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

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Florence SC 29506
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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

<table>
<thead>
<tr>
<th>Subject</th>
<th>Units Required</th>
<th>Grade-Level</th>
<th>Credits Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>English/Language Arts</td>
<td>4 units</td>
<td>To Tenth Grade</td>
<td>5 Credits</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4 units</td>
<td></td>
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</tr>
<tr>
<td>Science</td>
<td>3 units</td>
<td>English 1 (1 unit)</td>
<td></td>
</tr>
<tr>
<td>U.S. History and Constitution</td>
<td>1 unit</td>
<td>Math (1 unit)</td>
<td></td>
</tr>
<tr>
<td>Economics</td>
<td>.5 unit</td>
<td>Additional Credits (3 units)</td>
<td></td>
</tr>
<tr>
<td>U.S. Government</td>
<td>.5 unit</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other Social Studies</td>
<td>1 unit</td>
<td>To Eleventh Grade</td>
<td>11 Credits</td>
</tr>
<tr>
<td>Physical Education or ROTC</td>
<td>1 unit</td>
<td>English 1 &amp; 2 (2 units)</td>
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</tr>
<tr>
<td>Computer Science</td>
<td>1 unit</td>
<td>Math (2 Units)</td>
<td></td>
</tr>
<tr>
<td>World Language</td>
<td>1 unit</td>
<td>Science (1 unit)</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td>Social Studies (1 unit)</td>
<td></td>
</tr>
<tr>
<td>Career and Technical Education</td>
<td></td>
<td>Additional Credits (5 units)</td>
<td></td>
</tr>
<tr>
<td>Electives</td>
<td>7 units</td>
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</tr>
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<table>
<thead>
<tr>
<th>Subject</th>
<th>Units Required</th>
<th>Grade-Level</th>
<th>Credits Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>CORE UNITS</td>
<td>17 units</td>
<td>To Twelfth Grade</td>
<td>16 Credits</td>
</tr>
</tbody>
</table>

| TOTAL UNITS required for graduation           | 24 UNITS       |                              |                  |

- One of the three science units must be Biology 1.
- Students who earn two units in science and “six or more units” in a specific occupation service area will meet the diploma science requirements.
- Currently, CATE programs in our district that qualify are Business and Cosmetology.
- A student must complete 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 9-12 are required to take six (6) credit-bearing courses.

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 51 – 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 during their 9th grade year. In this case ONLY the 9th grade attempt will be used in figuring the student’s GPA and ONLY the 9th grade attempt will show on the transcript. This applies whether the grade is higher or lower than the pre-ninth grade attempt.

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*

<table>
<thead>
<tr>
<th>Board of Trustees</th>
<th>4.5 and above</th>
</tr>
</thead>
<tbody>
<tr>
<td>Double Cord</td>
<td>4.0 – 4.49</td>
</tr>
<tr>
<td>Single Cord</td>
<td>3.0 – 3.99</td>
</tr>
</tbody>
</table>

*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.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>90 - 100</td>
</tr>
<tr>
<td>B</td>
<td>80 - 89</td>
</tr>
<tr>
<td>C</td>
<td>70 - 79</td>
</tr>
<tr>
<td>D</td>
<td>60 - 69</td>
</tr>
<tr>
<td>F</td>
<td>0 - 59</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Numerical Average</th>
<th>Letter Grade</th>
<th>College Prep Weighting</th>
<th>Honors Weighting</th>
<th>AP/IB/Dual Credit Weighting</th>
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</thead>
<tbody>
<tr>
<td>100</td>
<td>A</td>
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<td>5.500</td>
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<td>51</td>
<td>F</td>
<td>0.100</td>
<td>0.600</td>
<td>1.100</td>
</tr>
</tbody>
</table>
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 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 the 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 will meet this criterion.

- **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 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, 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.

- **ELECTIVE**: One unit must be taken as an elective. 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.

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](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.

See the following website for more information: [http://www.eligibilitycenter.org](http://www.eligibilitycenter.org).
## Florence One Schools High School Testing/Assessment Plan

<table>
<thead>
<tr>
<th>Test</th>
<th>Purpose</th>
<th>Target Group</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>The ACT® <a href="http://www.actstudent.org">www.actstudent.org</a></td>
<td>College admissions</td>
<td>11th and 12th graders and college bound students</td>
<td>September-June District Administered-March</td>
</tr>
<tr>
<td>All 11th grade students will be given Summative Assessments for ELA and Math</td>
<td>Assess ELA/Math</td>
<td>11th grade</td>
<td>TBD</td>
</tr>
<tr>
<td>WIN Ready to Work <a href="http://www1.linkit.com/">Administered to all third year students</a></td>
<td>Pre-employment assessment</td>
<td>11th grade</td>
<td>Spring</td>
</tr>
<tr>
<td>Advanced Placement (AP) Exams <a href="http://official-asvab.com/">https://apstudent.collegeboard.org/</a></td>
<td>Possible college credit</td>
<td>Students enrolled in AP courses</td>
<td>May</td>
</tr>
<tr>
<td>ASVAB <a href="http://official-asvab.com/">http://official-asvab.com/</a></td>
<td>Assess career interests and aptitudes</td>
<td>11th and 12th graders</td>
<td>Fall and/or Spring</td>
</tr>
<tr>
<td>End-of-Course Examination Program (EOCEP) <a href="http://ed.sc.gov/tests/high/general-information/">http://ed.sc.gov/tests/high/general-information/</a></td>
<td>Assess content learned in various academic subjects</td>
<td>Eng. 1, Alg. 1, Bio. 1, U.S. History</td>
<td>Completion of course</td>
</tr>
<tr>
<td>PSAT/NMSQT (Eligibility for National Merit Scholarship) <a href="http://www.collegeboard.org/psat-nmsq">www.collegeboard.org/psat-nmsq</a></td>
<td>Prepare for SAT I</td>
<td>10th graders</td>
<td>October</td>
</tr>
<tr>
<td>SAT <a href="http://www.collegeboard.com">www.collegeboard.com</a></td>
<td>College admissions</td>
<td>11th and 12th graders, college bound students</td>
<td>October-June</td>
</tr>
<tr>
<td>SchooLinks: College and Career Readiness Platform <a href="http://www.schoolinks.com">www.schoolinks.com</a></td>
<td>Career Interest Inventory</td>
<td>All High School Students</td>
<td>Fall and Spring</td>
</tr>
<tr>
<td>International Baccalaureate (IB) Exams</td>
<td>IB Diploma, College Credit</td>
<td>11th and 12th grade IB students</td>
<td>May</td>
</tr>
</tbody>
</table>
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 December 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 the 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 the 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.

**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 the 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 $1,140 per year 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](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
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.schoollinks.com
National Collegiate Athletic Association – www.ncaa.org
SC Virtual School – https://virtualsc.org/
Career and Technical Education (CATE)
The South Carolina Education Improvement Act (EIA) requires occupational preparatory courses supported with state funds to be accountable in terms of the success of CATE students in obtaining jobs and remaining employed. The continued funding of CATE 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 CATE 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 CATE 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 CATE 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 CATE 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 courses*

  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 CATE allocation procedure will be reviewed annually. If it appears that students are being discriminated against and/or denied CATE 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.

CATE 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 CATE 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 CATE program
- Additional equipment appropriate and/or additional equipment that is essential for the successful participation of disabled and disadvantaged students in CATE 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 CATE 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 CATE 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
### 2019-20 CURRICULUM FRAMEWORK

<table>
<thead>
<tr>
<th>School of Business, Marketing, Finance, and Information Technology</th>
<th>School of Engineering, Manufacturing, Science, and Technology</th>
<th>School of Health, Science, Education, and Human Services</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Business, Management, and Administration Cluster</strong></td>
<td><strong>Agriculture, Food, and Natural Resources Cluster</strong></td>
<td><strong>Education and Training Cluster</strong></td>
</tr>
<tr>
<td>Administrative Services (CATE)</td>
<td>Environmental and Natural Resources (CATE)</td>
<td>Education and Training</td>
</tr>
<tr>
<td>Business Information Management (CATE)</td>
<td>Building and Construction (CATE)</td>
<td>Early Childhood Education (CATE)</td>
</tr>
<tr>
<td>General Management (CATE)</td>
<td>Architecture and Construction Cluster</td>
<td>Government and Public Administration Cluster</td>
</tr>
<tr>
<td><strong>Finance Cluster</strong></td>
<td><strong>Arts, Audio-Video Technology, &amp; Construction Cluster</strong></td>
<td>Military Technologies</td>
</tr>
<tr>
<td>Accounting (CATE)</td>
<td>Architecture &amp; Mechanical Design (CATE)</td>
<td>Health Science Cluster</td>
</tr>
<tr>
<td>Business Finance (CATE)</td>
<td>Digital Art &amp; Design (CATE)</td>
<td>Biomedical Science (PLTW)</td>
</tr>
<tr>
<td><strong>Hospitality and Tourism Cluster</strong></td>
<td>Fine/Studio Arts</td>
<td>Health Science (CATE)</td>
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<tr>
<td>Culinary Arts (CATE)</td>
<td>Visual and Performing Arts</td>
<td>Pre-Med and Nursing</td>
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<tr>
<td><strong>Information Technologies Cluster</strong></td>
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<td>Sports Medicine (CATE)</td>
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<td>Networking Systems (CATE)</td>
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<tr>
<td>Programming &amp; Software Development (CATE)</td>
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<tr>
<td><strong>Marketing, Sales, and Service Cluster</strong></td>
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<tr>
<td>Marketing Communications (CATE)</td>
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<tr>
<td>Marketing and Management (CATE)</td>
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<tr>
<td><strong>Transportation, Distribution, and Logistics Cluster</strong></td>
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<td>Auto Collision Repair Technology (CATE)</td>
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<td>Automotive Technology (CATE)</td>
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<td><strong>Manufacturing Cluster</strong></td>
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<tr>
<td>Welding (CATE)</td>
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<tr>
<td><strong>Science, Technology, Engineering, and Mathematics Cluster</strong></td>
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<td>Pre-Engineering (PLTW)</td>
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<tr>
<td>Engineering Science</td>
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<tr>
<td>Biology or Chemistry Mathematics</td>
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<tr>
<td><strong>Education and Training Cluster</strong></td>
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<td>Early Childhood Education (CATE)</td>
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<tr>
<td><strong>Government and Public Administration Cluster</strong></td>
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<td>Military Technologies</td>
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<td><strong>Health Science Cluster</strong></td>
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<td>Health Science (CATE)</td>
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<tr>
<td>Sports Medicine (CATE)</td>
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<tr>
<td><strong>Human Services Cluster</strong></td>
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<td>Cosmetology (CATE)</td>
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<tr>
<td>Social Science</td>
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<tr>
<td>Family and Consumer Sciences (CATE)</td>
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<tr>
<td><strong>Law, Public Safety, and Security Cluster</strong></td>
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<tr>
<td>Law Enforcement Services (CATE)</td>
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<tr>
<td>Legal Studies</td>
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<tr>
<td>Fire Fighter (CATE)</td>
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</tbody>
</table>
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 grades 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. The IB curriculum includes English, world languages, mathematics, social studies, science, the arts, physical education and technology. It provides academic rigor while emphasizing life skills and a sense of social responsibility through community service.

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 Requirements - Students must take six (6) IB examinations. They will take one exam from Groups 1-5 and either Visual Arts, Information Technology in a Global Society (ITGS) or Chemistry as the sixth exam. Students taking the Visual Arts exam should take at least one art course prior to the eleventh grade. The IB Visual Arts exam is a combination of art history and studio art. Students must also take Theory of Knowledge 1 and 2, write an Extended Essay (a research topic of the student’s choice) and complete 150 Creativity, Action and Service (CAS) hours in the junior and senior years. In addition to the above IB MYP and IB Diploma requirements, students must also complete one (1) unit of either physical education or ROTC and one unit computer science in order to complete the requirements for a SC high school diploma.

IB Diploma Program at Wilson High School

<table>
<thead>
<tr>
<th>Group 1: Language A</th>
<th>Grade 9 IB MYP</th>
<th>Grade 10 IB MYP</th>
<th>Grade 11 IB DP</th>
<th>Grade 12 IB DP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students who do not take English 1 in 8th grade must take English 1 and 2 in 9th grade</td>
<td>MYP English 2</td>
<td>MYP English 3</td>
<td>IB English Literature HL 1</td>
<td>IB English: Literature HL 2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Group 2: Language B</th>
<th>Grade 9 IB MYP</th>
<th>Grade 10 IB MYP</th>
<th>Grade 11 IB DP</th>
<th>Grade 12 IB DP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group 2: Language B</td>
<td>MYP Spanish 2</td>
<td>MYP Spanish 3</td>
<td>IB Spanish SL</td>
<td>IB Spanish SL</td>
</tr>
<tr>
<td>MYP German 2</td>
<td>MYP Spanish 4</td>
<td>MYP German 3</td>
<td>MYP German 4</td>
<td>IB German SL</td>
</tr>
</tbody>
</table>

This plan allows students to take the Language B exam in the eleventh grade. Students who do not take Spanish 1 or German 1 in eighth grade must take Spanish/German 1 and 2 in the ninth grade.

<table>
<thead>
<tr>
<th>Group 3: Humanities</th>
<th>Grade 9 IB MYP</th>
<th>Grade 10 IB MYP</th>
<th>Grade 11 IB DP</th>
<th>Grade 12 IB DP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group 3: Humanities</td>
<td>MYP World History</td>
<td>MYP American Govt. MYP Economics</td>
<td>IB/AP History of the Americas HL</td>
<td>IB 20th Century History HL</td>
</tr>
<tr>
<td>MYP American Govt. MYP Economics</td>
<td>MYP American Govt. MYP Economics</td>
<td>IB/AP History of the Americas HL</td>
<td>IB ITGS LS 2</td>
<td></td>
</tr>
<tr>
<td>MYP Economics</td>
<td>MYP Economics</td>
<td>IB/AP History of the Americas HL</td>
<td>IB ITGS SL</td>
<td></td>
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</tbody>
</table>

American government and economics can be taken in the tenth, eleventh or twelfth grade. Students take the US History end-of-course exam at the end of 11th grade after taking History of the Americas.

<table>
<thead>
<tr>
<th>Group 4: Sciences</th>
<th>Grade 9 IB MYP</th>
<th>Grade 10 IB MYP</th>
<th>Grade 11 IB DP</th>
<th>Grade 12 IB DP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group 4: Sciences</td>
<td>MYP Biology 1</td>
<td>MYP Chemistry 1 MYP Physical</td>
<td>IB Biology 1 HL</td>
<td>IB Biology 2 HL</td>
</tr>
<tr>
<td>MYP Chemistry 1 MYP Physical</td>
<td>MYP Chemistry 1 MYP Physical</td>
<td>IB Biology 1 HL</td>
<td>IB Biology SL</td>
<td></td>
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<tr>
<td>IB Chemistry Seminar SL</td>
<td>IB Chemistry Seminar SL</td>
<td>IB Chemistry Seminar SL</td>
<td>IB Chemistry SL</td>
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</tbody>
</table>

Chemistry, Visual Arts, and ITGS are the options for the sixth IB exam. Students take the Biology end-of-course exam in the 9th grade. This is a requirement of the SC Department of Education.

<table>
<thead>
<tr>
<th>Group 5: Mathematics</th>
<th>Grade 9 IB MYP</th>
<th>Grade 10 IB MYP</th>
<th>Grade 11 IB DP</th>
<th>Grade 12 IB DP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group 5: Mathematics</td>
<td>MYP Geometry MYP Algebra 2 MYP Pre-Calculus</td>
<td>MYP Pre-Calculus MYP Algebra 2 AP Statistics</td>
<td>IB Applications and Interpretations Seminar SL</td>
<td>IB Applications and Interpretations SL</td>
</tr>
<tr>
<td>MYP Geometry MYP Algebra 2 MYP Pre-Calculus</td>
<td>MYP Pre-Calculus MYP Algebra 2 AP Statistics</td>
<td>IB Applications and Interpretations Seminar SL</td>
<td>IB Applications and Interpretations SL</td>
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<tr>
<td>MYP Algebra 2 AP Statistics</td>
<td>IB Analysis and Approaches Seminar SL or HL</td>
<td>IB Analysis and Approaches Seminar SL or HL</td>
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<tr>
<td>AP Statistics</td>
<td>IB Analysis and Approaches Seminar SL or HL</td>
<td>IB Analysis and Approaches Seminar SL or HL</td>
<td>IB Analysis and Approaches Seminar SL or HL</td>
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<tr>
<td>IB Calculus BC</td>
<td>IB Calculus BC</td>
<td>IB Calculus BC</td>
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</tbody>
</table>
Students who do not take Algebra 1 in 8th grade must take Algebra 1 and Geometry in the ninth grade.

Students who take the IB Math SL exam must complete Algebra 1, Geometry, Algebra 2, and Pre-Calculus by the end of the tenth grade. These students can take Algebra 2 in either the ninth or tenth grade.

Students who take the IB Math Studies examination must complete Algebra 1, Geometry, and Algebra 2 by the end of the tenth grade.

<table>
<thead>
<tr>
<th>Group 6: The Arts</th>
<th>MYP Art 3</th>
<th>MYP Art 3</th>
<th>IB Visual Arts HL 1</th>
<th>IB Visual Arts HL 2</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>IB Visual Arts SL Seminar</td>
<td>IB Visual Arts SL 2</td>
</tr>
</tbody>
</table>

Core

- Theory of Knowledge 1
- Extended Essay H
- Theory of Knowledge 2
- Extended Essay H

MYP Art 3 may be taken for fine arts credit or as an elective after MYP Visual Arts 1&2. Extended Essay and Service Learning are optional as classes but writing the extended essay and doing CAS hours are required for an IB diploma.

Advanced Placement Capstone

In 2019, Florence One will begin to offer 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
STEM Magnet at West Florence

STEM Approved Course List

**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 HN

**TECHNOLOGY**

- STEM Computer Programming 1 HN
- STEM Computer Programming 2 HN*
- Computer Coding 1 HN
- Computer Coding 2 HN
- Cyber Security Fundamentals 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 Macro

*Courses that count as research credit  **Bold Classes count as STEM credit**
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.
FINE ARTS Magnet at South Florence

Creative Writing
Poetry 1 Honors
Poetry 2 Honors
Creative Writing 1 Honors
Creative Writing 2 Honors
Writing for Media Honors
Screenwriting Honors
Senior Project

Dance
Introduction to Methodology Honors
Dance History Honors
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
Music Technology Honors
Introduction to Music Theory Honors
Media Arts Technology 1 Honors (2 credits)
Media Arts Technology 2 Honors (2 credits)
Filmmaking 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
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
Stagecraft Honors

Visual Arts
Design Foundations
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
## Diploma Pathways Endorsements

One or more may be earned by meeting all criteria for each Endorsement.

*Consult District or School Curriculum Guides for more information regarding curriculum choices and requirements.

### Honors Endorsement
- 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:** 3 Credits of the same language
- **Advanced Coursework:** 4 honors or higher credits in Jr/Sr year

### College-Ready Endorsement
- GPA 3.0 or higher or an ACT Benchmark
  - (18 English/22 Math)
- **English:** 4 Credits
- **Math:** 4 Credits
  - 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

### Career Endorsement
- 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
- **World Language:** Completion of an EEPA major
- **Fine Arts:** Earn at least 1 industry-recognized credential or Silver or higher on WIN or a semester-long WBL placement credit

### Specialization Endorsement
- GPA 3.0 or higher
- **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 minimum ACTFL Exam score of "Intermediate Low"; Or AP Exam score of 3 or higher; Or IB Exam score of 4 or higher before the senior year; Limited to English Proficiency students—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
Course Offerings

ENGLISH/LANGUAGE ARTS

English Courses Flow Chart 2019-20

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<th>College Prep</th>
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<td>English 4 CP</td>
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<td>AP Literature</td>
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<td>AP Literature</td>
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<tr>
<td></td>
<td></td>
<td>AP Lang/Comp.</td>
</tr>
</tbody>
</table>
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: H  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 AP Prep/GT
Level: H  Credit: 1  Grade: 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 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 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
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 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 AP Prep/GT
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.
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.

English 4 AP Prep/GT
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. Guaranteed book studies are required at the advanced level for 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 4
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.

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.

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.

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 African-American 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.

Writing for Media
South Florence Only
Level: H  Credit: 1  Grade: 10
This class is designed so that students learn various forms and processes of writing that have developed online. By utilizing web texts—from popular blogs to online journals—students will both strengthen their writing skills and explore ways to bridge the gap between hyperspace and the printed page. Texts include: Blogger’s Boot Camp by John Biggs and Charlie White; Will Write for Food: The Complete Guide to Writing Blogs by Diane Jacob; How to Blog a Book by Nina Amir; and Meaty: Essays by Samantha Irby.
Screenwriting
South Florence Only
Level: H Credit: 1 Grade: 11
Students will learn how to craft original scripts from the first spark of an idea to the completed script, ready for production. All stages of the script writing process will be covered with a particular emphasis on the elements that make script writing unique. Students discover what it means to write for film, with an emphasis on developing an original idea they can expand into a full-length script. In addition to learning the process of screenwriting and the structure of a typical script, students will read and analyze screenplays.

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 requirement 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 covered in history courses. They will learn about local legends, people, and events. They 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 in 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 newspaper. This course offers a study of the contents of the daily newspaper and the chance to write in 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.

**Video Production 1**  
*Level: CP  Credit: 1  Grade: 9-12*  
*Require:  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 I. 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 Media Arts Production II 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 Media Arts Production III 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.

**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

2019-2020 Math Flow Chart

College Prep

2 Year College (ONLY)

- Foundations in Algebra
- Intermediate Algebra
- Geometry CP
- Probability and Statistics CP
- Algebra 2 CP

4 Year College

- Algebra 1 CP
- Geometry CP
- Algebra 2 CP
- Probability and Statistics CP
- Algebra 3 CP

Accelerated/GT Pathway

- Algebra 1 H
- Geometry H
- Algebra 2 H
- Probability and Statistics H
- Precalculus H
- AP Calculus
- AP Statistics

Honors

Governor’s School Accelerated Pathway

- Algebra 1 H (8th Grade)
- Geometry H and Algebra 2 H

Accelerate:
- *PreCalculus H for Engineers
- *Math 222 Calculus I
- *Math 223 Calculus II

Team Up:
- *Algebra 3 H and *PreCalculus H or *PreCalculus H
- *AP Calculus AB
- *Math 315 Linear Algebra

*Governor’s School Courses
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. 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.

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 compete 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.

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 (TI-83/84/Nspire) is highly recommended.
STEM Algebra 2
West Florence Only
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. 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. Student ownership of a graphing calculator (TI-83/84/Nspire) is highly recommended.

Algebra 2 AP PREP/GT
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 AP Prep course, students will be expected to take this course earlier than their peers and will be expected to move at a faster 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 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 (TI-83/84/Nspire) is recommended.

Pre-Calculus AP Prep/GT
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 faster pace and solve mostly 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 (TI-83/84/89/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, the 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 rate, 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 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.

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 AP Prep/GT  
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 mostly complex problems.

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 I

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

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

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 I 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 the 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 the high school student 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 TI-83/84/89/Nspire is recommended.
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 course designed for the college preparatory student. It is the gateway course for more advanced study in the life sciences. Some major topics of discussion include: the cell, molecular basis of heredity, biological evolution, and interdependence of organisms, matter, and energy, organization of living systems, and regulation and behavior. 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 which will count as 20% of the student's final grade. 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
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 AP Prep
Level: H  Credit: 1  Grade: 11-12
Prerequisite: Biology 1H
Students enrolled in AP Prep Biology must also be enrolled in AP Biology in the spring semester, as they are paired courses. AP Prep Biology 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. This course counts as a lab science.

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
Chemistry 1 is a course for the college bound students. The students in this course develop laboratory skills necessary for high level science courses. Content areas include: quantum mechanical model, periodic law, bonding, formulas, equations, gas laws, solutions, and stoichiometry. AP-Prep Chemistry will cover additional topics to prepare students for AP Chemistry and is only open to students registered for AP Chemistry in the following semester.

Chemistry 2
Level: CP  Credit: 1  Grade: 11-12
Prerequisite: Physical Science and Algebra 1
Chemistry 2 is a course for the 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*  
Chemistry 2 is a course for the 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 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 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.

**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.

**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.

**Earth Science**  
*Level: CP  Credit: 1  Grade: 11-12*  
*Prerequisite: Passing Biology 1*  
This course is designed to engage students in the scientific and engineering practices, problem solving, decision making, critical thinking, and applied learning. Topics covered include the structure, properties, and history of the observable universe, internal and external dynamics of Earth's geosphere, the dynamic relationship between Earth's conditions over geologic time and the diversity of organisms, dynamics of Earth's atmosphere, and Earth's freshwater and ocean systems.

**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 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 counts as a lab science.

Physics 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 1. 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. This course counts as a lab science.

AP Physics 1
Level: AP  Credit: 1  Grade: 11-12
Prerequisite: Teacher recommendation
AP Physics 1 is the equivalent of a first-semester college course in algebra-based physics, but it is designed to be taught over a full academic year to enable AP students to develop deep understanding of the content and to focus on applying their knowledge through inquiry labs. The full year also allows time for inclusion of physics content specified by state standards. The course covers Newtonian mechanics (including rotational dynamics and angular momentum), work, energy, power, mechanical waves, and sound. It also introduces electric circuits. All students enrolled in the AP Physics 1 course are required to take the College Board administered examination.
African American History  
**Level: CP  Credit: ½  Grade: 9-12**
This course offers a study of the history, culture, and achievements of African Americans. It provides an analysis of the role of the African Americans in all areas of the development of the United States.

American Government  
**Level: CP  Credit: 1/2  Grade: 12**
US Government CP incorporates the structure organization and function of the American political system. Topics studied include: foundations of U.S. 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, and students will apply higher order thinking skills as they consider content throughout the course. **US Government is required for graduation.**

American Government  
**Level: H  Credit: 1/2  Grade: 12**
U.S. Government Honors incorporates the structure organization and function of the American political system. Topics studied include: foundations of 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. It is strongly recommended that students have Honors English placement. **U.S. Government is required for graduation.**

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
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 Honors
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.

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 the 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
**Level: CP  Credit: 1  Grade: 11**
United States History is a survey course tracing the history of our country. The course includes early history through the Civil War, with course emphasis on the years from Reconstruction to the present. Topics studied in depth include western migration and immigration from the end of Reconstruction through the first part of the 20th century, the Industrial Age and urbanization, America as a world power, progressivism, World War I, the Great Depression and New Deal, World War II, domestic issues and policies from World War II to the present, and international issues, policies, and involvement from the Cold War to the present. Students will apply higher order thinking skills as they consider content throughout the course. U.S. History is required for graduation. Students must take the state-required end-of-course US 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

**Level: H  Credit: 1  Grade: 11**

United States History Honors is an in-depth study of the impact and implications of decisions made throughout the history of our country. The course includes early history through the Civil War with course emphasis on the years from Reconstruction to the present. Topics studied in depth include western migration and immigration from the end of Reconstruction through the first part of the 20th century the Industrial Age and urbanization America as a world power progressivism World War I the Great Depression and New Deal World War II domestic issues and policies from World War II to the present and international issues policies and involvement from the Cold War to the present. 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.

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. US Government 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 analyses, 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.

World Geography

**Level: CP  Credit: 1  Grade: 9**

World Geography is the standards-based course including the physical and cultural characteristics of Earth. The course is organized systematically around the topics of region, physical earth dynamics, population, culture, economic systems, urban systems, political systems, and the environment. This course requires critical thinking and is conceptual in nature. It may be taught from either a systematic or a regional perspective. Map-reading skills, History/Social Studies Literacy skills, and the use of geographic models and geographic information systems is an integral part of this course. Parallel readings, critical research, and authentic product and performance development will be a requirement. It is recommended students have Honors English placement. NOTE: This course is an elective.

World Geography

**Level: H  Credit: 1  Grade: 9**

World Geography is the standards-based course including the physical and cultural characteristics of Earth. The course is organized systematically around the topics of region, physical earth dynamics, population, culture, economic systems, urban systems, political systems, and the environment. This course requires critical thinking and is conceptual in nature. It may be taught from either a systematic or a regional perspective. Map-reading skills, History/Social Studies Literacy skills, and the use of geographic models and geographic information systems is an integral part of this course. Parallel readings, critical research, and authentic product and performance development will be a requirement. It is recommended students have Honors English placement. NOTE: This course is an elective.
World History
Level: CP    Credit: 1    Grade: 10
The intent of this course is to enable the student to see how past events of history influence the present. The course begins with the study of ancient Greece, Rome, India and China, emphasizing their influence on later ages. The course deals with the development of the major religions; and the changes in society associated with the Middle Ages, the Renaissance, the rise of nations states and nationalism, the World Wars, the Communist World and the Cold War. Present problems in the Americas, Europe, the Middle East, the Far East, and Africa are also examined.

The honors course utilizes parallel readings, essay writing and research for a more in-depth study.

World History
Level: H    Credit: 1    Grade: 10
The course is designed to focus on the making of the modern world. Students will develop an understanding of how people and countries of the world have become increasingly interconnected. The course will focus on how the changes over the last 700 years including population growth, demand for resources, curiosity, and technology have converged to draw the distant corners of the world closer together.

History/Social Studies Literacy skills and critical thinking is integral to this course, which emphasizes why and how people, ideas, and technology have made an impact on diverse groups of people. Parallel readings, critical research, and authentic product and performance development will be a requirement. It is recommended students have Honors English placement. NOTE: This course is an elective.

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 in an introduction to the language with emphasis upon mastery of aural-oral skills, listening, comprehension, formation of speech patterns, reading, and writing. Students develop language proficiency as they explore the three modes of communication through interaction with authentic texts and materials, and performance-based activities.

French 2
Level: CP Credit: 1 Grade: 10-12
This is a continuation of French I with emphasis still on aural-oral skills, but with an increasing emphasis upon the skills of reading and writing. Students develop language proficiency as they explore the three modes of communication through interaction with authentic texts and materials, and performance-based activities.

French 3
South Florence and West Florence Only
Level: H Credit: 1 Grade: 11-12
Requirement: Teacher Recommendation
This course is an introduction to literature, with continued conversational skills, biographical sketches, and original composition. Students develop language proficiency as they explore the three modes of communication through interaction with authentic texts and materials and performance-based activities.

French 4
West Florence Only
Level: H Credit: 1 Grade: 11-12
Requirement: French 3 and teacher recommendation
This course is designed to build on and reinforce French 1, 2, and 3. This standards-based course reflects the South Carolina Academic Standards for Modern and Classical Languages and the National Foreign Language Standards. Language skills are integrated into thematic units which cover the five goal areas of world language education: Communication, Connections, Comparisons, Communities and Cultures. Students will be engaged in activities that promote critical thinking, enhance their communicative ability, and foster the respect and appreciation of cultures other than their own. A grade of “77” or better in French 3 is strongly recommended in order to do well in French 4.

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 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 is an introduction course to the language with emphasis upon aural-oral skills, listening, comprehesion, and formations of speech patterns. Students develop language proficiency as they explore the three modes of communication through interaction with authentic texts and materials and performance-based activities.

Spanish 2
Level: CP Credit: 1 Grade: 10-12
This course is a continuation of Spanish I with emphasis upon skills of reading and writing. Students develop language proficiency as they explore the three modes of communication through interaction with authentic texts and materials and performance-based activities.

Spanish 3
Level: H Credit: 1 Grade: 11-12
This course is a review of grammatical principles and will introduce Hispanic literature and civilization. Students develop language proficiency as they explore the three modes of communication through interaction with authentic texts and materials and performance-based activities.
Spanish 4
Level: H  Credit: 1  Grade: 11-12
Requirement:  Spanish 3 and teacher recommendation
This course is designed to build on and reinforce Spanish 1, 2, and 3. This standards-based course reflects the South Carolina Academic Standards for Modern and Classical Languages and the National Foreign Language Standards. Language skills are integrated into thematic units which cover the five goal areas of world language education: Communication, Connections, Comparisons, Communities and Cultures. Students will be engaged in activities that promote critical thinking, enhance their communicative ability, and foster the respect and appreciation of cultures other than their own. A grade of “77” or better in Spanish 3 is strongly recommended in order to do well in Spanish 4.

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 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 2 (Advanced, Symphonic or Honor Band)
Level H  Credit: 1 per semester (yearlong course)
Grade 10
Required:  Audition or teacher recommendation for Advanced/Honors Band
This course is an advanced level band class that is open by audition and teacher recommendation for students after completion of Band 1 or 2. 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 concerts, and marching are required. **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

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 skills of singing are taught with emphasis upon posture, tone quality, and diction. Chorus 1 and 2 are performance based class. Students are required to participate in school and classroom concerts. Some classes may be gender specific such as Girls 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 chorus 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.

Honors Orchestra
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 with no prior music or guitar experience. Each student must provide his/her own acoustic guitar. This class is subject to teacher availability.

Piano Lab
Level: CP Credit: 1 Grade: 9-12
This will be a beginning piano lab with curriculum based on teaching performance skills for the beginning piano student.

THEATRE ARTS

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

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, costume, 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.

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.
Stagecraft 1  
**Level: H  Credit: 1  Grade: 10**
This course is for the serious student actor who likes to perform. It emphasizes a progressive, in-depth study of acting for the camera. Performance material is complex and challenging. It will also focus on the different types of acting for the camera, including commercials, industrials, and voiceover, radio, and feature films. They will be involved in creating original work. This course will include performance in front of a camera for in these different areas. It will also include in person and online chats with current film and television actors, agents, directors.

**DANCE - South Florence Only**

Dance 1 - 2  
**Level: CP  Credit: 1  Grade: 9-10**
**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 use 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.**

Honors Dance  
**Level: H  Credit 1  Grade: 10-12**  
**Prerequisite:** Advanced dance training by audition or 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**  
**Prerequisite:** Teacher recommendation  
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**  
**Prerequisite:** Teacher recommendation  
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:** 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:** 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 AP Portfolio Prep  
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.

Design Foundations  
Level: H  Credit: 1  Grade: 9  
Design Foundations is an introductory course in which students study the design elements and principles which form the basis for developing composition and are necessary for the appreciation and production of artworks. Objectives include studying the appreciation of art, understanding the characteristics and potentials of many tools and processes, appreciating the importance of art in everyday life, developing individual capabilities including creativity and originality, and learning to visually and verbally express thoughts, feelings, and ideas. Design Foundations is a prerequisite for all other Visual Arts courses.

Advanced Studio Arts  
Level: H  Credit: 1  Grade: 11-12  
Prerequisite: Art 4 and Teacher Recommendation  
This course is designed as an independent study for art students developing a personal portfolio. It is an honors course for students wishing to pursue an additional art credit to further develop a personal portfolio.

AP Studio Art  
Level: AP  Credit: 1  Grade: 11-12  
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 in studio are required to submit a portfolio at the completion of the course for College Board examination.

AP Art History  
Level: AP  Credit: 1  Grade: 11-12  
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.

Media Arts 1  
Level: CP  Credit: ½  Grades: 9-12  
Course curriculum will include interviewing, script writing, video production, and broadcasting. Students will write and produce news broadcasts, building on the broadcasting program offered in the middle school and preparing them for a college major in media studies.

Media Arts 2  
Level: CP  Credit: 1  Grades: 9-12  
Prerequisite: B or Higher in Media Arts 1  
This course will include video production, short films, and stop motion animation. Students will write and produce films, building on the knowledge and skills acquired in Media Arts 1.

Printmaking  
Level: CP  Credit: 1  Grade: 10-12  
Prerequisite: Art I  
Printmaking is designed for art students interested in furthering their experiences in two-dimensional design. This class is designed for students looking for careers in advertising and print media. Students will progress from simple printmaking techniques to more advanced processes with the final production of a bookmaking technique.

Photography and Digital Imaging  
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.

Painting and Drawing  
Level: CP  Credit: ½  Grade: 10-12  
This course is meant for the student who wants to explore two-dimensional media focusing on traditional painting and drawing techniques including grid duplication, pen and ink, and oil painting on canvas.

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.

Filmmaking
Level: H  Credit: 1    Grade: 10
This semester long course will introduce students to the various elements of film, (including cinematography, editing, screenwriting, acting, narrative structure, sound, and mise-en-scène/design). Students will learn to analyze these aspects of film through movie reviews, response papers, and creative projects. Movies viewed will be rated G, PG, or PG-13. Research and writing will be integral parts of this course.

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
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 A course curriculum is compatible with many CS1 courses in colleges and universities. The AP Computer Science A 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 A 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.
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.

**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 H
- 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

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**CAREER AND TECHNICAL EDUCATION (CATE)**

**AGRICULTURAL EDUCATION**

**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
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.

**BUSINESS/MARKETING EDUCATION**

**Accounting 1**
Level: H  Credit: 1  Grade: 10-12
Prerequisite: “C” or above in Algebra 1
This course is designed to help the student develop the skills necessary for the highly technical interaction between accounting and business, an understanding of the steps of the accounting cycle as applied to several different kinds of business operations, and an understanding of accounting concepts, principles, and practices. Use of the computer in simulated activities gives the students an opportunity to see advantages of technology in accounting procedures. A grade of “C” or better in Accounting 1 is needed in order to be recommended for Accounting 2.

**Accounting 2**
Level: H  Credit: 1  Grade: 10-12
Prerequisite: “C” or above in Accounting 1 and Teacher Recommendation
This course expands the student’s understanding of accounting subsystems and develops an understanding of various methods of internal control procedures. The student develops competence in using subsidiary ledgers, preparing financial statements, and performing end-of-period procedures. The student will demonstrate the use of accounting principles through the use of computer software and simulated activities.

**Advertising**
Level: CP  Credit: 1  Grade: 11-12
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
Prerequisite: Accounting 1
This course is designed to provide students with a foundation in corporate business finance concepts and applications including fundamentals, financial environment, management planning, maintenance and analysis of financial records, long and short term financial activities, financial business activities, financial institutions and banking services, consumer credit, business insurance, technology and financial management, and International finance.
Computer Programming with Java 1
Level: H Credit: 1 Grade: 10-11
Prerequisite: Any Computer related course, Algebra I or equivalent, and/or teacher recommendation
This course is designed to give students a solid foundation in programming with Java programming language. You will learn and practice essential computer science concepts using the Java programming language. Java is one of the most popular programming languages used by software developers today. It is the core language used in developing Android apps, and is also commonly used in back-end web development. If you’re new to programming and want to enter either of these fields, this course is a great place to get started.
Even if you don’t have a career trajectory in mind, Java programming is a great option for first-time coder due to its popularity and ease of use. This course will provide you with a solid foundation in computer science and Object Oriented Programming concepts, as well as set you on the path for success in a computer science related field.

Computer Programming with Java 2
Level: H Credit: 1 Grade: 11-12
Prerequisite: Computer Programming 1 with Java
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.

Coding 1
Level: H Credit: 1 Grade: 9-12
This course is designed for students who have never coded before. Students will learn the fundamental history of computer science and the evolution of code. Students will use block based coding platforms to solve programming problems and automate solutions. 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.

Coding 2
Level: H Credit: 1 Grade: 9-12
Prerequisite: Coding 1
This course is designed to take students to a deeper understanding of how data is collected and processed in programming, begin working with language based coding platforms using Python, and learn methods to proofread code.

Digital Art & Design 1
Level: CP 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: CP Credit: 2 Grade: 11-12
Prerequisite: Digital Arts & Design 1
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.

Digital Publication Design
Level: CP Credit: 1 Grade: 10-12
Prerequisite: Successful completion of computer science
This course is an expansion of office computing incorporating the use of desktop publishing software or word processing software with desktop capabilities, a computer system, and a printer to produce professional-looking documents.

Entrepreneurship
Level: CP Credit: 1 Grade: 10-12
This course is designed to provide students with the knowledge and skills leading to the development of a business plan for small business ownership. An important part of the course will be the incorporation of marketing, staffing, and financial considerations.
Fundamentals of Computing
Level: H Credit: 1 Grade: 9-10
This course of study is designed to allow students to explore a variety of computer science topics, such as Web design, human computer interactions, programming, and problem solving. Optional topics include mobile applications, robotics, and digital animation. Students will develop critical thinking, logic, and problem solving skills relevant to today’s technology.

Image Editing
Level: CP Credit: 1 Grade: 10-12
Prerequisite: Successful completion of computer science
Students are instructed in the fundamental features of using digital imaging software in editing and designing both photos and graphics. Students also learn the use of hardware and software technologies such as basic computer operations, file sharing across networks, digital scanning, digital photography, preparation of documents for output to various types of high resolution printers, and color calibration.

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 the basic course in the marketing curriculum and should be taken before the specialized courses.

Networking Fundamentals
Florence Career Center Only
Level: H Credit: 2 Grade: 10-12
This course is part of the Information Technology (IT) cluster. The Networking Fundamentals course introduces students to fundamental networking concepts and technologies. The Florence Career Center is a Cisco Networking Academy and a Cisco Networking Academy course is currently utilized to teach Networking Fundamentals. Current instruction includes: explore the network, configure a network operating system, network protocols and communication, network access, Ethernet, network layer, IP addressing, sub netting IP networks, transport layer, application layer, and build a small network. By the end of the course, students will learn how to build simple LANs, perform basic configurations for routers and switches, and implement IP addressing schemes. The use of critical thinking skills and problem-solving techniques are important in this course. Upon completion of Networking Fundamentals & Advanced Networking, students will be prepared to perform entry-level networking tasks under the supervision of an experienced network administrator. It is anticipated that students will continue their education in a two year or four year college.

Advanced Networking
Florence Career Center
Level: H Credit: 2 Grade: 11-12
Prerequisite: Networking Fundamentals and Teacher recommendation
This course is part of the Information Technology (IT) cluster. The Advanced Networking course covers the architecture, components, and operations of routers and switches in a small network. The Florence Career Center is a Cisco Networking Academy and a Cisco Networking Academy course is currently planned to teach Advanced Networking. Planned instruction includes: introduction to switched networks, basic switching concepts and configuration, VLANs, routing concepts, inter-VLAN routing, static routing, routing dynamically, single-area OSPF, access control lists, DHCP, and network address translation for IPv4. By the end of the course, students will learn how to configure and troubleshoot routers and switches for basic functionality. The use of critical thinking skills and problem-solving techniques are important in this course. Upon completion of Networking Fundamentals & Advanced Networking, students will be prepared to perform entry-level networking tasks under the supervision of an experienced network administrator. It is anticipated that students will continue their education in a two year or four year college.

Fundamentals of Web Page Design and Development
Level: CP Credit: 1 Grade: 9-12
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: 9-12
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 source code directly rather than using a WYSIWYG editor.
CONSUMER AND LIFE SCIENCES

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: 10-12
Prerequisite: Child Development
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.

Family and Consumer Science 1
Level: CP Credit: 1 Grade: 9-11
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: 11-12
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.

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. 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 internship.

Family Life 1
Level: CP Credit: 1 Grade: 9-11
The family life education course is the core of the home economics education program. Family life education emphasizes the family as the basic foundation of society while exploring the complexities of marriage and family life in a changing society. The establishment and maintenance
of interpersonal relationships, preparation for marriage and family life, and management of resources to achieve individual and family goals are the focus of this course.

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 will be trained in basic healthcare skills and introduced to careers in Nursing, Physician Specialties, Medical Technology, Physical Therapy, Radiology, Respiratory Therapy and others. The course will be taught at McLeod Medical Center daily. Only students with a genuine interest in the medical field should apply. Each student selected must have teacher recommendation and must go through an interview process. 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: 11-12
Prerequisite: Health Science 1 or Sports Medicine 1 and Teacher recommendation
Students will learn about “Transmission Based Precautions” and become more familiar with OSHA, HIPPA, 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: 11-12
Prerequisite: Health Science 2 or Sports Medicine 1 & Teacher Recommendation
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). This is the 3rd course in a 4 course sequence for Health Science

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.
Health Informatics 1 - Data and Use
Level: H   Credit: 1   Grade: 9-12
This foundational course focuses on the use of data and databases within the health field. Students explore the following questions using project-based and problem-based scenarios. What are data? What are the sources of data in the medical and health informatics fields? How can we use data? How do we make sense of data? How may we apply data to our own lives? Students interact with professionals in the health informatics field through interviews or on-site and/or virtual field trips.

Health Informatics 2- TR
Level: H   Credit: 1   Grade: 10-12
Prerequisite: Health Informatics 1
In this course, students study ways to use data to address both patient and industry needs in the health-care field. Students use software such as Microsoft Access, Excel and Balsamiq to collect and analyze data, develop a health-care registry, create a mobile app mockup and develop forms and systems to solve health-care problems. The following questions are addressed through project or problem-based scenarios: How can technology and analysis create better information to inform better decisions? How can we use technology tools to create information from data? How can we use technology to improve public and individual health? How can we use technology to protect patient privacy?

Pharmacology for Medical Careers
Florence Career Center
Level: H   Credit: 2   Grade: 12
Prerequisite: Students must be a three unit completer in any Health Science Pathway to enroll in this course OR students must have taken two required foundational courses in any Health Science Pathway plus Health Science 3 to enroll in this course.
The main goal of the Pharmacology for Medical Careers online 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 filling 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 online class will be facilitated by a Health Science Instructor. The student will be required to pay for the one year license for the online course as well as the certification exam (if the student chooses to take it after completing required on the job hours after completion of the training program.)

Sports Medicine 1
Level: CP   Credit: 1   Grade: 10-12
Prerequisite: Sports Medicine 1 and Teacher Recommendation
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: 11-12
Prerequisite: Sports Medicine 1 and Teacher Recommendation
Sports Medicine 2 emphasizes the assessment and rehabilitation of athletic injuries. Subject matter will include discussion of specific conditions and injuries that may be experienced by individuals participating in athletic activities. In addition, the use of appropriate therapeutic modalities and exercise in the care and rehabilitation and treatment of injuries will be examined. A review of the body systems will be included with 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. Anatomy and Physiology is recommended before taking this class.

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 clinical situations either at school with their athletic department or in an outside clinical setting for real world experience.
Sports Medicine Work Based
Level: H  Credit:  1  Grade: 11–12
Prerequisite: Sports Medicine 1 and 2, current CPR/AED certification, Anatomy & Physiology and Application Required.
This course emphasizes work-based Learning (WBL) experiences to prepare students for post-secondary education in the field of sports medicine and other allied health fields. Students must complete 120 hours WBL experience on/off campus with a sports medicine specialist(s) including but not limited to physicians, athletic trainers, physical therapists, occupational therapists, massage therapists, registered dietician, etc. Students are evaluated using the grading criteria established for WBL credit courses. A WBL application must be completed and submitted to the school’s WBL facilitator.
Students may earn up to three (3) units through WBL experiences based on the number of work-based hours completed.

INDUSTRIAL AND SERVICE EDUCATION

Automotive Collision Repair Technology 1
Florence Career Center
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. Eighty-five percent of the instructional time will be spent in the shop performing hands-on repairs.

Automotive Collision Repair Technology 2
Florence Career Center
Level: CP  Credit:  2  Grade: 11-12
Prerequisite: 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
Florence Career Center and Wilson High School
Level: CP  Credit:  2  Grade: 10-11
Prerequisite: Sports Medicine 1 and 2, current CPR/AED certification, Anatomy & Physiology and Application Required.
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 hands-on activities. Automotice Technology 1 is theory oriented and a proving ground for students that plan to enter Automotive Technology 2.

Automotive Technology 2
Florence Career Center and Wilson High School
Level: CP  Credit:  2  Grade: 11-12
Prerequisite: 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. Automotive Technology 2 is application oriented.

Building Construction 1
Florence Career Center
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
Florence Career Center
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
nail technology while following proper sanitation, disinfectants, and safety procedures. Students will also learn how to handle the business aspects of this profession. (Level 1 students must complete SCLLR 183 Clock Hours and SCDE 73 Clock Hours for 256 Total Clock Hours). Successful completion of hours and board examination may lead to a licensing as a nail technician.

Nail Technology 2
Florence Career Center

Level: CP Credit: 2 Grade: 10-12
Nail Technology is a program that prepares individuals to shape fingernails and toenails, remove unwanted skin and blemishes, apply polish and cosmetics to nails, and function as licensed manicurists or nail technicians/specialists. Instruction includes manicuring theory; skin anatomy; nail growth, irregularities, and diseases; sterilization and sanitation; equipment and table maintenance; cuticle, blemish, and rough skin removal; nail filing, shaping, and polishing; cream application and extremity massage; nail sculpture and design art; product storage and use; customer services; laws and regulations; and business practices. (Level 2 students must complete SCLLR 117 clock hours, SCDE – 107 clock hours for 224 total clock hours)

Culinary Arts 1
Florence Career Center

Level: CP Credit: 2 Grade: 10-12
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
Florence Career Center

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...
Law Enforcement 1  
Florence Career Center  
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  
Florence Career Center  
Level: CP  Credit: 2  Grade: 11-12  
Prerequisite: 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-alongs to gain some knowledge of how the police perform their duties.

Mechanical Design 1  
Florence Career Center  
Level: H  Credit: 2  Grade: 10-11  
Prerequisite: “C” in Geometry  
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  
Florence Career Center  
Level: H  Credit: 2  Grade: 11-12  
Prerequisite: 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. Upon completion of the Mechanical Design course students will be prepared for entry-level related careers or post-secondary education courses.

Welding Technology 1  
Florence Career Center  
Level: CP  Credit: 2  Grade: 10-11  
Prerequisite: “C” or above in Alg. 1  
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  
Florence Career Center  
Level: CP  Credit: 2  Grade: 11-12  
Prerequisite: 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.
**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. The upper level courses are offered at the Center for Advanced STEM Studies, which is housed within the F1S Career Center. PLTW courses at the Center are paired with a science course which will further enhance students’ understanding and preparation for post-secondary study and careers. Center students have many opportunities for self-directed learning. They will have opportunities to develop their research skills, pursue a deeper understanding of a subject area of their own interest, and interact with experts in their particular field of study. Such cutting edge opportunities enhance student motivation to become academically confident and competent.

### Engineering

**Introduction to Engineering Design (IED)**

*Level: H   Credit: 1   Grade: 9-12*

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)

**Florence Career Center**

*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

**Florence Career Center**

*Level: H   Credit: 1   Grade: 10-12*

*Prerequisite: Civil Engineering and Architecture*

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 advance 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.

Cybersecurity
Level: H Credit: 1 Grade: 9-12
This course will engage students in compelling, real world challenges. Students will work to design solutions, they will learn computational thinking and become better thinkers and communicators. For students seeking a career in the growing field of cybersecurity or learning to defend their own personal data or a company’s data, students in Cybersecurity establish and ethical code of conduct while learning to defend data in today’s complex cyber world.

Biomedical Sciences

Principles of Biomedical Sciences (PBS)
Level: H Credit: 1 Grade: 9-12
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.

Medical Interventions (MI)
Level: H Credit: 1 Grade: 10-12
Prerequisite: Human Body Systems
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. This course is offered at the Center for Advanced STEM studies. During the semester that students are enrolled in MI, they will also take AP Biology at the Center. These courses will provide a strong foundation for post-secondary studies in all medical fields, biology, or biomedical engineering.

Capstone Course
Biomedical Innovation (BI)
Level: H Credit: 1 Grade: 10-12
Prerequisite: Principles of Biomedical Studies
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. This course will be offered starting in 2017 at the Center for Advanced STEM studies.