their School Counselor by April 1st:

1. Signed Permission and Communication Waiver Form
2. Signed Lottery Waiver Form
3. Declaration of Citizenship or Legal Presence Form
4. High School Transcript

If you have any questions about the program please see your school counselor.

Diploma Pathways Seals of Distinction*

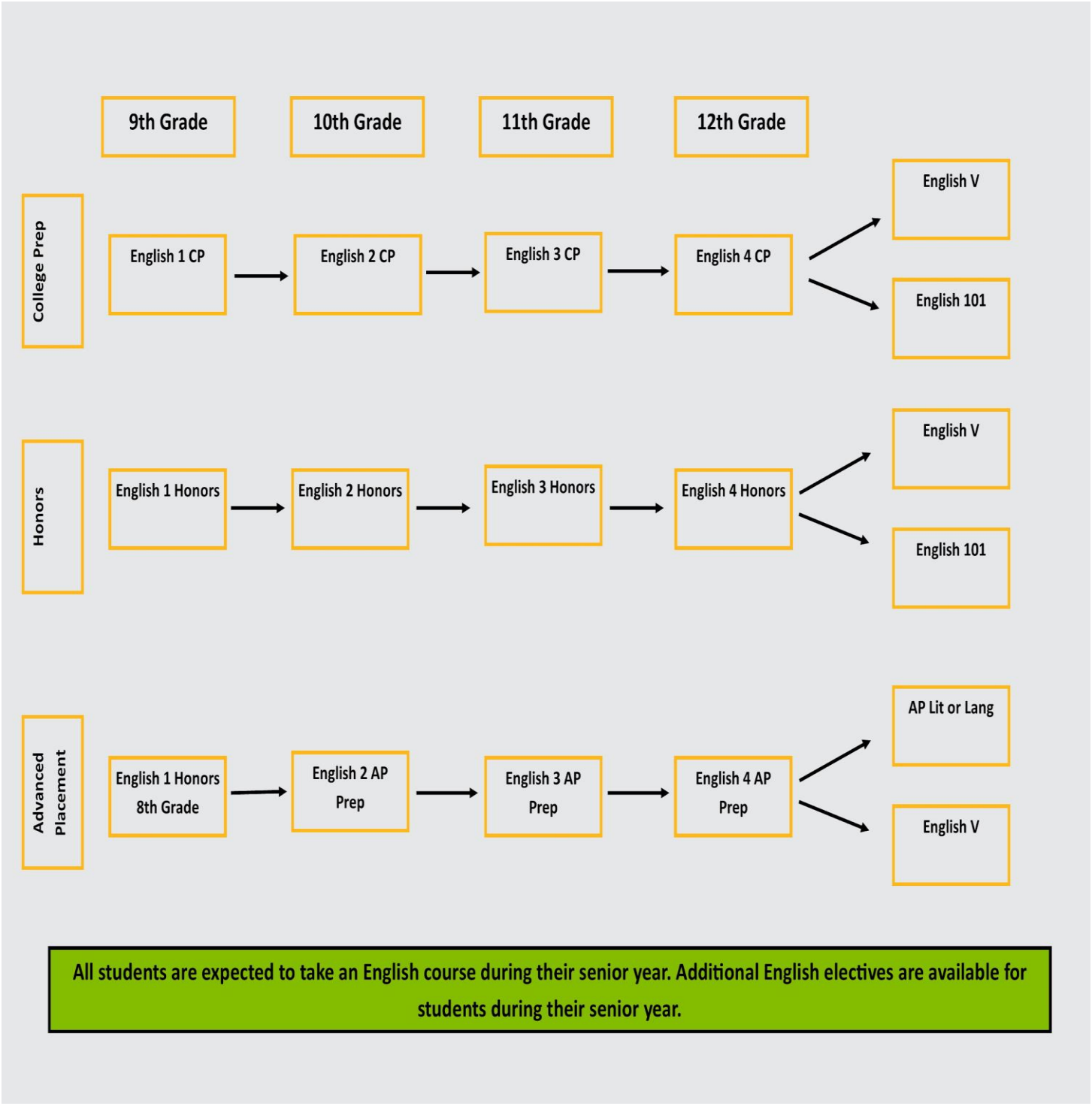
One of more Seals may be earned, but are not required for graduation.

*Graduating Class of 2022 will be the first class eligible for the Distinction

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/writing scores) **English**- *4 Credits **Math**- *4 Credits 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 (Innovative courses may be approved and must align with student's post secondary plan.) **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 (all areas) **(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

Academic Courses

English



All students are expected to take an English course during their senior year. Additional English electives are available for students during their senior year.

English 1

Level: CP Credit: 1 Grade: 9

English 1 provides students with experiences in reading a variety of informational and literary texts of different genres at their academic level and in advancing their practices in language usage and composition skills. This course features opportunities for utilizing critical thinking, writing, communication, and collaboration. Students learn and practice fundamental research skills and write documented papers. Correlated book studies are required for all levels of this course.

English 1

Level: H Credit: 1 Grade: 9

English 1 Honors provides students with higher level experiences in reading a variety of informational and literary texts of different genres at their academic level and in advancing their practices in language usage and composition skills. This course features opportunities for utilizing critical thinking, writing, communication, and collaboration. Students learn and practice fundamental research skills and write documented papers. Correlated book studies are required for all levels of this course. Honors level courses are differentiated by the designated guaranteed experiences with additional readings and research/written assignments as outlined on the F1S CAD and each teacher's syllabus.

English 2

Level: CP Credit: 1 Grade: 10

Tenth grade English aims for application of grammar skills and a degree of coherence and emphasis in composition of varied types. It offers sequentially richer experiences in oral work, covers literature selections revealing insights into life and literature with analysis of literary genres. Book reports are required. Students continue to extend resource skills in documented papers.

English 2

Level: H Credit: 1 Grade: 9-10

English 2 aims for a higher application of language usage and skilled practice in a variety of composition modes. The course offers sequentially rich experiences in communication and addresses texts that reveal insights into life and literature with analysis of literary genres. Students practice advancing research skills and write documented papers. Correlated book studies are required in all levels of this course. CP and Honors level core courses are differentiated by the designated guaranteed experiences with additional readings and research/written assignments as outlined on the F1S CAD and each teacher's syllabus.

English 2 STEM

Level: H Credit: 1 Grade: 9-10

English 2 aims for a higher application of language usage and skilled practice in a variety of composition modes. The course offers sequentially rich experiences in communication and addresses texts that reveal insights into life and literature with analysis of literary genres. Students practice advancing research skills and write documented papers. Correlated book studies are required at the appropriate level of complexity and experiences are differentiated by the designated guaranteed experiences and additional course requirements as outlined in the F1S CAD and each teacher's syllabus.

English 2 MYP

Level: H Credit: 1 Grade: 9

Required for students who wish to pursue the IB Diploma. Incorporates the standards of English 2 but is characterized by a high degree of complexity and more in-depth study. Students should expect to spend time outside class on assignments, both self-directed and teacher assigned. Teacher recommendation is encouraged; a high level of success in prior English courses is a marker of success in this course. Self-Motivated learners are the model of success in this course. The course focuses on world literature

English 3

Level: CP Credit: 1 Grade: 11

English 3 stresses the American heritage in literature and explores multiple genres, writing modes, and stylistic approaches to enhance to enhance students' ability to read and write critically as they advance toward college and career. Students research a variety of topics and write short and extended documented papers with advancing practices in language usage and composition. Correlated book studies are required in all levels of this course.

English 3 GT

Level: H Credit: 1 Grade: 11

English 3 stresses the American heritage in literature and explores multiple genres, writing modes, and stylistic approaches to enhance to enhance students' ability to read and write critically as they advance toward college and career. Students research a variety of topics and write short and extended documented papers with advancing practices in language usage and composition. Correlated book studies are required in all levels of this course. Honors level courses are differentiated by the designated guaranteed experiences with additional readings and research/written assignments as outlined on the F1S CAD and each teacher's syllabus.

English 3 STEM

Level: H Credit: 1 Grade: 11

AP Prep English 3 requires stresses the American heritage literature and extensively explores multiple genres, writing modes, stylistic and rhetorical approaches to enhance students' ability to read and write critically as they advance toward AP Courses and college readiness. Students will research multiple content-related topics and write short and extended documented papers with advanced approaches in language usage and composition. Correlated book studies at this advanced level are required.

English 3IB HL -1/ English 4 IB HL-2

Grade level: 11 (IB HL 1)-12 (IB HL-2) Credit: 1

Prerequisite: AP Language & Composition or Eng. 2 MYP

Required for the IB Diploma or offered as a certificate course for possible college credit, this two-year Higher-Level IB course offers an intense, in-depth study of a broad range of literature in an effort to build appreciation of style and craft, recognition of subtleties with language usage, and awareness of global perspectives. While students will engage in a variety of oral and written exercises designed to prepare them for IB exams, they will also receive instruction in preparation of the respective AP exams both years.

English 4

Level: CP Credit: 1 Grade: 11-12

English 4 provides advanced practice and experience in language usage and composition focusing on British and European literature through critical reading of selections by British authors. For increased readiness for college and career, advanced writing in this course includes detailed short and extended research papers, and informative and argumentative writing with more complexity. Correlated book studies are required in all levels of this course.

English 4 GT

Level: H Credit: 1 Grade: 11-12

English 4 provides advanced practice and experience in language usage and composition focusing on British and European literature through critical reading of selections by British authors. For increased readiness for college and career, advanced writing in this course includes detailed short and extended research papers, and informative and argumentative writing with more complexity. Correlated book studies are required in all levels of this course. Honors level courses are differentiated by the designated guaranteed experiences with additional readings and research/written assignments as outlined on the F1S CAD and each teacher's syllabus.

STEM English 4

Level: H Credit: 1 Grade: 11-12

English 4 AP Prep/GT requires advanced practice and experience in language usage and composition focusing on British and European literature through critical reading and analysis of selections by British authors. In preparation for Advanced Placement Literature/Language and Composition. Advanced writing in this course includes detailed short and extended research papers, and informative and argumentative writing with more complexity. Correlated book studies are required at the advanced level for this course. Guaranteed experiences with additional readings and research/written assignments are outlined on the F1S CAD and each teacher's syllabus.

Advanced Composition English 5

Level: H Credit: 1 Grade: 11-12

Advanced Composition stresses mature writing skills to prepare students for college writing or for the world of work. The practical skills of resume' writing, business letters, business memos, and thank-you notes complement the techniques for writing formal essays, analytical papers, and literary critiques. For all the forms of writing, the study of advanced grammar during the course enhances a mature writing style for the adult.

AP English – Language Composition

Level: AP Credit: 1 Grade: 10-12

This is a college level course focusing on the techniques used by writers to produce clear and effective literary works. Students receive instruction in the conventions of literary criticism with an emphasis on analysis and interpretation. They use college level texts and supplementary paperbacks. All students are required to take the College Board administered examination.

AP English – Literature Composition

Level: AP Credit: 1 Grade: 11-12

This is a college level course fusing the reading of great literature with extensive compositions and research skills. Students receive instruction in the conventions of literary criticism with an emphasis on analysis and interpretation. They use college level texts and supplementary paperbacks. All students are required to take the College Board administered examination.

African-American Literature

Level: CP Credit: 1/2 Grade: 9-12

This course is designed to introduce the students to past and present writers as well as selections written in AfricanAmerican dialect and in Standard English. These selections show the growth and the origin of African-American literature in all genres. The student will compare African-American literature and its African influence on African American culture and the American way of life. The students will learn how the African-American experience dictated the subject matter of African-American writers.

Creative Writing

Level: CP Credit: 1 Grade: 9-12

Students will learn various aspects of writing, including writing more descriptively and being able to catch the reader's attention. They will write essays, short stories, and poetry. The main focus of this class is short story writing.

Structures of High School English (Elective)

Level: CP Credit: 1 Grade: 9-12

English Essentials is a course that provides opportunity for academic enrichment for students in preparation for college and career ready assessments in the areas of reading comprehension, language usage, and composition skills. English Essentials does not count toward graduation requirements for English.

Literature and Analysis

Level: H Credit: 1 Grade: 9-12

Literature and Analysis is the preparatory class for AP Language and Composition. Students review a number of techniques for generating writing topics, selecting appropriate rhetorical modes, developing solid thesis statements, providing supporting evidence, revising, editing, and publishing in a variety of formats. They read and analyze literature from a wide range of genres, using a variety of techniques. They learn an extensive set of literary terms to facilitate discussion of and writing about literature. Students are introduced to AP rubrics that assess responses written to cold prompts.

Mythology

Level: CP Credit: 1/2 Grade: 9-12

This class consists of analysis of Greek and Roman mythology, including their origins and similarities. The curriculum will include the analysis and study of the origin of myths about nature and heroes and their origins. Students will do projects, reading assignments, and compositions involving research.

South Carolina Folklore and Fiction
Level: CP Credit: 1/2 Grade: 9-12
This course will provide students exposure to various items of historical value about the state of South Carolina that are not usually addressed in history courses. Students will learn about local legends, people, and events. Students will write daily and complete a research project.

Poetry 1
Level: CP Credit: 1 Grade: 9-10
Students will study both traditional and contemporary poetry. The focus will be analytical and creative responses to poems. The culminating activity will be the creation of a portfolio consisting of student poems and analytical essays about published poetry.

Speech
Level: CP Credit: 1 Grade: 9-12
Speech is an introduction to public speaking. Students will write speeches and learn how to express themselves before an audience.

Journalism Production 1
Level: CP Credit: 1 Grade: 9-12
This project-based course (the project being the student newspaper) introduces students to the basics of journalistic writing. Students will learn to use the inverted pyramid style of writing, interviewing and research techniques, journalism ethics and responsibilities, advertising and the elements of layout and design for the newspaper. This course offers a study of the contents of the daily newspaper and the chance to write in a journalistic style. Students will become analytical consumers of media and technology to enhance their communication skills. Writing, technology, visual, and electronic media are used as tools for learning as students create, clarify, critique, write, and produce effective communications. In addition, students will receive "on-the-job" training as they help to create and publish the school newspaper.

Advanced Journalism Production 2-4
Level: H Credit: 1 Grade: 10-12
This project-based course (with the project being the school newspaper) is designed as an elective for students who wish to gain more competence and mastery in journalism and who wish to serve on the school newspaper staff in a leadership capacity. Reporters will mentor less experienced staff members, as well as take on mid and high editor positions. Skills mastered include layout and design, graphics, photography, reporting, writing, journalism ethics, and business management. They will see their efforts regularly in the school publication.

SAT/ACT Verbal Test Preparation
Level: CP Credit: 1 Grade: 10-12
This course will concentrate on acquiring learning tips for increasing scores on the new SAT/ACT, and improving reading comprehension and writing skills. The course objectives include examining SAT/ACT tests to develop assessment awareness and to increase reading skills (main ideas, details, comprehension, logical relationships, identifying vocabulary in context clues, and developing skills for defining words in isolation). Students will also apply English language knowledge to sentence structure, punctuation, capitalization, and usage. In addition, students will organize and illustrate ideas logically to write thoughtful essay question responses. Offered through SC Virtual School.

Yearbook Production 1
Level: CP Credit: 1 Grade: 9-12
Students will gain competence in journalism directed to production of a yearbook. They will master layout and design, graphics, photography, reporting, writing, journalistic style, journalism ethics, and their 1st Amendment rights. They will see their skills published in the school yearbook.

Yearbook Production 2
Level: CP Credit: 1 Grade: 9-12
Students will hone their journalistic skills with more experience in the major skills of writing, layout and design, graphics, photography, reporting, journalistic style, and ethics. They will see their ideas published in the school yearbook.

Yearbook Production 3

Level: H Credit: 1 Grade: 11-12

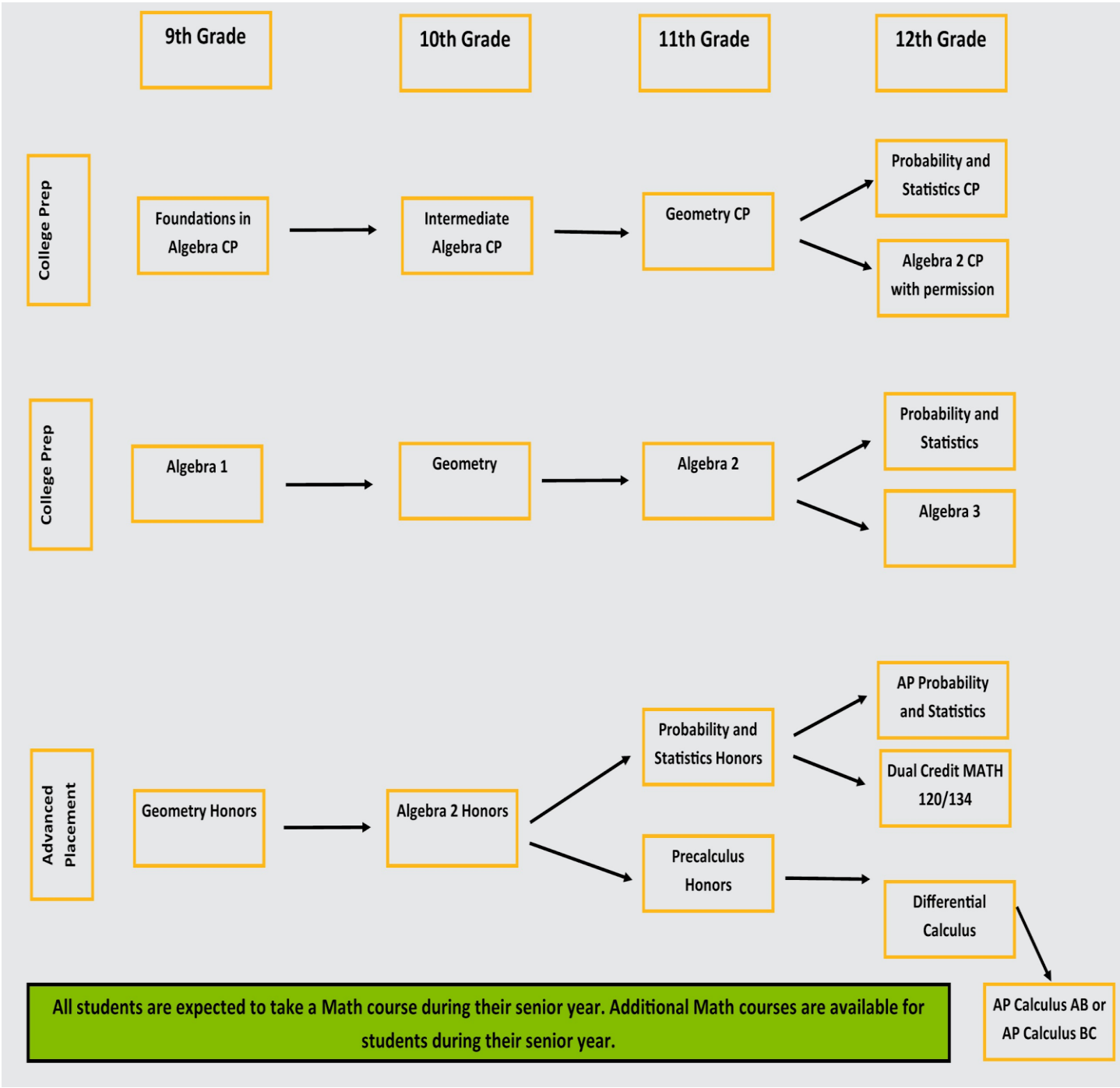
Functioning in leadership positions, students will improve their journalistic skills as they work on all aspects of yearbook production while mentoring less experienced classmates. They will take a more active role in designing the yearbook.

Yearbook Production 4

Level: H Credit: 1 Grade: 11-12

Acting as editors and functioning in leadership positions, students will polish their journalistic skills as they produce all the parts of the school yearbook. They will mentor less experienced classmates and take responsibility for producing the school yearbook.

MATHEMATICS



Foundations in Algebra

Level: CP Credit: 1 Grade: 9

The Foundations in Algebra 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 will build 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 will be prepared for the state-mandated end-of-course assessment (Algebra 1 EOCEP) administered at the completion of Intermediate Algebra. **It is important to note that some colleges do not accept Foundations in Algebra and additional courses may be required if a student wishes to attend one of those colleges. Foundations in Algebra and Intermediate Algebra may count together as a substitute for Algebra I if a student successfully completes Algebra II. Math credit cannot be given for Foundations in Algebra and Algebra 1.**

Algebra 1

Level: CP Credit: 1 Grade: 9

This course is designed for college preparatory students and others desiring a formal background in mathematics. Content consists of the structure of number systems and techniques used in applications of algebraic concepts and skills for a first course in Algebra. Students should use a variety of representations (e.g., concrete, numerical, algorithmic, graphical), tools (e.g. matrices, data), and technologies to model mathematical situations in order to solve meaningful problems. The Algebra 1 End-of-Course Exam will be given at the completion of this course. Student ownership of a graphing calculator (TI-83/84/Nspire) is recommended.

Algebra 1

Level: H Credit: 1 Grade: 9

This course is designed for college preparatory students and others desiring a formal background in mathematics. Content consists of the structure of number systems and techniques used in applications of algebraic concepts and skills for a first course in Algebra. Students should use a variety of representations (e.g., concrete, numerical, algorithmic, graphical), tools (e.g. matrices, data), and technologies to model mathematical situations in order to solve meaningful problems. As an honors weighted course students will be expected to move at a faster pace and solve more complex problems. The Algebra 1 End-of-Course Exam will be given at the completion of this course. Student ownership of a graphing calculator (TI-83/84/Nspire) is recommended.

Intermediate Algebra

Level: CP Credit: 1 Grade: 10

Prerequisite: Foundations in Algebra

This is the second course in a two-course sequence designed to prepare students for success in advanced mathematics courses by providing a foundation in algebra, probability, and statistics. Students must successfully complete Foundations in Algebra before enrolling in this course. This course builds on the conceptual knowledge and skills mastered in Foundations in Algebra and in earlier grades in areas such as algebraic thinking, statistics, data analysis, and proportional reasoning. The Algebra 1 End-of-Course Exam will be given at the completion of this course. It is important to note that some 4 year colleges do not accept Intermediate Algebra and additional courses may be required if a student wishes to attend one of those colleges. **Foundations in Algebra and Intermediate Algebra may count together as a substitute for Algebra I if a student successfully completes Algebra II. No other courses may be substituted for the three required mathematics courses (Algebra I, Algebra II, and Geometry).**

Algebra 2

Level: CP Credit: 1 Grade: 10-12

Prerequisite: Algebra 1 or Intermediate Algebra

This course is designed for college preparatory students and others desiring a formal background in mathematics. It is intended for average students who, as a minimum, have successfully completed Algebra 1 and Geometry. Content consists of an in-depth study of functions, patterns, relations, and concepts of number systems. The course extends and incorporates concepts developed in Algebra 1. Students are expected to use scientific calculators, graphing calculators, and/or computers throughout the year. This course meets the state Algebra 2 standards. Student ownership of a graphing calculator (TI-83/84/Nspire) is recommended.

Algebra 2
Level: H Credit: 1 Grade: 9-10
Prerequisite: Algebra 1 and Geometry
This course is designed for college preparatory students and others desiring a formal background in mathematics. It is intended for above average students who, as a minimum, have successfully completed Algebra 1. Content consists of an in depth study of functions, patterns, relations, and concepts of number systems. The course extends and incorporates concepts developed in Algebra 1. Students are expected to use scientific calculators, graphing calculators, and/or computers throughout the year. As an honors weighted course students will be expected to move at a faster pace and solve more complex problems. This course meets the state Algebra 2 standards. Student ownership of a graphing calculator (TI83/84/Nspire) is highly recommended.

Algebra 2 GT/ACC
Level: H Credit: 1 Grade: 9-10
Prerequisite: Algebra 1 and Geometry
This course is designed for students desiring to accelerate their math instruction in order to prepare for AP Calculus and/or AP Statistics. It is intended for high performing math students who, as a minimum, have successfully completed Algebra 1. Content consists of an in-depth study of functions, patterns, relations, and concepts of number systems. The course extends and incorporates concepts developed in Algebra 1. Students are expected to use scientific calculators, graphing calculators, and/or computers throughout the year. As an honors weighted course students will be expected to move at a faster pace and solve more complex problems. As an AP Prep course, students will be expected to take this course earlier than their peers and will be expected to move at a fast pace and solve mostly complex problems. This course meets the state Algebra 2 standards. Student ownership of a graphing calculator (TI-83/84/Nspire) is highly recommended.

Algebra 2 MYP
Level: H Credit: 1 Grade: 9-10
Prerequisite: Algebra 1 and Geometry
This course is designed for college preparatory students and others desiring a formal background in mathematics. It is intended for above average students who, as a minimum, have successfully completed Algebra 1. Content consists of an in depth study of functions, patterns, relations, and concepts of number systems. The course extends and incorporates concepts developed in Algebra 1. Students are expected to use scientific calculators, graphing calculators, and/or computers throughout the year. As an honors weighted course students will be expected to move at a faster pace and solve more complex problems. This course meets the state Algebra 2 standards. Student ownership of a graphing calculator (TI83/84/Nspire) is highly recommended.

Algebra 2 STEM
Level: H Credit: 1 Grade: 9-10
Prerequisite: Algebra 1 and Geometry
This course is designed for students desiring to accelerate their math instruction in order to prepare for AP Calculus and/or AP Statistics. It is intended for high performing math students who, as a minimum, have successfully completed Algebra 1. Content consists of an in-depth study of functions, patterns, relations, and concepts of number systems. The course extends and incorporates concepts developed in Algebra 1. Students are expected to use scientific calculators, graphing calculators, and/or computers throughout the year. As an honors weighted course students will be expected to move at a faster pace and solve more complex problems. As an AP Prep course, students will be expected to take this course earlier than their peers and will be expected to move at a fast pace and solve most complex problems. This course meets the state Algebra 2 standards. Student ownership of a graphing calculator (TI83/84/Nspire) is highly recommended.

Algebra 3
Level: CP Credit: 1 Grade: 11–12
Prerequisites: Algebra 2
This course is designed for college preparatory students and focuses on the development of the student's ability to understand and apply the study of functions and advanced mathematics concepts. The course will include a study of polynomial, rational, exponential, logarithmic, and trigonometric functions. It is a bridge between Algebra 2 and Pre-Calculus, or for those students who desire additional algebra before entering a college level math class. (Math credit should not be given for Algebra 3 after the successful completion of Pre-Calculus) Student ownership of a graphing calculator (TI-83/84/Nspire) is highly recommended.

Pre-Calculus

Level: H Credit: 1 Grade: 11-12

Prerequisite: Algebra 2

This course is designed for college preparatory students and others desiring a formal background in mathematics. It is designed for average to above-average students who have successfully completed the prerequisite sequence. This course will include an in-depth study of polynomial, rational, exponential, logarithmic, and trigonometric functions. The course content consists of a survey of advanced mathematical topics including a thorough treatment of trigonometric concepts. As an honors weighted course students will be expected to move at a faster pace and solve more complex problems. Student ownership of a graphing calculator (TI83/84/Nspire) is recommended.

Pre-Calculus GT/ACC

Level: H Credit: 1 Grade: 11-12

Prerequisite: Algebra 2

This course is designed for college preparatory students and others desiring a formal background in mathematics. It is designed for average to above-average students who have successfully completed the prerequisite sequence. This course will include an in-depth study of polynomial, rational, exponential, logarithmic, and trigonometric functions. The course content consists of a survey of advanced mathematical topics including a thorough treatment of trigonometric concepts. As an AP Prep course, students will be expected to take this course earlier than their peers and will be expected to move at a fast pace and solve mostly complex problems. This course at the AP Prep level provides a strong mathematical background for the students who will pursue AP Calculus in the 12th grade. Student ownership of a graphing calculator (TI-83/84/Nspire) is required.

STEM Pre-Calculus

Level: H Credit: 1 Grade: 11-12

Prerequisite: Algebra 2

This course is designed for students desiring to accelerate their math instruction in order to prepare for AP Calculus and/or AP Statistics. This course will include an in-depth study of polynomial, rational, exponential, logarithmic, and trigonometric functions. The course content consists of a survey of advanced mathematical topics including a thorough treatment of trigonometric concepts. As an AP Prep course, students will be expected to take this course earlier than their peers and will be expected to move at a fast pace and solve most complex problems. Student ownership of a graphing calculator (TI-83/84/Nspire) is recommended.

Pre-Calculus MYP

Level: H Credit: 1 Grade: 11-12

Prerequisite: Algebra 2

This course is designed for students desiring to accelerate their math instruction in order to prepare for AP Calculus and/or AP Statistics. This course will include an in-depth study of polynomial, rational, exponential, logarithmic, and trigonometric functions. The course content consists of a survey of advanced mathematical topics including a thorough treatment of trigonometric concepts. As an AP Prep course, students will be expected to take this course earlier than their peers and will be expected to move at a fast pace and solve most complex problems. Student ownership of a graphing calculator (TI-83/84/Nspire) is recommended.

AP Calculus (AB)

Level: AP Credit: 1 Grade: 12

Prerequisite: Differential Calculus

This course with Differential Calculus consists of a full academic year of work in Calculus and related topics comparable to courses in colleges and universities. It is offered as an Advanced Placement course in the senior year for mathematically able students who have completed all of the prerequisites for a combined course in elementary functions and calculus prior to grade 12. The course is consistent with the Advanced Placement standards as outlined by the College Entrance Examination Board. All students are required to take the College Board administered examination. Student ownership of a graphing calculator (TI83/84/89/Nspire) is recommended.

AP Calculus (BC)

Level: AP Credit: 1 Grade: 12

Prerequisite: Differential Calculus

This course with Differential Calculus is an intensive full year course in the calculus of functions of a single variable. In addition to all of the topics of Calculus AB, Calculus BC course includes other topics such as infinite series and differential equations. The course is consistent with the Advanced Placement standards as outlined by the College Entrance Examination Board. All students are required to take the College Board administered examination. Student ownership of a graphing calculator (TI-83/84/89/Nspire) is recommended.

Differential Calculus

Level: H Credit: 1 Grade: 12

Prerequisite: Pre-Calculus

This course will provide a review of Pre-Calculus topics that are essential for the student of Calculus. Content consists of evaluating limits and determining the continuity of a function. All rules of differentiation will be covered, including natural logarithms, exponentials, and inverse trig functions. Applications of derivatives will include optimization, related rates, rectilinear motion, Newton's method and graphic techniques. Student ownership of a graphing calculator (TI83/84/89/Nspire) is recommended.

Geometry

Level: CP Credit: 1 Grade: 9-10

Prerequisite: Algebra 1

This course is designed to utilize mathematical proof in the development of two-and three-dimensional geometric properties and meets the state Geometry Standards. Emphasis is placed on student discovery and exploration and on formulating and defending conjectures. Geometry includes an in-depth study of reasoning, polygons, congruence, similarity, right triangles, circles, area, volume, and transformations. Students will use a variety of approaches such as coordinated, transformational, and axiomatic systems. They will also develop an appreciation for the connections between geometry and other disciplines.

Geometry

Level: H Credit: 1 Grade:9-10

Prerequisite: Algebra 1

This course is designed to utilize mathematical proof in the development of two-and three-dimensional geometric properties and meets the state Geometry Standards. Emphasis is placed on student discovery and exploration and on formulating and defending conjectures. Geometry includes an in-depth study of reasoning, polygons, congruence, similarity, right triangles, circles, area, volume, and transformations. Students will use a variety of approaches such as coordinated, transformational, and axiomatic systems. They will also develop an appreciation for the connections between geometry and other disciplines. As an honors weighted course students will be expected to move at a faster pace and solve more complex problems.

Geometry GT/ACC

Level: H Credit: 1 Grade: 9-10

Prerequisite: Algebra 1

This course will offer inquiry-based, hands-on activities with real world connections using TI-Nspire calculators and data collection technology. This course is designed to utilize mathematical proof in the development of two-and three-dimensional geometric properties and meets the state Geometry Standards. Emphasis is placed on student discovery and exploration and on formulating and defending conjectures. Geometry includes an in-depth study of reasoning, polygons, congruence, similarity, right triangles, circles, area, volume, and transformations. Students will use a variety of approaches such as coordinated, transformational, and axiomatic systems. They will also develop an appreciation for the connections between geometry and other disciplines. As an honors weighted course students will be expected to move at a faster pace and solve more complex problems.

STEM Geometry
West Florence Only
Level: H Credit: 1 Grade: 9-10
Prerequisite: Algebra I
This course is designed to utilize mathematical proof in the development of two-and three-dimensional geometric properties and meets the state Geometry Standards. Emphasis is placed on student discovery and exploration and on formulating and defending conjectures. Geometry includes an in-depth study of reasoning, polygons, congruence, similarity, right triangles, circles, area, volume, and transformations. Students will use a variety of approaches such as coordinated, transformational, and axiomatic systems. They will also develop an appreciation for the connections between geometry and other disciplines. As an honors weighted course students will be expected to move at a faster pace and solve more complex problems. As a STEM course, this course will offer inquiry-based, hands-on activities with real world connections using TI-Nspire calculators and data collection technology.

Geometry MYP
Level: H Credit: 1 Grade:9-10
Prerequisite: Algebra I
This course is designed to utilize mathematical proof in the development of two-and three-dimensional geometric properties and meets the state Geometry Standards. Emphasis is placed on student discovery and exploration and on formulating and defending conjectures. Geometry includes an in-depth study of reasoning, polygons, congruence, similarity, right triangles, circles, area, volume, and transformations. Students will use a variety of approaches such as coordinated, transformational, and axiomatic systems. They will also develop an appreciation for the connections between geometry and other disciplines. As an AP Prep course, students will be expected to take this course earlier than their peers and will be expected to move at a fast pace and solve most complex problems.

International Baccalaureate Mathematics – Analysis and Approaches Sl
Level: IB Credit: 1 Grade: 11 or 12
This course is intended for students who wish to pursue studies in mathematics at university or subjects that have a large mathematical content; it is for students who enjoy developing mathematical arguments, problem solving and exploring real and abstract applications with and without technology.

International Baccalaureate Mathematics – Analysis and Approaches Hl 1
Level: IB Credit: 1 Grade: 11 or 12
Prerequisite: Algebra 2 or teacher recommendation
This course is intended for students who wish to pursue studies in mathematics at university or subjects that have a large mathematical content; it is for students who enjoy developing mathematical arguments, problem solving, and exploring real and abstract applications, with and without technology.

International Baccalaureate Mathematics – Application and Interpretation Sl
Level: IB Credit: 1 Grade: 11 or 12
Prerequisite: Geometry or teacher recommendation
This course is designed for students who enjoy describing the real world and solving practical problems using mathematics. Those who are interested in harnessing the power of technology alongside exploring mathematical models and enjoy the more practical side of mathematics.

Structures of High School Math 1 (Elective Course)
Level: CP Credit: 1 Grade: 9
This course is required for students who qualify for academic enrichment under the guidelines established by the State Department of Education. Course credit cannot be applied toward the minimum mathematics requirement for graduation, but may be awarded as elective credit.

Structures of High School Math 2

Level: CP Credit: 1 Grade: 10

This course is designed to provide assistance to students who took Foundations In Algebra and are preparing for Intermediate Algebra. Course credit cannot be applied toward the minimum mathematics requirement for graduation, but may be awarded as elective credit. Successful Completion of Foundations in Algebra or a D in Algebra 1 with anticipated placement in Intermediate Algebra.

Probability and Statistics

Level: CP Credit: 1 Grade: 11-12

Prerequisite: Algebra 1

This full unit course is designed for the exploration and interpretation of statistical data. In probability, students will make predictions based on collected data. Since the graphing calculator will be utilized in this course, student ownership of a graphing calculator (TI-83/84/Nspire) is highly recommended. Computer technology will be an integral part of the course.

Probability and Statistics

Level: H Credit: 1 Grade: 11-12

Prerequisite: Algebra 1

This full unit course is designed for the exploration and interpretation of statistical data. In probability, students will make predictions based on collected data. Since the graphing calculator will be utilized in this course, student ownership of a graphing calculator (TI-83/84/Nspire) is recommended. Computer technology will be an integral part of the course. As an honors weighted course students will be expected to move at a faster pace and solve more complex problems.

STEM Probability and Statistics

West Florence Only

Level:H Credit:1 Grade: 11-12

Prerequisite: Algebra 1

This full unit course is designed for the exploration and interpretation of statistical data. In probability, students will make predictions based on collected data. Since the graphing calculator will be utilized in this course, student ownership of a graphing calculator (TI-83/84/Nspire) is recommended. As an honors weighted course students will be expected to move at a faster pace and solve more complex problems. As a STEM course this course will offer inquiry-based, hands-on activities with real world connections using TI-Nspire calculators and data collection technology.

SAT/ACT Math Test Preparation

Level: CP Credit: 1 Grade: 10-12

Prerequisite: Algebra 1 and Geometry

SAT/ACT Math is an elective course recommended for college bound students who wish to become better prepared for the SAT and/or ACT. The course emphasizes effective test- taking strategies as an integral part of a review of the concepts of arithmetic, algebra, geometry, and problem solving. Course credit cannot be applied toward the minimum mathematics requirement for graduation, but may be awarded as elective credit. Student ownership of a graphing calculator (TI83/84/ Nspire) is recommended.

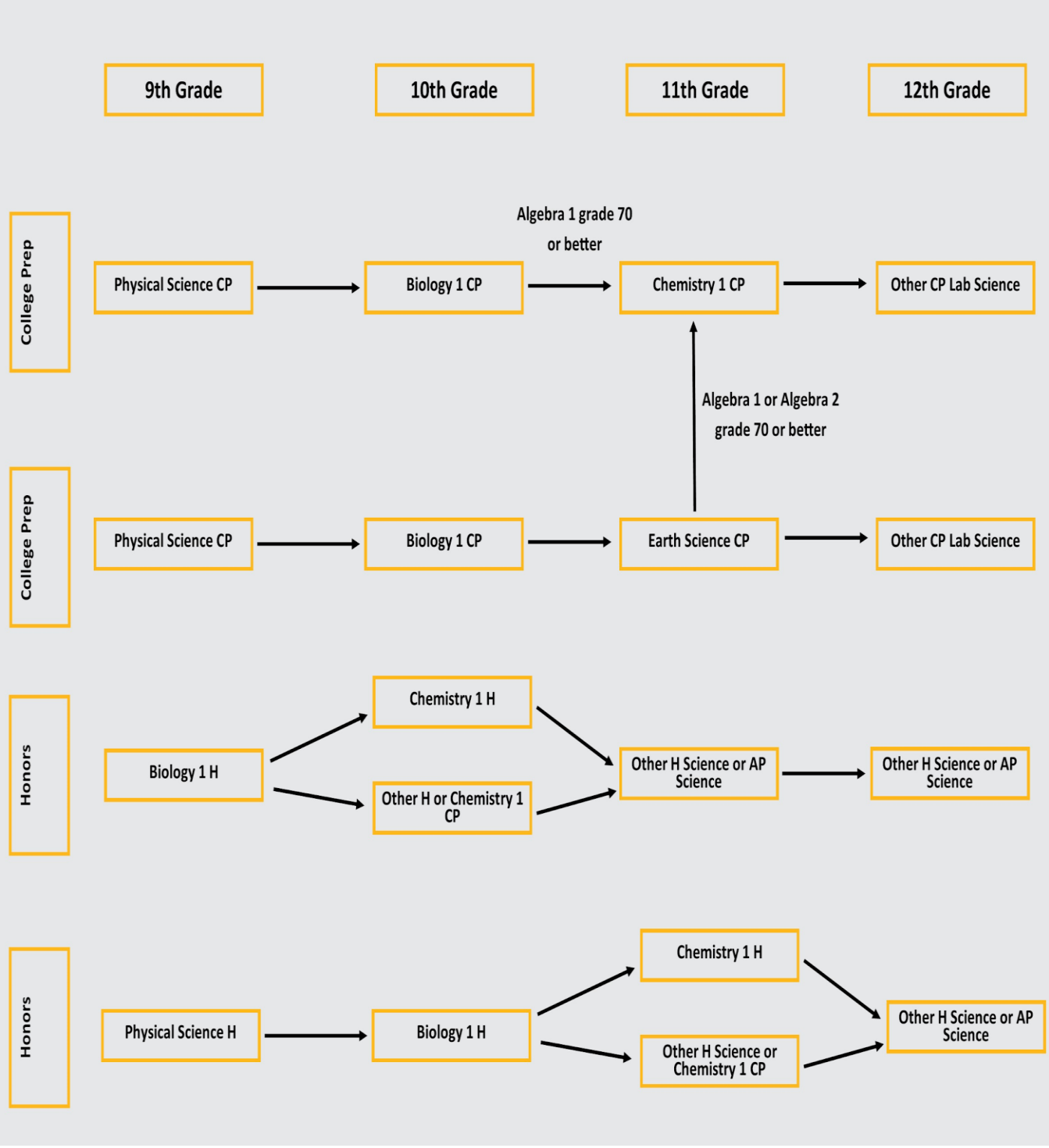
AP Statistics

Level: AP Credit: 1 Grade: 11-12

Prerequisite: Algebra 2 H

This course is designed to prepare high school students for post high school science, mathematics, business, and social science courses with the emphasis on receiving college credit via the College Board's Advanced Placement Statistics Examination. The course focuses on four themes: exploring data, planning a study, anticipating patterns, and statistical inference. Student ownership of a graphing calculator TI83/84/89/Nspire is recommended.

SCIENCE


9th Grade
10th Grade
11th Grade
12th Grade
College Prep
Physical Science CP
Biology 1 CP
Algebra 1 grade 70 or better
Chemistry 1 CP
Other CP Lab Science
Algebra 1 or Algebra 2 grade 70 or better
College Prep
Physical Science CP
Biology 1 CP
Earth Science CP
Other CP Lab Science
Honors
Biology 1 H
Chemistry 1 H
Other H or Chemistry 1 CP
Other H Science or AP Science
Other H Science or AP Science
Honors
Physical Science H
Biology 1 H
Chemistry 1 H
Other H Science or Chemistry 1 CP
Other H Science or AP Science

Anatomy and Physiology
Level: CP Credit: 1 Grade: 11-12
Prerequisite: Biology 1
Anatomy and Physiology is an in-depth survey course devoted to the structures and functions of the various systems in the human body. Extensive laboratory investigations, including dissections, are an important component of this course.

Anatomy and Physiology
Level: H Credit: 1 Grade: 11-12
Prerequisite: Biology 1
Anatomy and Physiology is an in-depth survey course devoted to the structures and functions of the various systems in the human body including tissues, integumentary, skeletal, muscular, and nervous systems; sensory organs, cardiovascular, respiratory, and digestive systems. Extensive laboratory investigations, including dissections, are an important component of this course. The honors level course is designed to accelerate and enrich core curriculum by differentiating the content, process, pace, and work completed by the student. Students enrolled in this course will be required to work with more intensity, at a deeper level, and produce a wider range of more complex material.

Biology 1
Level: CP Credit: 1 Grade: 10-12
Prerequisite: Physical Science CP
Biology 1 is a required course for a SC diploma and is the foundational course for more advanced study in the life sciences. 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.) The Biology End-of-Course exam will be given at the completion of this course.

Biology 1
Level: H Credit: 1 Grade: 9-12
Prerequisite: Physical Science CP
Biology 1 is a required course for a SC diploma and is the foundational course for more advanced study in the life sciences. Major topics of study include the cell, molecular basis of heredity, biological evolution, and regulation and behavior. All students will take the state required End of Course exam in Biology. The honors level course is designed to accelerate and enrich core curriculum by differentiating the content, process, pace, and work completed by the student. Students enrolled in this course will be required to work with more intensity, at a deeper level, and produce a wider range of more complex material. Extensive laboratory investigations are an integral part of this course. Independent and group investigations and research are conducted throughout the course.

Biology 2
Level: CP Credit: 1 Grade: 11-12
Prerequisite: Biology 1
Biology 2 provides students with a more in-depth study of life science concepts. Successful completion of Biology 1 prior to enrolling in this course is necessary. It goes beyond the topics covered in Biology 1. The main approach is a phylogenetic approach to the study of the six kingdoms. It will include taxonomic surveys of the kingdoms, morphology of organisms, and the relationships between them. Dissection is also a major component of this course.

Biology 2
Level: H Credit: 1 Grade: 11-12
Prerequisite: Biology 1
Biology 2 provides students with a more in-depth study of life science concepts. Successful completion of Biology 1 prior to enrolling in this course is necessary. It goes beyond the topics covered in Biology 1. The main approach is a phylogenetic approach to the study of the six kingdoms. It will include taxonomic surveys of the kingdoms, morphology of organisms, and the relationships between them. Dissection is also a major component of this course. The honors level course is designed to accelerate and enrich core curriculum by differentiating the content, process, pace, and work completed by the student. Students enrolled in this course will be required to work with more intensity, at a deeper level, and produce a wider range of more complex material.

Biology 2 AP Prep

Level: H Credit: 1 Grade: 11-12

Prerequisite: Biology 1H

Students enrolled in AP Prep Biology 2 must also be enrolled in AP Biology in the spring semester, as they are paired courses. AP Prep Biology 2 moves beyond Biology 1 with an in-depth study of Ecology, Biochemistry, Cellular Structure, Transport and Communication, Metabolism, Cellular Energetics, and Human Anatomy and Physiology. Extensive laboratory work will be an important component of the course. Students cannot receive credit for both Biology 2 and AP Prep Biology 2.
This course counts as a lab science.

Biology 1 and 2 HL

Level: IB Credit: 1 each Grade: 11-12

Prerequisites: B in Biology 1 and Chemistry 1

IB students will take IB Bio in 11th grade designed to be the equivalent of an introductory level college biology course, usually taken by science majors, this is the required higher level (HL) biology lab course for IB Diploma candidates. The course includes the required 90 teaching hours of the subject specific core plus one option in ecology and conservation and 60 hours of lab experience including a 10 hour IA and 10 hour interdisciplinary Group 4 project.

AP Biology

Level: AP Credit: 1 Grade: 11-12

Prerequisite: Biology 1H, Chemistry 1H highly recommended

This course provides college credit for those students who score sufficiently high on the College Bound Examination. The curriculum, as specified by the College Entrance Examination Board will be followed without modification. Successful completion of Biology 1 is necessary and completion of Chemistry 1 is highly recommended. All students enrolled in the AP Biology course are required to take the College Board administered examination. In-depth laboratory investigations are a major component of AP Biology.

Chemistry 1

Level: CP Credit: 1 Grade: 10-12

Prerequisite: Biology 1 and C or better in Algebra 1 or 2

This course is designed to provide an introduction to major chemistry concepts and engage students in laboratory experiences that will allow students to utilize scientific and engineering practices including, problem solving, decision making, critical thinking, and applied learning in order to demonstrate knowledge and understanding of: atomic structure, structures and classification of chemical compounds, structure and behavior of the different states of matter, nature and properties of various types of chemical solutions including acids and bases, types, causes, and the effects of chemical reactions, and the conservation of energy and energy transfer. This course requires a working knowledge of algebra for success.

Chemistry 1

Level: H Credit: 1 Grade: 10-12

Prerequisite: Biology 1 and B or better in Algebra 1 or 2

This course is designed to provide an introduction to major chemistry concepts and engage students in scientific and engineering practices including, problem solving, decision making, critical thinking, and applied learning in order to demonstrate knowledge and understanding of: atomic structure, nature and properties of various types of chemical solutions including acids and bases, types, causes, and the effects of chemical reactions, and the conservation of energy and energy transfer. This course will accelerate and enrich the core curriculum by differentiating the content, process, pace and expectations of work completed by the student. This course requires a working knowledge of algebra 1 for success. This course includes learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in Chemistry and the Profile of the South Carolina Graduate. Depth in rigor, complexity, challenges and creativity beyond the CP level course is required in the honors level course content.

Chemistry 2
Level: CP Credit: 1 Grade: 11-12
Prerequisite: Physical Science and Algebra 1
Chemistry 2 is a course for college bound students. The students in this course develop laboratory skills necessary for high level science courses. Content areas include: solutions, gas laws, acids and bases, kinetics and equilibrium, thermochemistry, electrochemistry, and organic chemistry.

Chemistry 2
Level: H Credit: 1 Grade: 11-12
Prerequisite: Physical Science and Algebra 1
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 solutions, gas laws, acids and bases, thermodynamics, equilibrium and electrochemistry. Emphasis is placed on problem solving and critical thinking. The honors level course is designed to accelerate and enrich core curriculum by differentiating the content, process, pace, and work completed by the student. Students enrolled in this course will be required to work with more intensity, at a deeper level, and produce a wider range of more complex material.

Chemistry 2 AP Prep
Level: H Credit: 1 Grade: 11-12
Prerequisite: Chemistry 1H, concurrent enrollment in Pre-Calculus is recommended
Students enrolled in AP Prep Chemistry 2 must also be enrolled in AP Chemistry in the spring semester, as they are paired courses. Students will build a deeper understanding of concepts introduced in Chemistry 1 along with additional study of gas laws, solutions, equilibrium, acid-base chemistry, bonding, electrochemistry, and thermodynamics. Extensive laboratory work requiring detailed quantitative analysis will be an important part of the course. **Students cannot receive credit for both Chemistry 2 and AP Prep Chemistry 2.**

AP Chemistry
Level: AP Credit: 1 Grade: 11-12
Prerequisite: Teacher recommendation
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. In-depth laboratory investigations are a major component of AP Chemistry. All students enrolled in the AP Chemistry course are required to take the College Board administered examination.

Chemistry SL
Level: IB Credit: 1 Grade: 11-12
This course will follow an IB-designated curriculum and includes the study of stoichiometry, atomic theory, periodicity, bonding, states of matter, energetics, kinetics, equilibrium, acids and bases, oxidation and reduction, and organic chemistry. All areas will include relevant laboratory investigations and all students will be required to maintain and submit a cumulative laboratory notebook. Students will also be required to complete the interdisciplinary Science Group 4 Research Paper. Students will be prepared to take the IB Chemistry SL exam. This is the first part of a two-year course of study for students who will take the IB Chemistry HL exam in the senior year.

Chemistry SL Seminar
Level: IB Credit: 1 Grade: 11-12
This is the first of a two-course sequence that prepares students for the IB Chemistry Standard Level Exam. Students learn the chemical principles that underpin both the physical environment and bio-logical systems through the study of quantitative chemistry, atomic structure, periodicity, bonding, energetics, kinetics, equilibrium, acids and bases, oxidation and reduction, organic chemistry and measurement and data processing.

Environmental Science

Level: CP Credit: 1 Grade: 11-12

Prerequisite: Passing Biology 1

This course is designed to introduce students to the natural environment with an emphasis on overexploitation of our resources, habitat destruction, and problems caused by pollution. Students will study ecosystems, natural resources, methods of conservation, and the effect humans have on all aspects of the environment. **Some colleges do not consider Environmental Science to be a lab science. Students should check with their college of choice to verify.**

AP Prep Environmental Science

Level: H Credit: 1 Grade: 11-12

Prerequisite: Biology 1 and Chemistry 1

This interactive course is a study of the principles of ecology and the impact of humans on the environment including topics such as land use, resource conservation, biodiversity, and population growth. Current events such as climate change, pollution, and alternative energy sources will also be addressed. Students will use problem-based learning strategies to heighten their awareness and understanding of environmental processes so they can make sound decisions concerning their personal, professional, and political lives. Students will be expected to engage in routine field observations, conduct research, and complete projects. Students enrolled in AP Prep Environmental Science must also be enrolled in AP Environmental Science in the spring semester, as they are paired courses. **Students cannot receive credit for both Environmental Science and AP Prep Environmental Science.**

AP Environmental Science

Level: AP Credit: 1 Grade: 11-12

Prerequisite: AP Prep Environmental Science

This course is designed to be the equivalent of a one-semester introductory college course in environmental science. The goal of the course is to provide students with scientific principles, concepts and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems and to examine alternative solutions for resolving and/or preventing them. The College Board determines the course description; therefore, the content of this course must adhere to those requirements.

Earth Science

Level: CP Credit: 1 Grade: 11-12

Prerequisite: Passing Biology 1

This Earth science course is designed to interpret and understand the world around you. In order to do so, students will investigate and study the interactions between the four major Earth's spheres, including the geosphere, atmosphere, hydrosphere and biosphere in order to explain Earth's formation, processes, history, landscapes, how and why Earth changes over time. The course will also explore how current actions of man interact and affect Earth's spheres leading to local and global changes. Topics to be addressed include, but are not limited to, the scientific method, mapping Earth's surface, minerals, plate tectonics, earthquakes, volcanoes, geologic time, meteorology, and astronomy. Students will participate in laboratory exercises, small group activities, web based investigations, class discussions, projects, and research.

Marine Biology

Level: CP Credit: 1 Grade: 10-12

Prerequisite: CP level - Biology 1

This science laboratory course examines the various organisms and physical factors that influence our oceans, beaches, and wetlands. Laboratory experiences are an important component of this course including required dissections of marine organisms, which enhance the study of these unique animals.

Marine Biology

Level: H Credit: 1 Grade: 10-12

Prerequisite: H level – Biology 1 and Chemistry 1

This science laboratory course examines the various organisms and physical factors that influence our oceans, beaches, and wetlands. Laboratory experiences are an important component of this course including required dissections of marine organisms, which enhance the study of these unique animals. The honors level course is designed to accelerate and enrich core curriculum by differentiating the content, process, pace, and work completed by the student. Students enrolled in this course will be required to work with more intensity, at a deeper level, and produce a wider range of more complex material.

Physical Science

Level: CP Credit: 1 Grade: 9

This course is designed to give students an understanding of the fundamental concepts in physical science. Course content includes the structure and properties of matter, chemical reactions, motion and forces, conservation of energy, and interactions of matter and energy. Topics are incorporated in both classroom and laboratory minds-on and hands-on investigations. **This course does NOT count as a lab science.**

Physical Science

Level: H Credit: 1 Grade: 9

This course is designed to give students an understanding of the fundamental concepts in physical science. Course content includes the structure and properties of matter, chemical reactions, motion and forces, conservation of energy, and interactions of matter and energy. Topics are incorporated in both classroom and laboratory minds-on and hands-on investigations. The honors level course is designed to accelerate and enrich core curriculum by differentiating the content, process, pace, and work completed by the student. Students enrolled in this course will be required to work with more intensity, at a deeper level, and produce a wider range of more complex material. **This course does NOT count as a lab science.**

Physics 1

Level: H Credit: 1 Grade: 11-12

Prerequisite: C or better in Algebra 2

This laboratory-oriented science course focuses on mechanics and energy. Areas of investigation include forces, velocity, acceleration, gravity, circular motion, work, power, and energy. The honors level course emphasizes a mathematical approach with extensive laboratory experiences, research, and projects.

Physics 1 AP Prep

Level: AP Credit: 1 Grade: 11-12

Prerequisite: Physics 1

Students enrolled in AP Prep Physics must also be enrolled in AP Physics 1 in the spring semester, as they are paired courses. This rigorous course goes at a fast pace and covers more material in greater depth than Honors Physics. The course focuses on mechanics and energy. Areas of investigation include forces, velocity, acceleration, gravity, circular motion, work, power, and energy. Students are expected to write out explanations of how they solved problems and how they relate to the concepts and objectives taught. Students cannot receive credit for both Physics 1 and AP Prep Physics 1.

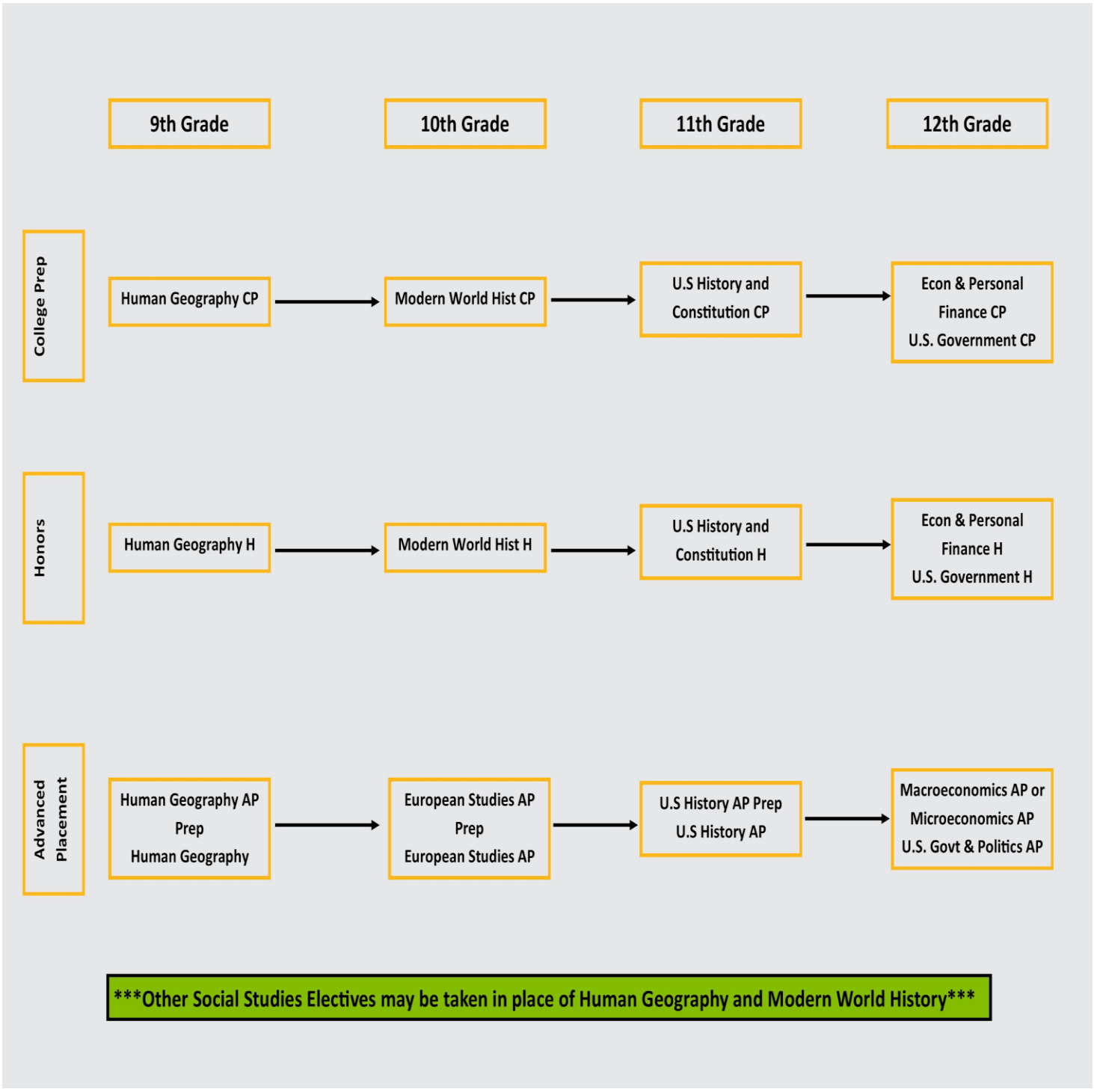
AP Physics 1

Level: AP Credit: 1 Grade: 11-12

Prerequisite: Teacher recommendation

AP Physics 1 provides a systematic approach to scientific modeling, use of mathematics for problem solving, scientific investigations, data collection and analysis, ability to work with theories, and an understanding of the knowledge of various scales. The course is equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits. Learning strategies include drills in methods of problem solving, demonstrations, and a variety of open-ended laboratory activities. The course is focused on a series of learning objectives that clarify the knowledge and skills students should demonstrate to qualify for college credit and placement. Each learning objective combines physics content with foundational science practices. Students enrolled in the course are required to take the Advanced Placement examination for possible college credit.

SOCIAL STUDIES



African American History
Level: CP Credit: ½ Grade: 9-12
African Americans have made significant contributions to the economic, political, social, and cultural development of the United States. Through this course, students discover how African Americans have always been an integral part of the American experience. However, African Americans have also been a viable force unto themselves with their own experiences, culture, and aspirations. African American history cannot be understood except in the broader context of the United States' history.

American Studies
Wilson Only
Level: CP Credit: 1 Grade: 9 -12
American Studies is an elective offered to students as an introduction to U.S. History, which they will take in their junior year. It is a course covering the discovery of America to late twentieth century United States History. Major economic, political, social, and cultural themes, as well as personalities associated with U.S. history, are covered. NOTE: This course is an elective.

AP Comparative Government and Politics
Level: AP Credit: 1 Grade: 11-12
Comparative Government is a semester long college level political science course that provides students with: a concrete understanding of the scientific method behind political comparison, a well-developed sense of political theory, and a "real world" understanding of global studies through specific analysis of 6 different political entities. Throughout the course of the semester students will be learning the process that political scientists use to analyze and evaluate political systems, and then applying that process to the case studies. Upon completion of the Comparative Government class, students will be equipped to understand and evaluate current geopolitical issues in an informed manner, and will have developed the tools and methodology to understand and evaluate geo-political issues that will arise in the future.

Current Events
Level: CP Credit: 1/2 Grade: 9-12
This course is a local elective which offers students a forum of organized discussions of current world, state, and local events. It provides an opportunity for students to gain an awareness of the world in which they live and provides practice in using analytical and evaluative skills.

Economics & Personal Finance
Level: CP Credit: 1/2 Grade: 12
Economics is the standards-based study of the overall economy, including both macroeconomics and microeconomics, with an emphasis on using, refining, applying and enhancing social studies skills and concepts to the content under study. These skills and concepts include the Social Studies Literacy Elements and the Knowledge and Cognitive Process Dimensions of the Revised Bloom's Taxonomy. Students will focus on topics such as money and banking, competition, supply and demand, factors of production, consumer rights and responsibilities, and personal financial literacy. Economics is required for graduation.

Economics & Personal Finance
Level: H Credit: 1/2 Grade: 12
Economics Honors provides a standards-based study of the overall economy including both macroeconomics and microeconomics. Students will focus on topics such as money and banking, competition, supply and demand, factors of production, consumer rights and responsibilities, and personal financial literacy. At the honors level students will read supplementary materials and analyze, synthesize, and evaluate new information as they develop critical thinking skills. It is strongly recommended that students have Honors English and Honors Math placement. Economics is required for graduation.

AP European History
West Florence Only
Level: AP Credit: 1 Grade: 10-12
Prerequisite: Introduction to European Studies AP European History builds an understanding of the significant themes in modern European history and develops knowledge of Europe's role in world affairs. Beginning with the High Renaissance, this college-level course emphasizes intellectual and social as well as political history. Special emphasis will be placed on the writing and interpretations of historians. It is strongly recommended that students have Honors or AP English placement. Students are required to take the AP examination in May. This is an elective.

European Studies AP Prep
West Florence Only
Level: H Credit: 1 Grade: 10-12
Introduction to European Studies is the prerequisite for the AP European History course. This challenging course is taught at the same level and intensity as the Advanced Placement class with which it is partnered. The course covers the foundations and development of Europe from its post Roman origins through the end of the 18th century. Key personalities, events, and, especially, the political, economic, social, and intellectual themes will be covered.

AP Human Geography
Level: AP Credit: 1 Grade: 9
This is a college level course. The purpose of the AP Human Geography course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. All students are required to take the Advanced Placement examination. NOTE: This course is an elective.

History of the Americas HL
Level: IB Credit: 1 Grade: 11-12
This is the second of a two-course sequence that prepares students for the IB Higher Level Exam taken at the end of the senior year. Students undertake a systematic and critical study of human experience; physical, economic, and social environments and the history and development of social and cultural institutions. Students develop the ability to analyze critically and evaluate theories, concepts and arguments about individuals and societies. They learn to collect, describe and analyze, and interpret complex data and source material of history.

Law Education
South Florence and West Florence Only
Level: CP Credit: 1/2 Grade: 9-12
Law Education provides students with an introduction to personal and practical law. The course is designed to help students understand how the law works in their daily lives, how law strives to promote fairness, and how it applies to individual rights. NOTE: This course is an elective.

AP Macroeconomics
South Florence and West Florence Only
Level: AP Credit: 1 Grade: 12
The purpose of this course is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. Such a course places particular emphasis on the study of national income and price-level determination. It also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. All students are required to take the advanced placement examination.

Multicultural Studies
Level: CP Credit: ½ Grade 9-12
Multicultural Studies is a quarter elective history and sociology course that examines the United States as a multicultural nation. The course emphasizes the perspectives of minority groups while allowing students from all backgrounds to better understand and appreciate how race, culture and ethnicity, and identity contribute to their experiences. Major topics in the course include identity, immigration, assimilation and distinctiveness, power and oppression, struggles for rights, regionalism, culture and the media, and the formation of new cultures.

New Testament
South Florence and West Florence
Level: CP Credit: 1/2 Grade: 9-12
This course introduces students to the content of the New Testament including its impact on history, religion, government, literature, and the visual and performing arts.

Psychology
Level: CP Credit: 1 Grade: 9-12
Psychology is an elective survey course dedicated to the holistic study of behavior. Topics include the biological bases of behavior, the learning process, sensation and perception, motivation and personality, defense mechanisms, testing, human growth and development, abnormal psychology, and leading theorists in the field. NOTE: This course is an elective.

Psychology
Level: H Credit: 1 Grade: 9-12
Psychology is an elective survey course dedicated to the holistic study of behavior. Topics include the biological bases of behavior, the learning process, sensation and perception, motivation and personality, defense mechanisms, testing, human growth and development, abnormal psychology, and leading theorists in the field. At the honors level this course entails a rigorous program of reading, research, writing and analyzing based on supplemental resources and case studies. It is strongly recommended that students have Honors English placement. NOTE: This course is an elective.

AP Psychology
Level: AP Credit: 1 Grade: 11-12
Advanced Placement Psychology is a rigorous college level course that will expand students' understanding of the systematic and scientific study of behavior and mental processes of human beings and animals. Students should have a strong understanding of anatomical structure and function of the human brain, the endocrine and sensory systems, and of the scientific method. Students will investigate psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students will apply their knowledge and skills to case studies, laboratory experiences, and independent field work. Students will study the therapeutic and pharmacological treatments for mental illnesses that are introduced in the honors Psychology course. Students will analyze current events and contemporary trends in human behavior based upon their prior knowledge of the human mind. By enrolling in this course, students are committing to taking the Advanced Placement Exam in May given by the College Board. Students in this course should take Honors English and Honors Anatomy & Physiology.

Sociology
Level: CP Credit: 1 Grade: 9-12
Sociology is an elective course that examines the social, political, religious, economic, and educational institutions that affect human relationships. A study of the following will be included: techniques of sociologists, socialization, norms, roles, deviant behavior, groups, social stratification, and social change. Students will also study society and social structure, social inequality and discrimination, religion, and the various theoretical perspectives as part of the class. **NOTE: This course is an elective.**

United States History and Constitution

Level: CP Credit: 1 Grade: 10-12

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. U.S. History is required for graduation. Students must take the state-required end-of-course U.S. History test as the final exam. It will count 20% of the final grade. **US History and Constitution is required for graduation.**

United States History and Constitution

Level: H Credit: 1 Grade: 10-12

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. This course will entail a rigorous program of reading, research and writing. It is strongly recommended that students have Honors English placement. U.S. History is required for graduation. Students must take the state-required end-of-course U.S. History test as the final exam. It will count 20% of the final grade. **US History and Constitution is required for graduation.**

United States Government

Level: CP Credit: 1 Grade: 9-12

U.S. Government Honors incorporates the structure organization and function of the American political system. Topics studied include: foundations of the United States government, the three major branches of government, and the Constitution. Students will study the details of the political system at the national, state, and local levels. Comparisons will be made between American government and other political systems. At the honors level students will read supplementary materials and analyze, synthesize, and evaluate new information as they develop critical thinking skills. U.S. Government is required for graduation.

United States Government

Level: H Credit: 1 Grade: 9-12

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AP United States Government and Politics

Level: AP Credit: 1 Grade: 12

This course follows the curriculum prescribed by the College Board and is designed to present students with an analytical perspective on government and politics in the United States. Its goals are to help students develop a critical understanding of the strengths and weaknesses of the American political system and recognize their rights and responsibilities as citizens. It also requires students to become familiar with the various institutions, groups, beliefs, and ideas that constitute the U.S. political system. Students will take the AP U.S. Government and Politics exam in May. A US Government course is required for graduation.

AP United States History

Level: AP Credit: 1 Grade: 11

This course follows the curriculum prescribed by the College Board. It is an intensive study of the United States History, which includes critical analysis, historical interpretation, and extensive reading. Specific emphasis is placed on the social, economic, and political trends that have defined the history of the United States in domestic and foreign affairs. There is also a strong emphasis on document analysis and historical writing.

Students take the AP US History exam in May and the SC

End-of-Course Exam for United States History and Constitution at the end of this course. US History and Constitution is required for graduation.

United States History AP Prep
Level: H Credit: 1 Grade: 10-11
United States History (AP Prep) is an elective offered to students in preparation for AP U.S. History, which they may take in their junior year. It is the prerequisite for the AP United States History course. This challenging course is taught at the same level and intensity at the Advanced Placement class with which it is partnered. It is taught as a college course and requires independent research by the student, as well as parallel readings and the analysis of primary sources. The AP Prep course is recommended for students who anticipate taking AP or Honors U.S. History in their junior year.

Human Geography (World Geography)
Level: CP Credit: 1 Grade: 9-12
Students study Earth's 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. **NOTE: This course is an elective.**

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Modern World History
Level: CP Credit: 1 Grade: 10
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.

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Level: H Credit: 1 Grade: 10
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World Religions
Level: CP Credit: 1/2 Grade: 10-12
This course includes a detailed study of Judaism, Christianity, Buddhism, Hinduism, and Islam. The course will compare and contrast the world religions.

World Languages

French 1

Level: CP Credit: 1 Grade: 9-12

This course is a performance-based introduction to the language whereby students are engaged in the three modes of communication: interpretive, interpersonal, and presentational. Students are expected to attain Novice levels of aural-oral skills, listening and reading comprehension, formation of speech patterns, and writing via interaction with authentic texts and materials.

French 2

Level: CP Credit: 1 Grade: 10-12

This course is a performance-based continuation of French 1 whereby students are engaged in the three modes of communication: interpretive, interpersonal, and presentational. Students are expected to attain Novice High-Intermediate Low levels of aural-oral skills, listening and reading comprehension, formation of speech patterns, and writing via interaction with authentic texts and materials.

French 3

Level: H Credit: 1 Grade: 11-12

Requirement: Teacher Recommendation

This course is a performance-based continuation of French 2 whereby students are engaged in the three modes of communication: interpretive, interpersonal, and presentational. Students are expected to attain a solid Intermediate Low - Intermediate Mid level of aural-oral skills, listening and reading comprehension, formation of speech patterns, and writing via interaction with authentic texts and materials. Additionally students are exposed French literature.

French 4

West Florence Only

Level: H Credit: 1 Grade: 11-12

Requirement: French 3 and teacher recommendation

This course is a performance-based continuation of French 1-3 whereby students are engaged in the three modes of communication: interpretive, interpersonal, and presentational. Students are expected to attain a solid High level of aural-oral skills, listening and reading comprehension, formation of speech patterns, and writing via interaction with authentic texts and materials.

German 1

Wilson Only

Level: MYP Credit: 1 Grade: 9-12

This course entails the essentials of grammar, principles of inflection, and basic syntax. Emphasis is on pronunciation, dictation, and simple discourse. The culture and customs of this country are explored. Students develop language proficiency as they explore the three modes of communication through interaction with authentic texts and materials and performance-based activities

German 2

Wilson Only

Level: MYP Credit: 1 Grade: 10-12

This course has an emphasis on German life, art, science, literature, and similar concepts. Students develop language proficiency as they explore the three modes of communication through interaction with authentic texts and materials and performance-based activities.

German 3
Wilson Only
Level: MYP Credit: 1 Grade: 12
Requirement: Teacher recommendation
In this course students will read stories of increasing complexity and learn the vocabulary from those stories, and learn the comparative and superlative, plurals, word order, like constructions, and passive subjunctive. Students will also learn about Switzerland, Austria, and foods and drinks. Students develop language proficiency as they explore the three modes of communication through interaction with authentic texts and materials and performance-based activities.

Spanish 1
Level: CP Credit: 1 Grade: 9-12
This course is a performance-based introduction to the language whereby students are engaged in the three modes of communication: interpretive, interpersonal, and presentational. Students are expected to attain Novice levels of aural-oral skills, listening and reading comprehension, formation of speech patterns, and writing via interaction with authentic texts and materials.

Spanish 2
Level: CP Credit: 1 Grade: 10-12
This course is a performance-based continuation of Spanish 1 whereby students are engaged in the three modes of communication: interpretive, interpersonal, and presentational. Students are expected to attain Novice High-Intermediate Low levels of aural-oral skills, listening and reading comprehension, formation of speech patterns, and writing via interaction with authentic texts and materials.

Spanish 2
Level: H Credit: 1 Grade: 10-12
Requirement: Spanish 1 and Teacher Recommendation
This is a more intensive study than the Spanish 2 CP course - including additional material, numerous oral and written presentations, and the reading of a book entirely written in Spanish.

Spanish 3
Level: H Credit: 1 Grade: 11-12
This course is a performance-based continuation of Spanish 2 whereby students are engaged in the three modes of communication: interpretive, interpersonal, and presentational. Students are expected to attain a solid Intermediate Low - Intermediate Mid level of aural-oral skills, listening and reading comprehension, formation of speech patterns, and writing via interaction with authentic texts and materials. Additionally students are exposed Hispanic literature.

Spanish 4
Level: H Credit: 1 Grade: 11-12
Requirement: Spanish 3 and teacher recommendation
This course is a performance-based continuation of Spanish 1-3 whereby students are engaged in the three modes of communication: interpretive, interpersonal, and presentational. Students are expected to attain a solid High level of aural-oral skills, listening and reading comprehension, formation of speech patterns, and writing via interaction with authentic texts and materials.

PHYSICAL EDUCATION AND HEALTH

PE 1/Health
Level: CP Credit: 1 Grade: 9-12
Prerequisite: Physically able to participate A fundamental introduction to team and individual sports through skill development. Students learn the importance of fitness and lifetime activities to promote a physically active lifestyle. Comprehensive health will be taught during a portion of the course.

PE Sports
Level: CP Credit: 1 Grade: 9-12
Prerequisite: Instructors Approval
The focus of this course will be **vigorous physical fitness**. The program will include a strength training program, health related fitness, and skill related fitness in both an individual and team setting. Students in this class design individual fitness programs. **Students participating in the school athletic programs are eligible for this course with the approval of the team coach.**

MILITARY SCIENCE

These courses satisfy the one unit of Physical Education
Junior ROTC-Air Force (West Florence and Wilson) Air Force Junior ROTC teaches students more about man's heritage of flight and the future that students face. The Air Force JROTC will help students explore civilian, industrial, and military aspects of aerospace. The leadership training emphasizes self-reliance and self-discipline in the development of leadership capabilities. Students will be exposed to such subjects as human relations, management of resources, and communications. Students will have the chance to learn basic drill positions and ceremonies. **Textbooks and uniforms are furnished at no cost.**

AFJROTC 1 Aerospace Education 1
Level: CP Credit: 1 Grade: 9-12
Coursework focuses on three areas: Physical Training, Leadership Education, and Aerospace History. Students learn military customs and courtesies, wear the uniform, participate in field trips, community service, and have the opportunity to participate in after school activities. **Students can receive PE or elective credit for this course.**

AFJROTC 2 Aerospace Education 2
Level: CP Credit: 1 Grade: 9-12
Prerequisite: AFJROTC 1 & Teacher approval
The curriculum is divided into three areas: Leadership Education, Aerospace Science, and Physical Training. Specific focus areas are communication, writing, and listening skills; the study of the science of flight, and exploration of space; and a focus on geographical area studies and wellness. **Students receive elective credit for this course.**

AFJROTC 3 Aerospace Education 3
Level: CP, H Credit: 1 Grade: 11-12
Prerequisite CP: AFJROTC 1 and 2 Prerequisite Honors: 90 in AFJROTC 2 and Instructor approval
CP focuses on Leadership Education, Aerospace Science, and Physical Training. Curriculum includes life skills and career opportunities, financial management, geographical area studies, and wellness. The **Junior ROTC Honors Classes** focus on developing the cadet leaders. Honors cadets form the leadership for the entire ROTC program. Cadet leaders are directly responsible for junior cadets and will be assigned additional duties that directly affect the overall program. **Honors** students must complete an Honors project. **Students receive elective Honors credit for this course.**

AFJROTC 4 Aerospace Education 4

Level: CP, H Credit: 1 Grade: 11-12

Prerequisite CP: AFJROTC 1, 2, and 3 and Instructor *approval*

Prerequisite Honors: 90 in AFJROTC 3 and Instructor approval

The curriculum is divided into two areas: Leadership Education and Physical Training. Focus areas include principles of management, delegation, wellness, and nutrition. CP Students may have the opportunity to assume leadership roles within the cadet organization. The **honors curriculum** encourages the development of leadership and management techniques that are consistent with the US Air Force and large businesses. Honors cadets form the leadership for the entire program. Cadet leaders are directly responsible for junior cadets and will be assigned additional duties that directly affect the overall program. All honors students must complete an Honors project. **Students receive elective Honors credit for this course.**

Junior ROTC-Naval (South Florence)

Naval Junior ROTC is a course designed to instill in students the values of citizenship, service to the United States, personal responsibility and a sense of accomplishment. Classroom instruction is augmented throughout the year by extra-curricular activities of community service, academic, athletic, drill, and orienteering competitions, field meets, visits to naval or other activities, marksmanship sports training, and physical fitness.

(NJROTC 1) Naval Education 1

Level: CP Credit: 1 Grade: 9-10

Course content includes an introduction to the U.S. Navy and the NJROTC program; leadership, citizenship and the American government; an introduction to wellness, fitness, and first aid to include diet, exercise and drug awareness; an introduction to geography , orienteering, survival and map reading skills. Students will also learn the basics of military etiquette, close order drill and marksmanship.

(NJROTC 2) Naval Education 2

Level: CP Credit: 1 Grade: 10-11

Prerequisite: Naval Education 1 –Grade C or better

Course content includes ongoing instruction in leadership and an introduction to maritime history from the ancient Phoenicians to the modern era. Students will also be introduced to various aspects of the nautical sciences to include maritime geography, oceanography, meteorology, astronomy and physical science.

(NJROTC 3) Naval Education 3

Level: CP Credit: 1 Grade: 11-12

Prerequisite: Naval Education 2-Grade C or better

Course content includes instruction in sea power and national security, naval operations and support functions, military law and international law and the sea. This course also provides an introduction to ship construction and damage control, shipboard organization and watch standing, basic seamanship, marine navigation and naval weapons and aircraft.

(NJROTC 4) Naval Education 4

Level: CP Credit: 1 Grade: 11-12

Prerequisite: Naval Education 3-Grade C or better and permission of the Senior Naval Education Instructor

Course content includes instruction in the theoretical and applied aspects of leadership, training and evaluation of performance. Students will become aware of the techniques used to create motivation, develop goals and activities for a work group and the proper ways to set a leadership example. Students are provided access to ACT/SAT prep courses, guidance in selecting a college and pursuing available scholarships, and mentoring in establishing long range life goals.

Fine Arts

BAND

Band 1 and 2 (Intermediate Band)
Level CP Credit: 1 per semester (yearlong course) Grades 9-10
Prerequisite: Middle school teacher recommendation for grade 9; HS band director approval grade 10
This course is a continuation of the band from middle school where the standards based study of music techniques and literature essential to wind and percussion performance are expanded and emphasized. Course content includes required performance activities including concerts, marching, and other public and classroom performances. **Band students must sign up for fall and spring semester for admittance in this class.**

Band 3 and 4 (Advanced, Symphonic or Honor Band)
Level H Credit: 1 per semester (yearlong course) Grade: 11 or 12
Required: Audition or teacher recommendation
This course is a continuation of band that is open by audition or teacher recommendation after completion of band 2 or 3. Standards based skills development in music history, music appreciation and performance are expanded and emphasized according to advanced state sanctioned skills levels as mandated by the South Carolina Band Directors Association (SCBDA). Performance in the community, in state sanctioned music events, school and community concerts and marching are required. **Band students must sign up for fall and spring semester for admittance in this class.**

Jazz Band 1 and 2
Level: CP Credit 1 per semester Grade 9-10
Prerequisite: Teacher recommendation/audition
This course is an **audition only** band class that introduces and emphasizes the beginning playing skills required in the performance of jazz music in a small group setting. This class can include students with experience in electric guitar or piano along with traditional band instruments found in the wind/percussion family. Community, state sanctioned and school based performances are required as part of the curriculum.

Jazz Band 3 and 4
Level: H Credit 1 per semester Grade 11-12
Required: Teacher recommendation/audition
This course is an audition only band class that is a continuation of the playing skills required in the performance of jazz music in a small group setting. Community, state sanctioned and school based performances are required as part of the curriculum.

Band/Flags 1-4
Level: CP Credit: ½ unit Grade: 9-12
Prerequisite: Audition
Required: Appropriate dance attire and shoes This is an **audition only** dance class that emphasizes skills needed for the development of strength, flexibility, control and endurance necessary for a flag dance ensemble. Students will be taught how movement, dance elements, body, space, time and dynamics contribute to the functional and artistic expression needed to perform with a band ensemble or as an independent. Upper level classes will include choreography and dance design. This is a performance-based class that requires public, school, and state sanctioned performances as part of the curriculum.

Chorus 1 and 2

Level CP Credit 1-each semester Grade: 9-12

Prerequisite: None

This is a beginning chorus class open to any student. The basic singing skills are taught with emphasis upon posture, tone quality, and diction. Chorus 1 and 2 are performance-based classes. Students are required to participate in school and classroom concerts. Some classes may be gender specific such as Chorus or Men's Ensemble. **It is recommended that Chorus 1 precede auditions for the full year honors level chorus class.**

Chorus 3 and 4

Level: H Credit 1-each semester Grade: 11-12

Prerequisite: Teacher recommendation

This is a course for students with previous choral experience or teacher approval and are able to sing and perform repertoire in four-part harmony of a difficult level. Correct posture, tone quality, and diction are stressed. This is a performance based class with required public and school sponsored performances. **Students must have completed Chorus 1 and 2. It is recommended that students select fall and spring semester credit each year for successful skills development.**

Honors Chorus 1 - 4: Knight Edition, Choraliers, Tiger Production (Yearlong course)

Level: H Credit: 1 per semester Grade: 9-12

Required: Audition only honors/show choir

This standards-based course is designed for students that demonstrate advanced levels of experience in singing and performing as demonstrated through scheduled auditions held in the spring of each school year. Students must demonstrate the ability to sing and perform four-part harmony at a difficult level, sight-read printed music with above average proficiency and exhibit the ability to perform music with expression. The class curriculum requires extensive public performances, and school performances, state sanctioned events that are incorporated into the curriculum. The class will study a varied repertoire of choral music demonstrating advanced skills in choral singing. **Honors chorus students must sign up for fall and spring semester for admittance in this class.**

ORCHESTRA

Orchestra 1 - 2

Level: CP Credit 1-each semester Grade: 9-10

Prerequisite: Teacher approval

This course is a continuation of strings from middle school that emphasizes standards-based development of the techniques essential to string instruments (violin, viola, cello, and string bass). The study of music literature and appreciation of different periods and style of music will be emphasized. This is a performance-based class with required community and school performances. **It is recommended that students select fall and spring credit each year for successful skills progression.**

Orchestra 3-4 (Advanced or Chamber Ensemble)

Level: H Credit 1-each semester Grade: 10-12 Prerequisite: Audition or teacher recommendation

This standards-based course is a continuation of advanced orchestra technique, performance, and study of music literature and appreciation. This is a performance-based class that requires community and school performances as part of the curriculum. **It is recommended that students select fall and spring credit each year for successful skills progression.**

Guitar 1 and 2

Level: CP Credit: 1 Grade: 9-12

This course is designed for the beginner student with no prior music or guitar experience. Students will learn the fundamentals of guitar, note reading, and basic music theory.

Piano 1-2
Level: CP Credit: 1 Grade: 9-12
This course is designed for the beginner student with no prior music or piano experience. Students will learn the fundamentals of piano, note reading, and basic music theory.

Percussion 1-2
Level: CP Credit: 1 Grade: 9-12
Percussion is class design especially for percussionists to learn the proper techniques.

Percussion 3-4
Level: H Credit: 1 Grades: 11-12
Percussion is class design especially for percussionists to learn the proper techniques. Standards-based instrumental music skills development; music history, music appreciation, and performance are expanded and emphasized. Performance in the community in state sanctioned music events, school and community concerns, and marching are required. **Percussion students must sign up for fall and spring semester for admittance in this class.**

THEATRE ARTS

Theatre Arts 1
Level: CP Credit: 1 Grade: 9-12
This class is an introduction to the world of drama, including its history and basic elements of acting skills and techniques. Students will also learn the basic elements of the stagecraft, including lighting, set design, costumes, and makeup.

Theatre Arts 2
Level: CP Credit: 1 Grade: 10-12
Prerequisite: Theatre 1 or teacher recommendation
This course is a continuation of Theatre 1 expanding skills and techniques necessary for school and community performances. Contemporary literature for theatre study will be included in this performance based class.

Theatre Arts 3
Level: H Credit: 1 Grade: 11-12
Prerequisite: Theatre Arts 2, audition or teacher approval
This course is a performance-based class that will expand students' skills in acting with high school and community audiences. Students will participate as playwrights and researchers as they connect themes and characters to their casted roles. Students will also assist with set and prop work and help to make lighting and costume decisions.

Theatre Arts 4
Level: H Credit: 1 Grade: 11-12
Prerequisite: Theatre 3, audition or teacher approval
This **advanced course** is a performance-based class in which students will employ acting and directing skills for high school and community audiences. Students will participate as playwrights and researchers as they connect themes and characters to their casted roles. Students will make necessary lighting, set, costume, and prop decisions

Technical Theatre Arts
Level: H Credit: 1 Grade: 12
Prerequisite: Theater Arts 4 and Audition or Teacher Approval
This advanced course is a performance-based class in which students will employ acting and directing skills for high school and community audiences. Students will participate as playwrights and researchers as they connect themes and characters to their casted roles. Students will make necessary lighting, set, costume, and prop decisions.

Theatre History
Level: H Credit: 1 Grade: 9
This course is designed to increase understanding, appreciation and critical perceptions of theatre. A primary focus on the elements of theatrical practice; artists and innovators of theatre throughout history; analysis of theatrical literature; and an emphasis on theatre as an art form will be paramount.

Musical Theatre
Level: H Credit: 1 Grade: 9-12
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.

DANCE- South Florence Only

Dance 1 - 2
Level: CP Credit: 1 Grade: 9-12
Prerequisite: Teacher approval
Required: Appropriate dance attire and shoes
This standards based course is designed to allow students to begin dance instruction at the high school level. The course is performance based, but will also include the study of movement/dance vocabulary, choreographic tools, and composition principles used to evaluate dance. Students will learn dance/movement elements: body, space, time dynamics and effort. Students will participate in a school public performance. **Specific dress and shoes are required for participation in this course.**

Dance 3-4
Level: H Credit: 1 Grade: 10-12
Prerequisite: Teacher approval
Required: Appropriate dance attire and shoes
This standards-based course will further develop strength, flexibility, control, and endurance in movement/dance. This is a performance-based class that will emphasize accurate execution of steps in isolated form and choreographed combinations. Beginning techniques in many dance forms will be introduced. Public performance and specific dress and shoes are required.

Dance History
Level: H Credit: 1 Grade: 10
This class is designed for students to gain an understanding of the evolution of dance. Students will study the history of various types of dance and famous dancers as well as techniques and forms of dance.

MUSIC THEORY AND APPRECIATION

Music Appreciation (Introduction to Music)
Level: CP Credit: 1 Grade: 9-12
This introductory course in the study of music history and literature is appropriate for all college bound students. Music through the ages will be studied. **No performance skills are needed.**

Introduction to Music Theory
Level: H Credit: 1 Grade: 9
This course is designed to create a foundation for comprehending the basics of written harmony including scales, intervals, harmony, rhythm, and musical analysis. It will cover material such as pitches and scales, intervals, clefs, rhythm, form, meter, phrases, cadences, and basic harmony.

AP Music Theory
Level: AP Credit: 1 Grade: 10-12
Prerequisite: Teacher recommendation
Students of above-average ability in music may elect to take this course. The curriculum as specified by the Advanced Placement Program of the College Entrance Examination Board will be followed. **All Students enrolled in the course will be required to take the College Board administered Examination.**

VISUAL ARTS

Art 1
Level: CP Credit: 1 Grade: 9-12
This course reflects sequential art growth and understanding from one learning level to the next. All students can sign up for Art 1; however, students are promoted to higher levels on the teacher's recommendation. Some students may be promoted to Art 2 with recommendation from middle school art teachers based on class performance (i.e. attitude, cooperation, interest level and participation) as well as class evaluation (i.e., grades).

Art 2
Level: CP Credit: 1 Grade: 9-12
Prerequisite: Completion of Art 1 and Teacher recommendation
This course is a continuation of Art 1, expanding art skills and processes in studio production, criticism, and art history.

Art 3
Level: H Credit: 1 Grade: 10-12
Prerequisite: Completion of Art 2 and Teacher recommendation
This course is a continuation of Art 2 with advanced techniques in creating two and three-dimensional art work. Students are expected to be able to self-critique their work and explore in depth the style of specific artists and cultures.

Art 4
Level: H Credit: 1 Grade: 10-12
Prerequisite: Completion of Art 3 and Teacher recommendation
This course is an advanced class where students will pursue an individual exploration of specific techniques, processes, and stylistic characteristics to develop a personal portfolio of work. Students taking this course may advance to AP Studio Art and continue their portfolio.

AP Art History
Level: AP Credit: 1 Grade: 11-12
Prerequisite: Completion of Art 3 and Teacher Recommendation
This is an intensive course in the study of Art History. The course is consistent with the Advanced Placement standards as outlined by the College Entrance Examination Board. All students in AP Art History are required to complete the College Board examination.

AP 2D, 3D, or Drawing (South Florence and Wilson)
Level: AP Credit: 1 Grade: 11-12
Prerequisite: Completion of Art 3 and Teacher Recommendation
AP Art is an intensive full-year studio course offering the stimulating challenge of **college-level** study in art. The course is consistent with the Advanced Placement standards as outlined by the College Entrance Examination Board. **All students are required to submit a portfolio of their choosing (2D, 3D, or Drawing) at the completion of the course for the College Board examination.**

Digital Arts
Level: CP Credit: 1 Grades: 9-12
Students will create digital art work using Adobe Creative Suite. Historical periods and artists are compared and contrasted through reading, writing, and computer – based activities. Aesthetic valuing and criticism are infused within the curriculum through verbal and written critique of student work along with selected artwork being studied.

Graphic Design
Level: CP Credit: 1 Grades: 9-12
This course focuses on the procedures commonly used in the graphic communication and design industries. Students will gain experience in creative problem solving and the practical implementation of those solutions across multiple areas of graphic communications.

Photography
Level: CP Credit: ½ Grade 10-12
Prerequisite: B or Higher in Art 2
This course will focus on photography as an art form and include skills and techniques using digital media and other technology.

Three-Dimensional Design 1
Level: CP Credit: ½ Grade: 9-12
This Three-Dimensional Design class focuses on projects that are three-dimensional in nature. The third dimension refers to forms that have height, width, and depth. Students will produce both functional and aesthetic pieces of work with an emphasis on clay.

Three-Dimensional Design 2
Level: CP Credit: ½ Grade: 11-12
This course is designed to further expand concepts learned in Three-Dimensional Design 1. Students will continue their study in the clay medium as well as explore new possibilities of papier-mâché, polymer clay, basketry, plaster, and foil. The class will be preparing for a career in marketing, retail, or elementary education.

DIGITAL MEDIA PRODUCTION

Music Technology
Level: H Credit: 1 Grade: 9
Students will learn about the nature of sound and how it is transformed and modified in physical, electrical, and digital environments. The course will focus on individual and group projects including use of microphones, use of the iPad, working with DAWs, and use of Midi software, instruments, and sound libraries.

Video Production 1
Level: CP Credit: 1 Grade: 9-12
Required: Interview
This course will cover the fundamentals of video broadcasting such as scripting, production, and postproduction of a story. Students will learn writing, interviewing on-and-off camera skills, and broadcast ethics. They will be using a variety of technology such as digital video cameras, digital cameras, computers, Movie Maker software, and microphones.

Video Production 2
Level: CP Credit: 1 Grade: 9-12
Require: Application; Interview
This course is for students who have completed Video Broadcasting 1. It will explore the more complex dimensions of video broadcasting such as scripting, production, and postproduction of a story. Students will focus on media ethics, television anchoring, and various lighting and directing styles while using a variety of technology.

Video Production 3
Level: H Credit: 1 Grade: 11-12
Prerequisite: Video Production 1 & 2, Teacher approval
This course is open to students who have completed Video Production 2 and have secured instructor's approval. It will delve into the diversity of software available for video production, including the production and postproduction of a story. Students will focus on professional software, as well as maintain the responsibility of supervising the morning broadcast.

Video Production 4
Level: H Credit: 1 Grade: 11-12
Prerequisite: Video Production 3, Teacher approval
This course is open to students who have completed Video Production 3 and have secured instructor's approval. It will continue to increase their mastery of professional video production software. In addition to supervising the morning broadcast, students will engage in production projects for the Florence community.

OTHER ELECTIVES

Driver Education
Level: CP Credit: ½ Grade: 10-12
Require: Beginner's Permit
This course is designed for all eligible high school students who are physically fit and of legal driving age. The semester course consists of a minimum of 30 classroom hours of instruction, six hours of behind the wheel driving, and six hours of actual observation.

Teacher Cadets
Level: DC/FMU Credit: 1 Grade: 12
Teacher Cadets is designed for seniors with an overall B average who wish to explore a career in education. It carries the possibility of 2 hours of college credit. Students study The Teacher and The School. Material is presented through lecture, group projects, guest speakers, videos, computer simulations, internships, and a College Day. Cadets do internships in elementary, middle, or high schools where they serve under master teachers as they tutor, teach mini lessons, and assist as needed.

AP Computer Science Principles
Level: AP Credit: 1 Grade: 10-12
Prerequisite: B or higher in Algebra 2 Honors, concurrent enrollment or completion of Pre-Calculus Honors
The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. The AP Computer Science course curriculum is compatible with many CS1 courses in colleges and universities. The AP Computer Science course must include a minimum of 20 hours of hands-on structured lab experiences to engage students in individual or group problem solving. Thus, each AP Computer Science course includes a substantial laboratory component in which students design solutions to problems, express their solutions precisely (e.g., in the Java programming language), test their solutions, identify and correct errors (when mistakes occur), and compare possible solutions.

AP SEMINAR

Level: AP Credit: 1 Grade 10 or 11

Prerequisite: Grades of A or high B in 9th or 10th grade honors English; successful completion of other AP coursework Description from the College Board

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational literary and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

ITGS (Information Technology for a Global Society)

Level: IB Credit: 2 Grade: 11-12

(Information Technology for a Global Society) is the study and evaluation of the impact of information technology on individuals and society. Students will explore the advantages and disadvantages of using information technology on the local level as well as the global. Students will engage in a variety of class activities, discussions, and writing assignments to facilitate their understanding of the course objectives. The course also meets the graduation computer science requirement.

The courses listed below are part of the Virtual SC course offerings. These courses could be offered semester or year long. AP courses and Honors courses are marked with AP and H. Please see your school counselor for more information. *Courses are offered through the F1S Virtual Program in Apex.

VIRTUAL SC OFFERINGS

Accounting *
Algebra 1*
Algebra 2*
Anatomy and Physiology
AP Art History
AP Biology*
AP Calculus AB*
AP Computer Science A
AP English Language and Composition*
AP English Literature and Composition*
AP European History
AP Latin-Vergil
AP Seminar
AP Statistics*
AP US History*
Art History H
Astronomy Honors
Biology *
Chemistry*
Child Development 1
Computer Applications
Earth Science*
Economics
English 1*
English 1 Honors
English 2*
English 2 Honors
English 3 *
English 3 Honors
English 4*
English 4 Honors
Entrepreneurship
Environmental Science*
Family Life Education
Forensic Science
Foundations in Algebra*
French 1*
French 2*
Fundamentals of Web Page Design and Development
Geometry*
German 1*
German 2 *
Government
Health Science 1
Health Science 3
Integrated Business Applications
Intermediate Algebra*
Keyboarding
Latin 1*
Latin 2*
Latin 3 H
Latin 4 H
Media Arts 1
Medical Terminology
Music Appreciation*
Personal Finance
Personal Health*
Physical Education*
Physics*
Precalculus*
Probability and Statistics*
Psychology*
Sociology*
Spanish 1*
Spanish 2 *
Spanish 3
Spanish 3 H*
Spanish 4 H
US History and Constitution*
World Geography
World History

CAREER AND TECHNICAL EDUCATION (CTE)

AGRICULTURE, FOOD, AND NATURAL RESOURCES

Horticulture for the Workplace 1

Level: CP Credit: 2 Grades: 9-11

Horticulture for the Workplace 1 includes organized subject matter and practical experiences related to the culture of plants used principally for ornamental or aesthetic purposes. Instruction emphasizes knowledge and understanding of the importance of establishing, maintaining, and managing ornamental horticulture enterprises. Typical instructional activities include hands-on experiences with propagating, growing, establishing, and maintaining nursery plans and greenhouse crops; tissue culture techniques; designing landscapes; preparing designs; sales analysis and management; participating in personal and community leadership development activities; planning and implementing a relevant school-to-work transition experience; and participating in FFA activities.

Horticulture for Workplace 2

Level: CP Credit: 2 Grade: 10-12

Prerequisite: Horticulture for the Workplace 1 and Teacher Recommendation

Horticulture for the Workplace 2 is the second level course designed for programs involved in the Horticulture Career Pathway. The course is a combination of subject matter and planned learning experiences on the principles related to the culture of plants principally for ornamental or aesthetic purposes. Instruction emphasizes knowledge and understanding of the importance of establishing, maintaining and managing ornamental horticulture enterprises. Typical instructional activities include hands-on experiences with propagating, growing, establishing and maintaining nursery plants and greenhouse crops; tissue culture techniques; designing landscapes; preparing designs; sales analysis and management; participating in personal and community leadership development activities; planning and implementing a relevant school-to-work transition experience; and participating in FFA activities.

ARTS, AUDIO-VIDEO TECHNOLOGY, AND COMMUNICATION

Digital Art & Design 1

Level: H Credit: 2 Grade: 10-11

The objective of this course is to prepare students for careers in the graphic design field. Skills may be applied in any media, such as print, digital media, product design, packaging, etc. Most of the standards require students to combine text and graphics to communicate an effective message in the format intended for commercial reproduction. This project-driven class stresses the development of employability skills in the field of graphics. Students are also expected to use industry software such as Photoshop, Illustrator, and InDesign. Students who have taken art and are creative are encouraged to take this course.

Digital Art & Design 2

Level: H Credit: 2 Grade: 11-12

Prerequisite: Digital Arts & Design 1 and Teacher Recommendation

This class is a continuation of the level 1 program. The students will be expected to use industry software (Photoshop, Illustrator and InDesign) and design concepts, principles, and processes to manipulate text and graphics, utilize and output appropriate file formats for the web and print, meet client expectations, and complete a senior project that highlights the skills that were acquired through the 2 year program. Students who have taken art and are creative are encouraged to take this course.

Mechanical Design 1

Level: H Credit: 2 Grade: 10-11

Prerequisite: Algebra 1

The Mechanical Design 1 course includes instruction in safety, basic drafting techniques, geometric construction, shape and size description, drawing conversions, computer aided design, and manufacturing process.

Mechanical Design 2

Level: H Credit: 2 Grade: 11-12

Prerequisite: Mechanical Design 1 and Teacher recommendation

Mechanical Design 2 emphasizes the creation of residential house plans. Students construct floor plans, elevation drawings, electrical and plumbing plans, foundation and roof framing drawings.

TRANSPORTATION, DISTRIBUTION, AND LOGISTICS

Automotive Collision Repair Technology 1

Level: CP Credit: 2 Grade: 10-11

This course introduces students to the high-skill world of the auto collision repair technician. Students are taught beginning-level paint preparation and refinishing. Paint preparation covers sanding, masking, environmental concerns, shop safety, and priming. Refinishing introduces the student to spray gun adjustment, set-up, paint mixing, and the application of single-stage, base coats, and tri-stage paint systems.

Automotive Collision Repair Technology 2

Level: CP Credit: 2 Grade: 11-12

Prerequisite: Automotive Collision Repair Technology 1 and Teacher recommendation

This course completes the Auto Collection Repair program. Students will develop skills in sheet metal straightening, sheet metal replacement, detailing, and structural measuring. Metal straightening includes repairing small dents with body filler and preparation for primer. Sheet metal replacement is the removal and replacement of hoods, deck lids, doors and bumpers. Detailing consists of color sanding, buffing, and interior detailing. Students develop structural measuring skills by using the Measuring System. Second semester is dedicated to live repairs and the students can repair their own vehicles during this time.

Automotive Technology 1

Level: CP Credit: 2 Grade: 10-11

Automotive Technology 1 is an introduction to the automobile and the automotive industry. Students can expect to learn about all systems of the modern-day automobile, with special emphasis on brakes, suspension and steering systems, electrical, and engine performance. Much of the time in this class will be dedicated to learning the theory of the automotive systems with some time spent in the shop doing hand-on activities. **Automotive Technology 1 is theory oriented and a proving ground for students that plan to enter Automotive Technology 2.**

Automotive Technology 2

Level: CP Credit: 2 Grade: 11-12

Prerequisite: Automotive Technology 1 and Teacher recommendation

When Safety review has been completed in the beginning of the class, the majority of this class is spent performing hands-on tasks in the shop environment on live work. Students in Automotive Technology 2 are required to do a Senior Project, but are graded based on shop performance with few exceptions. This class is a continuation of each of the concepts covered in Automotive Technology 1, but is more hands-on.

ARCHITECTURE AND CONSTRUCTION

Building Construction 1

Level: CP Credit: 2 Grade: 10-11

Building Construction 1 students are immersed in a curriculum from the National Center for Construction Education and Research (NCCER) where they learn the materials and processes for masonry, electrical, carpentry, plumbing, blueprint reading, and estimating. Students will also be involved in extensive safety training to include hand and power tools. Instruction is supplemented by a variety of hands-on projects and activities. **Students enrolled in this course have the opportunity to gain national industry certification through the NCCER training program.**

Building Construction 2

Level: CP Credit: 2 Grade: 11-12

Prerequisite: Completion of Building Construction 1 and Teacher recommendation

Building Construction 2 students continue with NCCER curriculum and develop more advanced skills through extensive hands-on applications. Additionally, introduction to the NCCER Project Managements Curriculum surveys management skills such as: human relations, negotiations, construction documents, estimating, scheduling, cost awareness and control, quality control, and safety. **Students enrolled in this course have the opportunity to gain national industry certification through the NCCER training program.**

Electricity 1

Level: CP Credit: 2 Grade: 10-11

Electricity is a comprehensive course that provides a survey of the theory, terminology, equipment, and practical experience in the skills needed for careers in the electrical field. These courses typically include AC and DC circuitry, safety, and the National Electrical Code and may cover such skills as those involved in building circuits; wiring residential, commercial, and/or industrial buildings; installing lighting, power circuits, and cables; and estimating job costs. As students progress, their projects become more complex and expansive. In these courses, safety is stressed, and a career exploration component may be offered.

BUSINESS/FINANCE/MARKETING

Accounting 1

Level: H Credit: 1 Grade: 9-12

Prerequisite: "C" or above in Algebra 1 or Counselor Recommendation

This course is designed to help the student develop an understanding of the concepts, principles, and practices necessary in the preparation and maintenance of financial records concerned with business management and operations. Students are exposed to the accounting cycle, cash control systems, payroll, and careers in accounting.

Accounting 2

Level: H Credit: 1 Grade: 10-12

Prerequisite: Accounting 1

Students will develop advanced skills that build upon those acquired in Accounting 1. Students continue applying accounting concepts related to business entities. Additional accounting skills will be developed, including preparing and journalizing payroll records, calculating and recording adjusting entries, and interpreting financial information. The student will demonstrate knowledge of accounting principles through the use of computer software and simulated activities.

Advertising

Level: CP Credit: 1 Grade: 10-12

Prerequisite: Marketing

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

Business Finance

Level: H Credit: 1 Grade: 10-12

This course is designed to provide students with an understanding of how corporations, organizations, and businesses handle money. Concepts include the management of money, accounting methodologies, investing strategies, and effective financial management.

Digital Publication Design

Level: CP Credit: 1 Grade: 10-12

Prerequisite: Successful completion of computer science

This course combines the business world with graphic design and allows students to use their creativity to produce business and personal publications. Students create, format, illustrate, design, edit/revise, and print publications including newsletters, flyers, brochures, reports, advertising materials, catalogs, posters, and other publications. Students who excel have the opportunity to earn nationally recognized Adobe certification.

Entrepreneurship

Level: CP Credit: 1 Grade: 10-12

This course is designed to provide students with the knowledge and skills needed to develop an effective business plan for small business ownership. An important part of the course will be the incorporation of economics, ethics, legal aspects, logistics, research, staffing, strategies for financing, and technology.

Image Editing

Level: CP Credit: 1 Grade: 10-12

Prerequisite: Successful completion of computer science

Image editing tools are used by industry professionals to edit and enhance most images presented in magazines, newspapers and other media. This course is designed to provide students with the knowledge and skills needed to master image manipulation and photographic retouching. Students will explore the technical and artistic aspects of image editing by creating images to be used in various types of media. Successful completion of this course will prepare the student for industry certification.

Marketing

Level: CP Credit: 1 Grade: 10-12

This course introduces marketing concepts and examines the economic, marketing, and business fundamentals, in addition to the marketing functions of selling, promotion, and distribution. The standards listed are core standards and other standards reflecting the needs of the local business community. **This is a basic course in the marketing curriculum and should be taken before the specialized courses.**

Social Media Marketing

Level: CP Credit: 1 Grade: 10-12

Prerequisite: Teacher approval and a business or marketing course

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.

EDUCATION AND TRAINING

Early Childhood Education 1

Level: CP Credit: 2 Grade: 10-11

Early Childhood Education 1 is designed to provide students with hands-on opportunities to actively explore and observe the world of children and to prepare them for educational and administrative careers in the field. This course provides an in-depth study of career paths, developmentally appropriate practices, curriculum development, safe and healthy learning environments, and collaborative relationships. Integration of the Family and Consumer Sciences Student Organization, Family Careers and Community Leaders of America (FCCLA), greatly enhances this curriculum.

Early Childhood Education 2
Level: CP Credit: 2 Grade: 11-12
Prerequisite: Early Childhood 1 and Teacher Recommendation
Early Childhood Education 2 is an advanced course focusing on the competencies needed to plan, guide, and care for young children in a safe, healthy, and developmentally appropriate environment. Students can acquire certification in Pediatric Safety, CPR and First Aid, OSHA, Financial Literacy, Advanced child Care Training, and CDA. Students interact with professionals in the field and participate in various school-to-work activities. Student laboratory/field experiences may be school-based or in the community and include job shadowing and internships. Participation in student organizations related to this program greatly enhances the learning experience.

INFORMATION TECHNOLOGY

Computer Programming 1
Level: CP Credit: 1 Grade: 9-12
Prerequisite: Any Computer related course and/or teacher recommendation
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 1
Level: H Credit: 1 Grade: 9-12
Prerequisite: Any Computer related course and/or teacher recommendation
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
Level: CP Credit: 1 Grade: 9-12
Prerequisite: Computer Programming 1
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
Level: H Credit: 1 Grade: 9-12
Prerequisite: Computer Programming 1
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.

Cyber Security Fundamentals
Level: CP Credit: 1 Grade: 10-12
Cyber Security Fundamentals introduces the core concepts and terminology of cyber security 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
Level: CP Credit: 1 Grade: 9-12
This course of study is designed to allow students to explore a variety of computer science topics, such as Web design, human computer interaction, 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.

Fundamentals of Web Page Design and Development

Level: CP Credit: 1 Grade: 9-12

Prerequisite: Entry level computer science encouraged

This course is designed to provide the student with the knowledge and skills needed to design web pages. Students will develop skills in designing, implementing, and maintaining a website using authoring tools. Students will learn to design pages using basic HTML, as well as Microsoft FrontPage. Topics of study include copyright, publishing a web site, and advanced design techniques, such as JAVA applets.

Fundamentals of Web Page Design and Development

Level: H Credit: 1 Grade: 9-12

Prerequisite: Entry level computer science encouraged

This course is designed to provide the student with the knowledge and skills needed to design web pages. Students will develop skills in designing, implementing, and maintaining a website using authoring tools. Students will learn to design pages using basic HTML, as well as Microsoft FrontPage. Topics of study include copyright, publishing a web site, and advanced design techniques, such as JAVA applets.

Advanced Web Page Design and Development

Level: H Credit: 1 Grade: 10-12

Prerequisite: Fundamentals of Web Page Design

This course is designed to provide the student with knowledge and skills necessary to pursue careers in web design and development. Students will develop skills in advanced HTML and CSS coding, scripting, layout techniques, and other industry-standard practices. In Advanced Web Design and Development, students must be able to edit the source code directly rather than using a WYSIWYG editor.

Networking Fundamentals

Level: H Credit: 1 Grade: 10-12

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. Particular emphasis is given to the use of critical thinking skills and problem-solving techniques. Networking Fundamentals is a prerequisite for Advanced Networking.

Advanced Networking

Level: H Credit: 1 Grade: 10-12

Prerequisite: Networking Fundamentals and Teacher recommendation

Advanced Networking is designed to provide students with classroom, laboratory, and hands-on experience in current and emerging networking technologies. Instruction is based on industry domains including advanced network architecture; advanced network operations; advanced network security; advanced network troubleshooting; industry standards, advanced practices, and advanced network theory; and workplace readiness and leadership skills. Particular emphasis is given to the use of critical thinking skills and problem-solving techniques.

HEALTH SCIENCE

Health Science Work-Based

Level: H Credit: 1 Grade: 12

Prerequisite: Application and students must provide transportation to and from McLeod campus

This course is designed for students planning to pursue a health career course of study in college or a technical institution. Students are introduced to a wide variety of health professions, healthcare skills, soft-skills, networking opportunities, service-learning projects, and real-world work-based learning clinical rotations. The health professions students are exposed to include, but are not limited to: Nursing, Surgical Specialties, Medical Lab Science, Pharmacy, Radiology, Physical Therapy, Occupational Therapy, Family Medicine, Advanced Nursing Practice, Physician Assistant, Physician Subspecialties, Speech-Language Pathology, Critical Care Medicine, Emergency Medicine, Respiratory, Social Work, Hospital Administration, and others. A final presentation to the administration of McLeod Regional Medical Center and Florence One Administration is required. The course is fully integrated into the hospital setting at McLeod Regional Medical Center and is taught there daily. Students apply for the course which includes supplying teacher recommendations, transcripts, and going through an interview process. Students must also complete pre-course clearance requirements over the summer months. This is a Local Board approved elective.

Health Science 1

Level: CP Credit: 1 Grade: 10-12

Prerequisite: Biology 1 before or during this course

Health Science 1 students are introduced to healthcare history, careers, law and ethics, cultural diversity, healthcare language and math, infection control, professionalism, communication, basics of the organization of healthcare facilities, and types of healthcare insurance. Students will participate in a career project and will hear from guest speakers in the healthcare field. Students will learn First Aid procedures and learn fire safety. The skills and knowledge students learn in Health Science 1 serve to prepare them for future clinical experiences such as job shadowing or internships as they advance in the Health Science courses. **To advance to Health Science 2, it is recommended that students have an 80% score or higher in Health Science 1, or teacher recommendation.**

Health Science 2

Level: CP Credit: 1 Grade: 10-12

Prerequisite: Health Science 1 or Sports Medicine 1

Students will learn about "Transmission Based Precautions" and become more familiar with OSHA, HIPAA, and the CDC. They will learn how to take vital signs, record them, and learn what the data means. Students will learn about the stages of life and Maslow's Hierarchy of needs and how law and ethics are applied in the healthcare setting. It will also introduce students to basic patient care skills. Medical terminology, medical math, and pharmacology are incorporated throughout the lessons being taught. Students will be certified in First Aid and CPR in this course. Students in this course should further their knowledge of healthcare careers and future goals by participating in a job shadowing experience. **It is recommended that students score an 80% or higher in this course to advance to Health Science 3.**

Health Science 3 (Human Structure and Function)

Level: H Credit: 1 Grade: 10-12

Prerequisite: Health Science 2 AND CPR/First Aid Certified

Students learn how the human body is structured and the function of each of the 12 body systems. Students will study from the healthcare point of view the relationship that body systems have with disease. This is a very "hands on" course, and students will learn through projects and activities in the classroom. **This course does not count as a lab science. Students are recommended to be First Aid and CPR certified prior to this course.** Students should be familiar with general medical terminology as well as technical skills associated with vital signs. (Skills learned in HS2 or SM1).

Health Science Clinical Study

Level: H Credit: 2 Grade:12
Prerequisite: Health Science 2, Health Science 3,
Teacher recommendation- Application Required
*(*Health Science 3 may be substituted with PLTW Human*
Body Systems, Medical Terminology, Science department A&P or AP Biology, (the last two are not counted towards being a health science completer).

Health Science Clinical Study is a course that guides students to make connections from the classroom to the healthcare industry through work-based learning experience/activities. This course is designed to provide for further development and application of knowledge and skills common to a wide variety of healthcare professions. The students in this course will build on all information and skills presented in the previous required course foundation standards. The students will relay these skills into real life experiences. The student, teachers, and work-based learning coordinators will work together to create opportunities for the students to get the best experience available in the district's geographic region. Students in this course should be First-Aid and CPR certified before participating in any healthcare experience outside of the classroom. Under the direction and supervision of a registered nurse, students are prepared to perform nursing-related services to patients and residents in hospitals or long-term care facilities. **Students enrolled in this course as their 4th earned unit are considered completers in the Health Science Program and are expected to take the end of the program National Health Science Assessment and Certified Nursing Assistant exam.**

Pharmacology for Medical Careers

Level: H Credit: 2 Grade: 12
Prerequisite: Application

The main goal of the Pharmacology for Medical Careers class is to provide students with the communication, safety and patient advocate skills necessary to gain entry level employment across a wide spectrum of workplaces, including clinical, hospital, retail and more. The course focuses on the preparation and distribution of medication, labeling and filing order, record maintenance and general assistance to a licensed pharmacist. Additionally, students may work in multiple clinical or office settings in preparation to enter today's fast-paced pharmacy technician industry. After successful completion of the course, students will be eligible to take the PTCB) Pharmacy Technician Certification Board) Exam or the ExCTP (Institute for the Certification of Pharmacy Technicians) Exam. Upon passing either of the national certification exams, the student will become a certified Pharmacy Technician. This class will be facilitated by a Health Science Instructor and is a blended online/hands on curriculum.

Sports Medicine 1

Level: CP Credit: 1 Grade: 10-12

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.

Sports Medicine 2

Level: H Credit: 1 Grade: 10-12
Prerequisite: 75 or higher in Sports Medicine 1 and
Teacher Recommendation

Sports Medicine 2 emphasizes the assessment and rehabilitation of athletic injuries. Subject matter will include discussion of specific conditions and injuries that may be experienced by individuals participating in athletic activities. In addition, the use of appropriate therapeutic modalities and exercise in the care and rehabilitation and treatment of injuries will be examined. A review of the body systems will be included in this course. Advanced concepts related to the administrative aspects of the sports medicine program will also be covered. Other career roles in Sports Medicine will be discussed as the athletic trainer takes the injured athlete through the pathway of recovery. Students will be able to receive the American Heart Association's Basic Life Support Certification.

Sports Medicine 3

Level: H Credit: 1 Grade: 11-12

Prerequisite: Sports Medicine 2 and Teacher Recommendation

Sports Medicine 3 emphasizes the student's ability to apply concepts from previous Sports Medicine coursework 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 required to participate in a minimum of 40 hours of clinical situations either at school with their athletic department or in an outside clinical setting for real world experience. Students will be able to receive OSHA certification for healthcare.

HOSPITALITY AND TOURISM

Culinary Arts 1

Level: CP Credit: 2 Grade: 10-11

Culinary Arts 1 prepares students for gainful employment and/or entry into postsecondary education in the food production and service industry. Content provides students the opportunity to acquire marketable skills by examining both the industry and its career opportunities. Laboratory experiences simulate commercial food production and service operations. Integration of the Family and Consumer Sciences Student Organization, South Carolina Restaurant and Lodging Association, National Restaurant Association Educational Foundation, and Family Careers and Community Leaders of America (FCCLA) greatly enhances this curriculum.

Culinary Arts 2

Level: CP Credit: 2 Grade: 11-12

Prerequisite: Teacher Recommendation & Culinary Arts 1

Culinary Arts 2 is an advanced level course that prepares the serious culinary student for gainful employment and/or entry into postsecondary education. Content provides students the opportunity to acquire marketable skills by examining both the industry and its career options. Students have opportunities to develop skills in workplace settings. Integration of the Family and Consumer Sciences Student Organization, South Carolina Restaurant and Lodging Association, National Restaurant Association Educational Foundation, and Family Careers and Community Leaders of America (FCCLA) greatly enhances this curriculum.

HUMAN SERVICES

Child Development 1

Level: CP Credit: 1 Grade: 9-12

Child Development 1 focuses on the physical, social, emotional, and cognitive growth and development of children. Emphasis is placed on helping students acquire knowledge and skills essential to the care and guidance of children. Students learn to create environments that promote optimal development. Factors impacting a child's development from conception through childhood are explored. Opportunities for service and project-based learning are incorporated throughout the course. Integration of the Family and Consumer Sciences Student Organization, Family Careers, and Community Leaders of America (FCCLA), greatly enhances this curriculum.

Child Development 2

Level: CP Credit: 1 Grade: 9-12

Prerequisite: Child Development 1

Child Development 2 is a specialized course that provides students with knowledge and skills related to children's growth and development. Students are equipped to develop positive relationships with children and effective care giving skills. Emphasis is on promoting the well-being and healthy development of children and strengthening families in a diverse society. Opportunities to investigate careers related to the care and education of children are provided. Observations, job shadowing, and service learning experiences are encouraged. This course builds on skills and information introduced in Child Development 1. Skills acquired in Child Development 1 and 2 provide a foundation for further studies and employability in Childcare and Early Childhood Education. Critical thinking and practical problem solving are emphasized in a co-curricular approach that incorporates principles of mathematics, science, writing, and communications. Integration of the Family and Consumer Sciences Student Organization, Family Careers, and Community Leaders of America FCCLA), greatly enhances this curriculum

Cosmetology 1

Level: CP Credit: 2 Grade: 11

Prerequisite: Application process for admittance and acceptance (Level 1 and 2 must be paired in same year)

The Cosmetology Program is designed to prepare the student to qualify for the state cosmetology licensing examination. The student receives training in the art and science of the care and beautification of hair, skin, and nails. The course of study includes scalp treatments, hair shaping, hair styling, setting, waving, hair coloring, and shampoos and rinses. Care of skin and nails includes manicuring and pedicuring, massage, facials, makeup application, and hair removal. Instruction in chemistry, bacteriology, and anatomy and physiology of the face, head, arms, and hands is incorporated by means of theory and of practical application on both mannequins and live models. Also included in the source of study is salon planning and management. Students are also required to attend an orientation meeting and purchase supplies (approved lab coat, leather shoes, work kit, mannequins, and other supplies). Virtual/online courses/Homebound instruction are not acceptable for this program due to state mandated lab hours.

Cosmetology 2

Level: CP Credit: 2 Grade: 11

Prerequisite: Cosmetology 1, Application and acceptance to program (Level 1 and 2 must be paired in same year))

The Cosmetology Program is designed to prepare the student to qualify for the state cosmetology licensing examination. The student receives training in the art and science of the care and beautification of hair, skin, and nails. The course of study includes scalp treatments, hair shaping, hair styling, setting, waving, hair coloring, and shampoos and rinses. Care of skin and nails includes manicuring and pedicuring, massage, facials, makeup application, and hair removal. Instruction in chemistry, bacteriology, and anatomy and physiology of the face, head, arms, and hands is incorporated by means of theory and of practical application on both mannequins and live models. Also included in the source of study is salon planning and management. Important note: Students are required to complete 500 cosmetology lab hours, 250 academic actual in class seat hours (math, English, science, social studies), and be recommended by the instructor in order to qualify for Cosmetology 3. Students are also required to attend an orientation meeting and purchase supplies (approved lab coat, leather shoes, work kit, mannequins, and other supplies). Virtual/online courses/Homebound instruction are not acceptable for this program due to state mandated lab hours.

Cosmetology 3

Level: CP Credit: 2 Grade: 12

Prerequisite: Cosmetology 2 and Teacher Approval (Level 3 and 4 must be paired in the same year)

This more advanced class focuses on preparing the student for the State Cosmetology Board Exam. In order to be eligible for the state board exam, students must have successfully completed a minimum number of designated hours. They must have also passed the submitted academic hours in order to receive credit toward their licensing. Parents are required to sign a statement of understanding and agreement of all requirements related to this course of study. Homebound instruction is not permitted in this program due to state mandated lab hours.

Cosmetology 4

Level: CP Credit: 2 Grade: 12

Prerequisite: Cosmetology 3 and Teacher Approval (Level 3 and 4 must be paired in the same year)

This more advanced class focuses on preparing the student for the State Cosmetology Board Exam. In order to be eligible for the state board exam, students must have successfully completed a minimum number of designated hours. They must have also passed the submitted academic hours in order to receive credit toward their licensing. Parents are required to sign a statement of understanding and agreement of all requirements related to this course of study. Homebound instruction is not permitted in this program due to state mandated lab hours.

Family and Consumer Science 1

Level: CP Credit: 1 Grade: 9-12

Family and Consumer Sciences 1 is a comprehensive course designed to provide students with the core knowledge and skills needed to manage their lives. Project based instruction provides students with opportunities to utilize higher order thinking, communication, and leadership skills impacting families and communities. Concepts incorporate interpersonal relationships; career, community, and family connections; family, nutrition and wellness; consumer and family resources; fashion and apparel; food production and service; parenting and housing into a rigorous and relevant curriculum. Integration of the Family and Consumer Sciences Student Organization, Family Careers and Community Leaders of America (FCCLA), greatly enhances this curriculum.

Family and Consumer Science 2

Level: CP Credit: 1 Grade: 9-12

Prerequisite: Family and Consumer Science 1

Family and Consumer Sciences 2 is a comprehensive course designed to build upon concepts learned in Family and Consumer Sciences 1. Units covered in this course are career, community, and family connections; consumer services; education and early childhood; facilities management and maintenance; family and community services; food production and services; food science, dietetics, and nutrition; hospitality, tourism, and recreation; interpersonal relationships; interiors, furnishings, and textiles. Students will explore career pathways in Family and Consumer Sciences. Integration of the Family and Consumer Sciences Student Organization, Family Careers, and Community Leaders of America (FCCLA), greatly enhances this curriculum.

Family Life 1

Level: CP Credit: 1 Grade: 9-12

Your body is not the only thing that needs to be healthy! What about your relationships? Learn how to make better choices by enrolling in Family Life Education 1! Family Life Education 1 helps students understand and apply various concepts to gain and maintain healthy relationships throughout their lives. Topics such as applying interpersonal skills in relationships, critiquing financial decisions, and determining risk factors of healthy lifestyles are included in the course content. Integration of the Family and Consumer Sciences student organization, Family Careers, and Community Leaders of America (FCCLA), standards greatly enhance the curriculum.

LAW, PUBLIC SAFETY, AND SECURITY

Law Enforcement 1

Level: CP Credit: 2 Grade: 10-11

This course is an overview of the criminal justice process and is designed to give students insight into law enforcement. Students will learn the duties and responsibilities of the police, courts, and corrections systems. Included in the curriculum is the historical development of the system and the study of landmark Supreme Court decisions that impact criminal justice. Field trips will be taken with parental consent to various locations, and professional law enforcement personnel will provide lectures and demonstrations. Physical fitness is also a part of the course.

Law Enforcement 2

Level: CP Credit: 2 Grade: 11-12

Prerequisite: Law Enforcement 1 and Teacher recommendation

This course is designed for students interested in a career in law enforcement and offers them an opportunity to learn various aspects of police procedures and operations used in law enforcement today. Students will participate in demonstrations of search and arrest techniques, fingerprinting, and gain an understanding of forensics and how it is used to solve crimes. Other material will include report writing, collection and preservation of evidence, testifying in court, etc. Students will learn how technology is used in the law enforcement career field today and the increasing need for advances in technology in the future. Various guest speakers working in law enforcement will deliver presentations on relevant matters and concerns. This course will also include physical fitness, field trips and provide an opportunity for students to participate in ride-along to gain some knowledge of how the police perform their duties.

MANUFACTURING

Welding Technology 1

Level: CP Credit: 2 Grade: 10-11

Prerequisite: Algebra 1 proficiency skills.

Welding 1 is an introductory study of the basics of welding. This curriculum includes theory and practical applications of gas welding, cutting, and brazing. It also includes studies in Arc welding with a strong focus on practical applications in the shop. Safety is the first and most important area of study and is reinforced throughout the curriculum. Student progress is tracked individually and **advancement to Welding 2 is by instructor recommendation only**.

Welding Technology 2

Level: CP Credit: 2 Grade: 11-12

Prerequisite: Welding 1 and Teacher recommendation

Welding 2 involves advanced studies in all common welding processes with a strong emphasis on Arc welding. Welding 2 students will expand their knowledge base into other areas of welding such as print reading, weld symbols, and weld testing (destructive and nondestructive). As students' progress through the course, they can advance past the required course instruction into other areas of study. Welding 2 also includes a Senior Project, a culminating exercise showcasing a representation of what they have studied and accomplished over the 2 year course. (*Note: Students enrolled in the dual credit option must be recommended by the instructor(s). Limited seating in Welding 2 program. Students will cover the above standards and WLD 134 & WLD 113 in the dual credit option)

Project Lead the Way (PLTW)

Project Lead the Way (PLTW) provides a comprehensive approach to STEM Education. Through activity-, project-, and problem-based curriculum, PLTW gives students a chance to apply what they know, identify problems, find unique solutions, and lead their own learning. Students may choose from two programs of study: Engineering or Biomedical Science. The first two courses in each program are taken at the students' home school.

Introduction to Engineering Design (IED)
Level: H Credit: 1 Grade: 9-12
Prerequisite: Recommended completion or concurrent enrollment in Algebra I
In this course, students use 3D solid modeling design software to help them design solutions to solve proposed problems. Students will learn how to document their work and communicate solutions to peers and members of the professional community. This course is designed for 9th or 10th grade students. The major focus of the IED course is to expose students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation. This course will fulfill the computer science graduation requirement. This course is offered at each home high school.

Principles of Engineering (POE)
Level: H Credit: 1 Grade: 10-12
Prerequisite: Introduction to Engineering
Design Through problems that engage and challenge, students explore a broad range of engineering topics including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. This course is offered at each home high school. DDR 100 course meets and exceeds all aeronautical knowledge factors outlined by the FAA for the Unmanned Aircraft General (UAG) examination to those who intend to obtain a Remote Pilot Certificate (RPC) and includes advanced safety concepts and practices to develop responsible, safety-certified remote pilots. DDR 200 course provides classroom and practical instructional programming associated with a working knowledge of UAV system classification, roles and command and control options. During this course, students receive the hardware and software training required to support, virtually fly and test small UAV systems. Students will be exposed to the basics of software analyzing, data reading and logistical map reading.

Civil Engineering and Architecture (CEA)
Level: H Credit: 1 Grade: 10-12
Prerequisite: Principles of Engineering
Students learn important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architecture design software. This course is offered at the Center for Advanced STEM studies. During the semester that students are enrolled in CEA, they will also take Physics H at the Center. Physics is a foundational course for the study of
Engineering

Aerospace Engineering
Level: H Credit: 1 Grade: 10-12
Prerequisite: Principles of Engineering
Students explore the physics of flight and bring what they're learning to life through hands-on projects like designing a glider and creating a program for an autonomous space rover. DDR 300A course begins by providing practical flight experience with advanced hand simulation software. Students receive an introduction to aircraft systems, UAV design, roles, classification, command and control payloads, and operations. It is followed by instruction on; practical UAV issues, tasking, integration of UAV assets, mission planning, logistics, and real-world case studies. DDR 300B UAV project management course includes cost estimation, market analysis, schedule development, and technical performance evaluation.
Students will perform trade studies; learn about preliminary and detailed UAV design, study component and subsystem test and integration.

Clean Energy Systems
Level: H Credit: 1 Grade: 9-12
This course exposes students to three sources of renewable energy: wind, solar, and biofuels. Working with solar, thermal, chemical, and mechanical sources of clean energy teaches students how to apply physics, geography, chemistry, biology, geometry, algebra, and engineering fundamentals. Students learn the most efficient and appropriate use of energy production as they explore the relevant relationships among work, power, and energy. Students will engage in a wide variety of hands on projects and lab activities that both test their knowledge and illustrate the interrelationships between the various forms of clean energy.

Clean Energy Applications
Level: H Credit: 1 Grade: 9-12
This course builds on the foundation of Course 1 and introduces nuclear power, steam generation, fuel cells geothermal power, water power, AC/DC power generation, heat transfer and the laws of thermodynamics. In addition, students now use chemical and thermal energy principles to create, store, and use energy efficiently to power a variety of mechanical and electrical devices. Students will engage in a variety of hands-on design projects to demonstrate principles using advanced technology hardware and software.

Cybersecurity 1
Level: H Credit: 1 Grade: 10-12
Prerequisite: Any Computer Science related course, Algebra 1, and/or teacher recommendation
Nationally and globally, computational resources are vulnerable and frequently attacked. Cybersecurity introduces the tools and concepts of cybersecurity. The design of the course students to the ever growing and far-reaching field of cybersecurity. Students accomplish this through problem-based learning, where students role-play as cybersecurity experts and train as cybersecurity experts do. Cybersecurity gives students a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking, computational thinking, and especially, "outside-the-box" thinking. Cybersecurity 1 will cover personal security and system security.

Cybersecurity 2
Level: H Credit: 1 Grade: 11-12
Prerequisite: Cybersecurity 1
This course will delve deeper into the tools and concepts of cybersecurity. Cybersecurity 2 will cover network security and applied cybersecurity. Key concepts include operating systems, network topologies, cryptography, and digital forensics. In addition, students explore the many educational and career paths available to cybersecurity experts, as well as other careers that comprise the field of information security.

Biomedical Sciences

Principles of Biomedical Sciences (PBS) - Level 1
Level: H Credit: 1 Grade: 9-12
Prerequisite: Recommended completion or concurrent enrollment in Biology I or Physical Science
Students investigate the human body systems and various health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. They determine the factors that led to the death of a fictional person and investigate lifestyle choices and medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, medicine, research processes, and bioinformatics. Key biological concepts including homeostasis, metabolism, inheritance of traits, and defense against disease are embedded in the curriculum. Engineering principles including the design process, feedback loops, and the relationship of structure to function are also incorporated. This course is designed to provide an overview of all the courses in the Biomedical Sciences Program. This course is offered at each home high school.

Human Body Systems (HBS) - Level 2

Level: H Credit: 1 Grade: 10-12

Prerequisite: Completion of Level 1 PBS and completed or concurrent enrollment in Biology I

Students examine the interactions of body systems as they explore identity, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal Manikin®, work through interesting real-world cases, and often play the role of biomedical professionals to solve medical mysteries. This course is offered at each home high school.

Medical Interventions (MI) and Research - Level 3

Level: H Credit: 1 Grade: 10-12

Prerequisite: Completion of Level 1 PBS and Level 2 HBS. A grade of 80 or higher is strongly recommended from HBS.

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. These courses will provide a strong foundation for post-secondary studies in all medical fields, biology, or biomedical engineering.

Capstone Course

Biomedical Innovation (BI) and Research - Level 4

Level: H Credit: 1 Grade: 10-12

Prerequisite: *Completion of Level 1 PBS, Level 2 HBS, and Level 3 MI. A grade of 80 or higher is strongly recommended from MI.*

In the final course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They have the opportunity to work on an independent design project with a mentor or advisor from a university, medical facility, or research institution.

Capstone Course

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