WANDO HIGH SCHOOL
1000 WARRIOR WAY
MOUNT PLEASANT, SOUTH CAROLINA 29466

Dr. Sherry M. Eppelsheimer
Principal

<table>
<thead>
<tr>
<th></th>
<th>Telephone</th>
<th>Fax</th>
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</thead>
<tbody>
<tr>
<td>Main Office</td>
<td>(843) 881-8200</td>
<td>(843) 849-2890</td>
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<tr>
<td>Center for Advanced Studies (CAS)</td>
<td>(843) 856-5800</td>
<td>(843) 884-4560</td>
</tr>
<tr>
<td>Main Attendance Office</td>
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</tr>
<tr>
<td>Guidance Office</td>
<td>(843) 881-8275</td>
<td>(843) 881-8223</td>
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Disclaimer: This Program of Studies contains information, to our knowledge, current as of March 8, 2019. As state and district policies and regulations are revised and received, updated information will be available in the Wando High School Guidance Office. Some courses offered in this Program of Studies may not make for the 2019-2020 school year due to lack of enrollment.
OVERVIEW

Wando High School’s Program of Studies has been prepared for students, parents, teachers, and guidance counselors. Please review this information carefully. Students will receive individual advisement from guidance counselors to help them make appropriate course selections. In some cases, academic recommendations are necessary from the student’s teachers prior to his or her guidance conference.

Each student’s academic advisor and teachers should also serve as resources for advice and help in making course selections and the process for registering for classes. Students should take seriously the selection of courses for the next school year and choose a course of study based on their individual goals and abilities.

In addition to reviewing the South Carolina requirements for a high school diploma, students should also review the minimum requirements for admission to South Carolina public four-year colleges and universities as specified by the South Carolina Commission on Higher Education. These requirements are summarized within this Program of Studies.

Students’ elective course choices are very important and should be made in alignment with their college and career goals. Students are encouraged to complete a major of elective courses based on their long-term occupational goals. The Curriculum Framework provides an outline of the schools of study, clusters, and majors available at Wando High School. The 2019-2020 Curriculum Framework will be used as part of the course selection process.

Many colleges and universities are highly selective in their admissions. Wando students are encouraged to select a rigorous course of study and enroll in higher level courses as much as possible. Although guidance counselors are available for academic advising, students and their parents are responsible for making certain that the student’s academic plan meets the requirements of both the intended diploma and post-secondary school of choice. A rigorous senior year of study is an expectation of many colleges and employers. Wando’s seniors are encouraged to select challenging courses and to consider advanced placement and dual credit options. Seniors should also consider courses which can lead to industry certification and employment.

The courses that students select are the basis for employment of teachers and the development of the master schedule. Any request for a schedule change should be made by May 31, 2019. Wando High School makes every effort to ensure that the information in this Program of Studies is informative and accurate. However, new statutes and regulations may impact, negate, or change the implementation of the programs and/or courses described. This Program of Studies should in no way be seen as a contract but as a guideline for students as they move through their high school years.
PROFILE OF THE SOUTH CAROLINA GRADUATE

World Class Knowledge

• Rigorous standards in language arts and math for career and college readiness
• Multiple languages, science, technology, engineering, mathematics (STEM), arts and social sciences

World Class Skills

• Creativity and innovation
• Critical thinking and problem solving
• Collaboration and teamwork
• Communication, information, media and technology
• Knowing how to learn

Life and Career Characteristics

• Integrity
• Self-direction
• Global perspective
• Perseverance
• Work Ethic
• Interpersonal skills
ACT, PreACT, PSAT, SAT, and WIN

The ACT is a standardized test designed to measure high school students’ general educational development and their ability to complete college-level work. Unlike the SAT, the ACT is curriculum based: it is not an aptitude test. The questions on the ACT test the core subjects that students typically study through their third year of high school (English, reading, mathematics, and science). The ACT features an optional writing test. Students should check with their prospective colleges to see if they need to complete the essay portion.

The PreACT simulates the ACT testing experience within a shorter time on all four ACT test subjects. The results predict future success on the ACT test and provide current achievement and projected future ACT test scores. Students may opt to share their information with colleges and scholarship agencies.

The PSAT has two primary purposes. It introduces students to the organization and types of questions found on the SAT and helps students to predict their scores on the SAT. The junior year PSAT scores are used in selecting semifinalists for the National Merit Scholarship awards, early college admissions, and programs such as the Governor’s School and college Junior Scholar/Fellow Awards.

The SAT is a standardized test that colleges use to evaluate students’ college preparedness. It is designed to measure a student’s ability to understand and process elements in three subjects: reading, writing, and mathematics. SAT scores are calculated based on a student’s performance relative to other test-takers and have proven to be an indicator of college success. When a student registers for the SAT, he or she will indicate whether or not he or she wants to take the SAT with or without the essay. Some colleges and universities require the essay and others do not. If students are unsure if the colleges they are interested in attending require the essay portion, it is recommended to take it to be sure that their applications are processed.

The WIN National Career Readiness test has taken the place of the WorkKeys Certification. The WIN test consists of four multiple choice timed tests: Applied Mathematics, Reading for Information, Locating Information, and Essential Soft Skills. The Ready to Work tests measure real world skills that employers believe are critical to job success. This test shows potential employers a student’s skills in order to improve his or her chances of getting hired.
ATTENDANCE

Attendance is a requirement for promotion and/or credit. Students must attend at least 85 days of a 90-day course or 170 days of 180-day course or 42 days of a 45-day course. Students who exceed the approved limits for unexcused absences may not receive credit in the course. Students who are tardy to a class and miss more than half of the class period or block will be counted absent for that day’s class.

According to South Carolina law, excessive student absences may lead to denial of credit. Students must present an excuse to proper school officials within three school days following the return from an absence or absences. These notes are crucial in determining whether credit can be awarded. Physicians’ notes and excuses for legal appointments and death in the family are important factors in determining if credit can be awarded. Notes must be turned in as soon as the student returns to school.
AVAILABILITY OF CLASSES

Decisions on whether courses can be offered are dependent on student enrollment and teacher staffing. Wando High School reserves the right to cancel or eliminate courses for any given school year. If the administration decides to cancel a course due to low student enrollment or lack of teachers, the student’s alternate choice will be used. If that course is also not available, the student will be consulted to make a new selection. If the student cannot be reached, his or her administrator or counselor will make the choice.
AWARDS

For all State awards, only those students who are candidates for a South Carolina High School Diploma will be included in the calculation of class rank. Students in the Charleston County School District may receive the following awards:

Charleston County School District Board Scholar Certificate

This certificate is awarded to graduating seniors based on GPA calculated at the end of the third nine weeks grading period. A student must achieve a four-year GPA of 4.25 or better on the South Carolina Uniform Grading Scale.

Selection of Honor Graduates

To be named first or second honor graduate a student must, at a minimum:

1. Have been enrolled in the school for the entire junior and senior years; and
2. Have the highest GPA in the senior class after third quarter grades are posted and after dual credit courses taken in the spring semester of the senior year are posted to the transcript and calculated into the GPA.

In the event two or more students tie, the students will share the honor. Class rank calculation will apply only to students who receive a South Carolina High School Diploma.
CLASS RANK

All courses taken for high school graduation credit are included in the calculations for class rank. The computation of class rank is based on overall numeric grades awarded and the level of the course in which that grade was earned. Under the Uniform Grading Policy passed by the South Carolina Board of Education, all course grades are based on a state-defined grading scale with corresponding grade point values for each numerical grade. Increased quality points for courses are as follows:

- Honors – add 0.5 quality point
- Advanced Placement and Dual Credit – add 1.0 quality point

Grade Point Averages earned by students will be calculated based on the Uniform Grading Policy in force at the time of their enrollment. All South Carolina public schools use the following formula to compute all GPAs:

\[
\text{GPA} = \frac{\text{Sum (quality points x units)}}{\text{Sum of units attempted}}
\]

The formula will yield the student’s GPA that can be ranked from highest to lowest rank in class. The GPA will be calculated to three decimal places. Computations may be rounded to a higher number. All diploma candidates will be included in the ranking. Students who tie for a rank will share the rank.
Wando High School students may obtain college credits through the following programs:

**Advanced Placement courses** are designed for students ready for the rigors of college level academic work. This program is operated by a national organization, the College Board, which defines course curriculum, provides teacher training, and administers a national standardized examination for each course. By South Carolina regulation, students enrolled in an Advanced Placement course funded by the State must take the Advanced Placement examination administered by the College Board. Most colleges award college credit to students who earn at least a rating of “3” out of a possible “5” on the examination while others require a score of “4”. Some colleges require successful completion of Advanced Placement courses for admission to the college and do not award credits toward the college degree. Parents and students are advised to check with colleges and universities for details. The student’s grade for a high school Carnegie unit will be based on the teacher’s course grades and the course grade will receive an additional weight of 1.0 on the South Carolina Uniform Grading Scale.

**Dual Credit courses**, whether they are taken at the high school where the student is enrolled or at a post-secondary institution, are those courses for which the student has been granted permission to earn both Carnegie units (high school) and college credit. Students must have prior permission from the principal or designee to enroll for dual credit and meet the requirements specified by the college. Students are responsible for verifying any college or university’s acceptance of credits earned as dual credit. Enrollment in a dual credit course does not guarantee college or university acceptance. Dual credit courses will be offered on the Wando campus through a special arrangement with Trident Technical College and the College of Charleston. Only courses applicable to baccalaureate or associate degrees offered by accredited institutions in South Carolina may be accepted for dual credit. Tuition, books and other college course fees shall be at the expense of the student or his or her parents or legal guardians. Lottery tuition scholarships may be available which could pay some portion of the tuition for students enrolled in six or more college hours at Trident Technical College. A three-hour college course shall transfer as a 1.0 Carnegie unit at the high school. These courses receive an additional weight of 1.0 on the South Carolina Uniform Grading Scale. Forms for permission to enroll in college courses for dual credit are available in the Guidance Office.

**The Teacher Cadet Program** is a college level dual credit course intended for students interested in pursuing a career in education. Opportunities are provided for students to gain factual information about teaching as a profession as well as to observe and experience teaching activities in various school settings. Students are responsible for verifying any college or university’s acceptance of credits earned for completing the Teacher Cadet Program. Enrollment in the course does not guarantee college or university acceptance. Any fees or costs of the program are the responsibility of the student or his or her parents or legal guardians.
COMMENCEMENT EXERCISES

Only those students who meet all requirements for graduation may participate in the commencement exercises held at the end of the school year. Failure to complete graduation requirements will prohibit participation in commencement exercises. The school is not responsible for announcements, caps and gowns or other graduation paraphernalia and/or expenses for those students who do not complete graduation requirements.
CONVERTING GRADES ON TRANSCRIPTS

When transcripts are received from accredited out-of-state schools (or in-state from accredited sources other than the public schools) and numerical averages are provided, those averages must be used in transferring the grades to the student’s record. If letter grades with no numerical averages are provided, the chart below will be applied.

<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>Seven Point Grading Scale (courses completed prior to August 15, 2016)</th>
<th>Ten Point Grading Scale (courses completed after August 15, 2016)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>96</td>
<td>95</td>
</tr>
<tr>
<td>B</td>
<td>88</td>
<td>85</td>
</tr>
<tr>
<td>C</td>
<td>80</td>
<td>75</td>
</tr>
<tr>
<td>D</td>
<td>73</td>
<td>65</td>
</tr>
<tr>
<td>F</td>
<td>61</td>
<td>51</td>
</tr>
</tbody>
</table>

If the transcript indicates that the student has earned a passing grade in any course in which he or she had a numerical average lower than 60, that average will be converted to a 65 numerical grade on the new scale. See State Board of Education Regulation 43-273 for additional information on transfers and withdrawals.

If the transcript indicates that the student has earned a grade of P (passing) or F (failing), that grade will be converted to a numerical designation on the basis of information secured from the sending institution as to the appropriate numerical value of the “P” or the “F.” If no numerical average can be obtained from the sending institution on the “F,” the grade entered will be a 50.

If no numerical average can be obtained from the sending institution on the “P,” the student’s cumulative transfer GPA will be calculated and the corresponding number equivalent will be assigned to replace the “P.” For example, if a student transfers with a cumulative GPA of 3.5 on the CP scale, the grade of “P” would be converted to an 85. A grade of “P”, in other words, will neither positively nor negatively impact the student’s transfer GPA. In the event that the student’s cumulative GPA is an “F” and no numerical designation can be obtained by the sending school for the numeric value of the “P,” the grade entered will be the lowest passing grade (60). If the sending institution’s numeric grade is below 60 but marked as passing, the receiving school should attempt to find out the equivalent letter grade associated with the grade below 60 and apply the rule for that letter grade (For example, if the sending school’s 55 = D, then D = 65 at the receiving school).
COURSE LOAD

All students enrolled as regular students in grades 9 – 12 at Wando High School must be enrolled in a minimum of courses or unit equivalents as follows:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grades 9 and 10</td>
<td>8 units</td>
</tr>
<tr>
<td>Grade 11</td>
<td>6 units</td>
</tr>
<tr>
<td>Grade 12</td>
<td>5 units</td>
</tr>
</tbody>
</table>

All seniors are required to enroll in at least one English course and one mathematics course.
COURSE REQUIREMENTS FOR SOUTH CAROLINA
PUBLIC FOUR-YEAR COLLEGES AND UNIVERSITIES

The Commission on Higher Education (CHE) established the minimum course requirements for students who plan to attend a public college in South Carolina. CHE recommends students include these courses as part of their high school course selection along with other elective classes. Some colleges require courses in addition to those listed below (see college catalogs for admission requirements) for entering college freshmen beginning in the academic year 2019-2020. For more information please visit the CHE website at http://www.che.sc.gov/New_Web/GoingToCollege/CollPrepPrereq.htm.

ENGLISH

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

MATHEMATICS

Four units: These units must include Algebra 1, Algebra 2, and Geometry. A fourth higher level mathematics unit should be taken before or during the senior year.

LABORATORY SCIENCE

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

WORLD LANGUAGE

Two units with a heavy emphasis on language acquisition.
SOCIAL SCIENCE
Three units: One unit of U. S. History, a half unit of Economics, and a half unit of Government are required. World History or Geography is strongly recommended.

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

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

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

Notes:
The South Carolina Commission on Higher Education requirements may be adjusted at a later date to reflect changes in diploma requirements.
Credit Recovery is an option for schools to implement in order to better assist students who are at risk of failing to graduate due to course failure. The purpose of this program is to offer an opportunity for motivated students to recover lost credit by using an alternative instructional model.

Credit recovery is defined as a course-specific, skill-based learning opportunity for students who have previously failed to master content or skills required to receive credit. The term “Credit Recovery” refers to a block of instruction that is less than the entirety of the course. Credit Recovery targets specific components or a subset of the standards to address deficiencies necessary for student proficiency in the overall course.

For transcribing the final grade in a credit recovery course, the following procedures shall be followed:

1. The original failing grade will remain on the transcript as is.
2. A new course starting with the appropriate activity code, grade scale designation, and unit marked will be entered on the student record.
3. If a student passes the credit recovery course with a 60 or higher, the passing grade is entered as a “P” as the final grade and transcribed to the numerical grade value of “0” as indicated by the addition of the “P” to the grade scale chart. Thus, the credit recovery course does not impact the student’s GPA. If a student fails the credit recovery course, the failing grade is entered as an “NP” as the final grade and transcribed to the numerical grade value of “0” as indicated by the addition of “NP” on the grade scale chart.
4. A student wishing to modify his or her GPA shall repeat the full course for credit and not seek a credit recovery solution.

There are specific guidelines for participation in the Credit Recovery courses. The Guidance Office should be contacted for more information.
EARLY COMPLETION

The purpose of having a 4 x 4 schedule is to provide students more opportunities to take a broader array of courses as well as to have room to specialize in a career interest area. Course requirements are outlined for each grade level. Early completion is highly discouraged and will be considered on an individual basis after the principal receives a written request from the parents and student detailing reasons for the request. The request should be given to the student's guidance counselor for processing. Commencement exercises will be held only at the end of the school year. Students are encouraged to take advantage of dual credit and other curriculum opportunities that will better prepare them for further studies and employment.
EXCEPTIONAL EDUCATION

A goal of the Charleston County School District is to provide a free and appropriate public education for all students with disabilities. Students with disabilities who attain the same competencies required of non-disabled students receive a South Carolina State High School Diploma. When a student’s disabling condition prohibits him or her from earning a South Carolina State High School Diploma, the IEP team determines the most appropriate graduation options based upon student needs and impact of the disability.
FOREIGN EXCHANGE PROGRAM

Charleston County School District students who spend a year studying in a foreign country in an approved exchange program are to be afforded an opportunity to earn credits.

1. The student must obtain prior approval in writing from the home school principal before going abroad.
2. A course of study should be planned that would enable a student to earn credits similar to those earned at the home school. Mathematics, science, some history, foreign languages, and computer courses should be closely associated with our own offerings. A student may be required to earn his or her English credit on his or her return to Charleston County School District or to turn in work from a pre-approved independent study program equivalent to one unit of credit. United States History, American Government, and Economics have to be taken here.
3. A certified transcript from the exchange school must be received prior to awarding credit.
4. Attendance periods in foreign countries would have to reasonably approximate our own.
5. All credits attempted must be reflected on the transcript.

Foreign students who visit this country and attend our schools will be given an opportunity to learn about our country and its people. However, Charleston County School District is under no obligation to award a South Carolina High School Diploma to foreign exchange students. Wando High School reserves the right to limit the enrollment of foreign exchange students because of overcrowding or lack of availability of certain courses.
GRADE CLASSIFICATION

Grade Classification is determined at the beginning of the school year only.

**Grade 9**

In order to be classified as a ninth grade student, the individual must have met the requirements of the Grade Eight Promotion Standards.

**Grade 10**

In order to be classified as a tenth grade student, the individual must have completed six units to include:

- One unit in English 1
- One unit in mathematics

**Grade 11**

In order to be classified as an eleventh grade student, the individual must have completed twelve units to include:

- One unit in English 1
- One unit in English 2
- Two units in mathematics
- One unit in science

**Grade 12**

In order to be classified as a twelfth grade student, the individual must have completed eighteen units to include:

- One unit in English 1
- One unit in English 2
- One unit in English 3
- Three units in mathematics
- Two units in science

In addition, the student must be enrolled in all other units, required and elective, needed to complete graduation requirements. If a student has sixteen units and is enrolled in course work which would allow him or her to complete the 24 units needed for a South Carolina High School Diploma within the school year, the student will be designated as a senior. However, designation as a senior is not a guarantee that graduation requirements will be successfully met.
GRADING POLICY

The State Board of Education adopted a uniform grading policy for South Carolina’s public schools in December 1999. That policy, which applied to all students who first enrolled in the ninth grade in the 2000-2001 school year, was revised in 2007, 2016, and again in 2017. The modified uniform grading scale and the system for calculating grade point averages (GPAs) and class rank will be effective for all students being awarded high school credits. Credit bearing courses completed prior to August 15, 2016, will be awarded quality points based on the seven point grading scale associated with the weighting of the course. Coursework completed after August 15, 2016, will be awarded quality points based on the ten point grading scale with the weighting associated with the course. Quality points awarded are limited to the use of the three-decimal-place conversion factors specified in the South Carolina Uniform Grading Policy’s grade point conversion chart. No additional criteria will be used to determine quality points awarded.

As required by state law, the South Carolina Uniform Grading Scale is in effect for all students:

<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>S. C. Uniform Grading Scale</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>59 or below</td>
</tr>
</tbody>
</table>

All grades will be interpreted for all purposes using the South Carolina Uniform Grading Scale. Numerical grades will appear on the report card.

Withdrawing from a Course

With the first day of enrollment in the course as a baseline, students who withdraw from a course within three days in a 45-day course, five days in a 90-day course, or ten days in a 180-day course will do so without penalty. The three-, five-, and ten-day limitations for withdrawing from a course without penalty do not apply to course or course-level changes approved by the administration of a school. Students who withdraw from a course after the specified time of three days in a 45-day course, five days in a 90-day course, or ten days in a 180-day course shall be assigned a WF, and the F (as a 50) will be calculated in the student’s overall grade point average.

Students who drop out of school or are expelled after the allowed period for withdrawal but before the end of the grading period will be assigned grades in accordance with the following policies:

- The student will receive a WP if he or she was passing the course. The grade of WP will carry no earned units of credit and no quality points to be factored into the student’s GPA.
The student will receive a WF if he or she was failing the course. The grade of WF will carry no earned units but will be factored into the student’s GPA as a 50.

If a student fails due to excessive absences, an FA will be recorded on his or her transcript. The grade of FA will carry no earned units but will be factored into the student’s GPA as a 50.

**Retaking a Course**

Students in grades nine through twelve may retake a course at the same level of difficulty if they have earned a D or an F in that course. Retaking the course means that the student completes the entire course again (not a subset of the course such as through credit or content recovery). If the course being retaken has an EOCEP, the EOCEP must be retaken. The student’s transcript will reflect both course instances. Only one course attempt and the highest grade earned for the course will be calculated in the GPA.

A student who has taken a course for a unit of high school credit prior to his or her ninth grade year may retake that course regardless of the grade he or she has earned. A student who retakes a high school credit course from middle school must complete it before the beginning of the second year of high school. A student in grades nine through twelve must retake a course by the end of the next school year or before the next sequential course (whichever comes first).

In such a case, only the highest grade will be used in figuring the student’s GPA. The student may not retake the course if the course being replaced has been used as a prerequisite for enrollment in a subsequent course; i.e., a student may not retake Algebra 1 after having earned credit for a higher level mathematics course (Geometry, Algebra 2).
**GRADUATION REQUIREMENTS**

In order to receive a South Carolina High School Diploma, students must earn 24 units. Based on state law, requirements to receive a South Carolina High School Diploma for students in grades 9 - 12 are as follows:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>English/Language Arts</td>
<td>4.0 units</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4.0 units</td>
</tr>
<tr>
<td>Science</td>
<td>3.0 units</td>
</tr>
<tr>
<td>U. S. History and Constitution</td>
<td>1.0 unit</td>
</tr>
<tr>
<td>Economics</td>
<td>.5 unit</td>
</tr>
<tr>
<td>U. S. Government</td>
<td>.5 unit</td>
</tr>
<tr>
<td>Other Social Studies</td>
<td>1.0 unit</td>
</tr>
<tr>
<td>Physical Education or JROTC</td>
<td>1.0 unit</td>
</tr>
<tr>
<td>Computer Science</td>
<td>1.0 unit</td>
</tr>
<tr>
<td>Foreign Language</td>
<td></td>
</tr>
<tr>
<td><strong>OR</strong></td>
<td>1.0 unit</td>
</tr>
<tr>
<td>Career and Technology Education</td>
<td></td>
</tr>
<tr>
<td>Electives</td>
<td>7.0 units</td>
</tr>
</tbody>
</table>

**Total Required** 24.0 units
GUIDELINES FOR COURSE REGISTRATION

The first priority in course scheduling is to make certain that all students receive the strongest academic preparation possible. Freshmen and sophomores are not eligible for late arrival or early dismissal. Late arrival or early dismissal will be considered only after all other courses are scheduled. All Wando freshmen and sophomores must register for eight units of high school credit. Students must make an alternate course selection for each elective course. Juniors must register for at least six units of credit. Seniors are required to enroll in at least five courses with a minimum of two courses in one term and three in the other term. Students and parents should exercise good judgement in selecting alternatives, for these will replace any selected elective courses without further consultation with students or parents.

All English courses must be taken in sequence with only one required English per year unless a course is being repeated. Placement in the ninth grade mathematics and science classes is determined by the level of mathematics achieved at the end of the eighth grade.

Placement in classes will be determined by grades, test scores, and teacher recommendations. Students should not register for courses for which they are not prepared. It is very important to understand that each course begins at an expected level of student ability and performance.

Students and parents are reminded that once school begins a change in course level may be impossible due to the lack of space in the course(s) to which they wish to move or limitations in rearranging other courses in the student’s schedule. In such cases, the student is required to remain in the course originally chosen.
INCOMPLETES

A teacher may give a grade of “incomplete” during the course of the school year if, in the teacher’s professional judgment, an extension of the time to complete course expectations is appropriate due to extenuating circumstances such as a documented long term illness or a death in the immediate family.

The teacher, student and parent will develop and sign a contract for completion of the course which will not extend beyond the end of the next semester or the conclusion of the school year. The principal must approve the contract and it is at the principal’s discretion to approve any extension of the contract. The student’s incomplete grade will be reported as an “I”. Once the work has been completed, the teacher will authorize the appropriate change in grade.
INTERSCHOLASTIC ACTIVITIES

The South Carolina High School League has implemented academic standards for any student who wishes to participate in interscholastic activities and competition. Students must earn passing grades to qualify to play sports, participate in band, or participate in other competitive activities between high schools.

To participate in interscholastic athletic activities, students in grades 9 – 12 must achieve an overall passing average in addition to the following:

1. To be eligible the first semester a student must pass a minimum of five Carnegie units applicable toward a high school diploma during the previous year. At least two units must have been passed during the second semester or summer school.

2. To be eligible during the second semester the student must meet one of the following conditions:
   - If the student met first semester eligibility requirements then he or she must pass the equivalent of four, half units during the first semester.
   - If the student did not meet first semester eligibility requirements then he or she must pass the equivalent of five, half units during the first semester.

3. Students must satisfy eligibility requirements in the semester preceding participating. Credits earned in summer school approved by the State Department of Education may apply for first semester eligibility. A maximum of two units per year may be used.

4. A maximum of two credit recovery units may be used toward eligibility, to include the two units presently allowed in summer school. The course would have to be accepted by the State Department of Education for graduation and accredited by a certified teacher in that field. To be eligible for recovery credits, the student must have received a minimum grad of 50.
LEVEL CHANGES

Level change requests are considered with a written parent request if class space allows. Students may request a change in instructional level within one week after the first four and a half week interim period of a 90-day course or within one week after the nine weeks report card of a 180-day course.

If a student transfers from one section to another of the same course where different weights are assigned (e.g., from Algebra 2 Honors to Algebra 2), the weight assigned to the grade shall be the weight for which course is completed; partial weights cannot be assigned. Level changes upward must be completed by the end of the first grading period of a course.
THE NCAA AND NCAA ELIGIBILITY CENTER

The National Collegiate Athletic Association (NCAA) serves as the athletics governing body for more than 1,100 colleges and universities. The NCAA created three divisions to create a fair playing field for teams from similar schools. Among the three divisions, Division I schools generally have the largest student bodies, manage the largest athletic budgets and offer the highest number of athletic scholarships. Division II schools provide growth opportunities through academic achievement, learning in high-level athletics competition and with a focus on service to the community. Division III schools offer participation in a competitive athletics environment that pushes athletes to excel on the field and build upon their potential by tackling new challenges on campus.

Initial eligibility standards help ensure students are prepared to succeed in college. Students who want to practice, compete and receive an athletic scholarship during the first year at a Division I or II school, must be certified eligible by the NCAA Eligibility Center.

Division I

To be eligible to practice, compete and receive athletic scholarships in the first year at a Division I school, student-athletes must graduate from high school and meet all of the following requirements:

1. Complete a total of 16 core courses in the following areas:
   - Four years of English
   - Three years of Mathematics (Algebra 1 or higher)
   - Two years of Natural/Physical Science (one year of lab science if offered)
   - One year of additional English, Mathematics or Natural/Physical Science
   - Two years of Social Science
   - Four years of additional courses (from any area above, foreign language or comparative religion/philosophy)

2. Complete 10 out of 16 core courses, including seven in English, math or natural/physical science, before the start of the seventh semester.

3. Complete the 16 NCAA-approved core courses in eight academic semesters or four consecutive academic years from the start of ninth grade. Student-athletes graduating from high school early must still meet core-course requirements.

4. Earn an SAT combined score or ACT sum score that matches core course GPA (minimum 2.300) on the Division I sliding scale.
Division II

To be eligible to practice, compete and receive athletic scholarships in the first year at a Division II school, student-athletes must graduate from high school and meet all of the following requirements:

1. Complete a total of 16 core courses in the following areas:
   - Three years of English
   - Two years of Mathematics (Algebra 1 or higher)
   - Two years of Natural/Physical Science (one year of lab science if offered)
   - Two years of Social Science
   - Three years of additional English, Mathematics, or Natural/Physical Science
   - Four years of additional courses (from any area above, foreign language or comparative religion/philosophy)

2. Earn an SAT combined score or ACT sum score that matches core course GPA (minimum 2.200) on the Division II competition scale.

Division III

Division III schools provide an integrated environment focusing on academic success while offering a competitive athletic environment. Division III rules minimize potential conflicts between athletics and academics and focus on regional in-season and conference play. Division III schools do not offer athletic scholarships. Seventy-five percent of Division III student-athletes receive some form of merit or need-based financial aid.

Questions regarding eligibility should be directed to the Athletic Director or for more information visit ncaa.org or call the NCAA Eligibility Center at 877-262-1492.
THE NAIA AND NAIA ELIGIBILITY CENTER

The National Association of Intercollegiate Athletics (NAIA) is a community of more than 250 colleges and universities, 65,000 student-athletes, and an environment that focuses on athletic participation as one part of the total education process.

The student-athlete is the center of all NAIA experiences. High school athletes have three academic eligibility criteria to focus on. If a student meets two of the criteria, the student is eligible upon graduation:

- Cumulative GPA of 2.0 on a 4.0 scale
- Class rank in the top 50% of the graduating class
- ACT of 16 or SAT combined score of 860 for Critical Reading and Mathematics (any test taken May 1, 2019 or later requires an ACT score of 18 and SAT score of 970)

The NAIA Eligibility Center is responsible for determining the NAIA eligibility of first-time student-athletes. Questions regarding NAIA eligibility should be directed to the Athletic Director. Information pertaining to the NAIA can be found at www.naia.org.
SCHEDULE CHANGES

Students are urged to consider their course selections carefully during registration. Teacher assignments, course offerings, and class sizes are determined from registration information. The master schedule is developed based on what students request in the spring.

Any request for a schedule change for the 2019-2020 school year must be made prior to May 31, 2019. After May 31, students may not request changes except for the following reasons:

- When credit is needed for graduation;
- When credit has been earned in summer school;
- When a student has not passed the prerequisite for the next course;
- When a student has previously failed with a teacher and space is available in another section;
- When the administration determines a level change is necessary based on the recommendation of the teacher and approval of the parent.

Please note the following with regard to schedules:

- Choice of teachers cannot be honored.
- Schedules cannot be changed to accommodate jobs after school.
- Schedules will not be rearranged to accommodate requests for late arrivals or early dismissals.

Change of course selections may adversely affect eligibility for interscholastic competitions including athletics. Student athletes should consult with the Athletic Director prior to making schedule changes.
### S.C. UNIFORM GRADING SCALE CONVERSIONS

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TRANSFER STUDENTS

When a student transfers into Charleston County School District, the guidance staff at the school analyze the transcript. Most courses will be comparable to courses offered in Charleston County. District course numbers may be used when entering the data from the transcript. In all transfers when a student is moving to the next level of instruction (e.g., transferring to French 1 and enrolling in French 2), the school may enroll the student in the higher level course and, if the student is unsuccessful, move the student back to repeat the transferred course as an audit. The grade transferred will remain on the student’s record. Schedule changes require administrative approval and decisions should be made only after consultation with the teacher, student, and parent(s).

High school schedules and course offerings vary from high school to high school both within Charleston County School District and from school district to school district. Parents and students are cautioned that it may not be possible to transfer all credits for courses in progress from one school to another if the student transfers during the middle of a school year. The difficulty in transferring credit increases if the move occurs during the semester. Every effort will be made by the receiving high school to evaluate a student’s transcript and move the student into the schedule with minimal disruption to the student’s plan of study. Courses transferred from another South Carolina public school will be transferred with the grade and weight awarded by the sending school.
TRIDENT TECHNICAL COLLEGE

Students applying for admission to Trident Technical College’s associate degree, diploma, or certification programs, may be required to take a placement test called ACCUPLACER. ACCUPLACER tests a student’s knowledge in mathematics, reading and writing. These tests help identify a student’s strengths and needs in each subject area. The ACCUPLACER Placement Test is not required for students having qualifying SAT or ACT scores. To set up testing, call 843-574-6410.
VIRTUAL SCHOOL

Virtual SC is a free, state-sponsored program. It is an effective online learning opportunity for students. Online courses provide an effective alternative for motivated students to meet graduation requirements, resolve scheduling conflicts, as a homebound option, and to recover credit. They also provide a flexible option for students who require an alternative setting. Enrollment in any virtual course must be approved by the principal or designee prior to enrollment. To begin the application process, students should contact their guidance counselor for an information packet. Additional information, if enrolling in a virtual course via the South Carolina Virtual High School Program can be obtained by visiting https://virtualsc.org. All virtual school courses not taken through an approved program at the home school must be taken through the Virtual SC Program.
OVERVIEW OF COURSE DESCRIPTIONS

The Wando High School Program of Studies is designed to provide all students with a wide variety of challenging courses in all curricular areas. Schools must prepare students to succeed in the global economy of the 21st Century. Students must acquire academic knowledge, technical skills, problem-solving abilities, and teamwork techniques. This Program of Studies provides the opportunity for students to prepare for post-secondary education or to apply their skills in the workplace. Students select among courses appropriate for their career plans. Career guidance and counseling are provided to all students to assist them in selecting courses that will prepare them for future career options. Any course taken for credit outside of the traditional school setting must be approved by the principal prior to enrollment in the course.
ENGLISH

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

Summer Reading assignments and requirements will be posted on the Wando web site at www.wandohigh.com located in the For Parents & Students tab under Summer Assignments. Reading assignments apply to all required English courses.

English 1
Grade 9
302400CW
1 unit

Prerequisite: Eighth Grade Language Arts

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

English 1 Honors
Grade 9
302400HW
1 unit

Prerequisite: Eighth Grade Language Arts or English 1 CP in Eighth Grade for high school credit

Students enrolled in English 1 Honors are expected to meet Grade 9 standards, retain or further develop literacy skills and understandings mastered in preceding grades, and work steadily to apply their learning to increasingly complex text. High school core English courses engage students in the skills, strategies, and processes required to effectively master reading, writing, communication, and inquiry-based literacy standards. Honors level courses are rigorous and require more effort to prepare students for the Advanced Placement pathway.
**English 2**  
Grade 10  

Prerequisite: English 1

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

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**English 2 Honors**  
Grade 10  

Prerequisite: English 1 Honors  
Recommendation: Minimum of 80 average or administrative placement based on scores from a reading and writing analysis placement test

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

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**English 3**  
Grade 11  

Prerequisite: English 2

Students enrolled in English 3 are expected to meet Grade 11 standards, retain or further develop literacy skills and understandings mastered in preceding grades, and work steadily to apply their learning to increasingly complex text. High school core English courses engage students in the skills, strategies, and processes required to effectively master reading, writing, communication, and inquiry-based literacy standards.
English 3 Honors
Grade 11

Prerequisite: English 2
Recommendation: Minimum of 80 average in English 2 Honors or 90 average in English 2

Students enrolled in English 3 Honors are expected to meet Grade 11 standards, retain or further develop literacy skills and understandings mastered in preceding grades, and work steadily to apply their learning to increasingly complex text. High school core English courses engage students in the skills, strategies, and processes required to effectively master reading, writing, communication, and inquiry-based literacy standards. Honors level courses are rigorous and require more effort to prepare students for the Advanced Placement pathway.

English 4
Grade 12

Prerequisite: English 3
Requirement: Completion of the Warrior Project during the course

Students enrolled in English 4 are expected to meet Grade 12 standards, retain or further develop literacy skills and understandings mastered in preceding grades, and work steadily to apply their learning to increasingly complex text. High school core English courses engage students in the skills, strategies, and processes required to effectively master reading, writing, communication, and inquiry-based literacy standards. Students are required to complete the Warrior Project as an integral part of this course which incorporates research, analysis, writing, job shadowing, interviewing, presenting, and developing a final portfolio.

English 4 Honors
Grade 12

Prerequisite: English 3
Recommendation: Minimum of 80 average in English 3 Honors or 90 average in English 3
Requirement: Completion of the Warrior Project during the course

Students enrolled in English 4 Honors are expected to meet Grade 12 standards, retain or further develop literacy skills and understandings mastered in preceding grades, and work steadily to apply their learning to increasingly complex text. High school core English courses engage students in the skills, strategies, and processes required to effectively master reading, writing, communication, and inquiry-based literacy standards. Honors level courses are rigorous and require more effort to prepare students for rigorous college work. Students are required to complete the Warrior Project as an integral part of this course which incorporates research, analysis, writing, job shadowing, interviewing, presenting, and developing a final portfolio.
Advanced Placement English Language and Composition 307100AW
Grade 11 1 unit

Recommendation: English 2 Honors with an 85 average or higher

This course is designed for highly motivated college-bound students who have demonstrated academic achievement, higher order thinking skills, and the ability to work independently. An Advanced Placement course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both writing and reading should make students aware of the interactions among a writer’s purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effectiveness in writing. Each student must take the Advanced Placement Examination for possible college credit.

Advanced Placement English Literature and Composition 307000AW
Grade 12 1 unit

Recommendation: English 3 Honors with an 85 average or higher

This course is designed for highly motivated college-bound students who have demonstrated academic achievement, higher order thinking skills, and the ability to work independently. An Advanced Placement course in English Literature and Composition engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work’s structure, style and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism and tone. Each student must take the Advanced Placement Examination for possible college credit.

Creative Writing 1 303200CW
Grades 10, 11, and 12 1 unit

Prerequisite: English 1

This course is designed for students of average and above average verbal ability who are highly motivated to improve writing skills. Course requirements include journal writing, recollections, poetry, drama, and fiction. Students will be required to be self-directed on independent projects and be able to work in small groups for revising and editing. As part of the requirements for this course, creative writing students contribute to the literary magazine to share with the school and community. This course is for elective credit only.
**Journalism 1**  
Grades 9, 10, 11, and 12  
305000CW  
1 unit

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

**Newspaper Production**  
Grades 11 and 12  
376800CW  
1 unit

Prerequisite: Newspaper sponsor approval  
Recommendation: Journalism 1

This course is designed for students actively involved in the production of the school newspaper, *Tribal Tribune*. Students should be of average or above average verbal ability. This course is for elective credit only.

**Newspaper Production 2**  
Grades 11 and 12  
376802CW  
1 unit

Prerequisite: Newspaper Production 1 and Newspaper sponsor approval  
Recommendation: Journalism 1

This course is an advanced course in newspaper production. This course is for elective credit only.

**Speech**  
Grades 9, 10, 11, and 12  
304000CW  
1 unit

This Public Speaking college preparatory course is for any grade and any level of student. It is a fun, interactive, and beneficial course that provides instruction in the preparation and delivery of formal and informal speeches. Through independent and group work, students will gain confidence as they learn the vital importance of public speaking – to help them not only in high school but in college and future occupations. Not simply limited to speeches, the course also offers cross-curricular activities with classes such as Culinary Arts, Drama and Media Technology. After the last speech, students demonstrate their public speaking skills in debates where they research, plan, and argue controversial issues. This course is for elective credit only.
Yearbook Production  
Grades 10, 11, and 12  

Prerequisite: Yearbook sponsor approval  
Recommendation: Minimum grade of 80 or higher in English; successful completion of Journalism 1 and recommendation of Journalism instructor

This course offers hands-on experiences in areas ranging from design and copywriting to desktop publishing. Yearbook production requires cooperation, responsibility, teamwork, dedication, attention to deadlines and details in a business-like setting. This course is for students with the ability to work independently and those who possess problem-solving skills. This course is for elective credit only.
MATHEMATICS

A quality mathematics program is essential to help students develop ways of thinking, solving problems, communicating mathematically, and making decisions that enable them to become informed citizens and consumers, competent employees and employers, and productive members of society.

Because Foundations in Algebra is the first course in a two-course sequence, students who successfully complete Foundations in Algebra must subsequently enroll in Intermediate Algebra. Upon completion of the Foundations in Algebra/Intermediate Algebra two-course sequence, students must take the state-mandated Algebra 1 End-of-Course Examination administered at the completion of the second course, Intermediate Algebra.

The following pathways are reflective of typical students. Based on grades and teacher recommendations, students may move between tiers.

Recommended for most college bound seniors:

Recommended for Honors and AP levels:
Foundations in Algebra  
Grade 9  

Requirement: Subsequent enrollment in Intermediate Algebra: Foundations and Modeling

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

Intermediate Algebra: Functions and Modeling  
Grades 9 and 10  

Prerequisite: Foundations in Algebra

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

Algebra 1  
Grades 9 and 10  

Prerequisite: Teacher recommendation

Algebra 1 Mastery is the first level of college preparatory mathematics. Emphasis is place on solving linear equations and inequalities, basic operations and factoring of polynomials, and applying these concepts to solve real world problems. In this course, students are expected to master each unit with a minimum grade of “C”. Students will have two weeks to study and retake units which were not mastered on the first attempt. In order to qualify for a retake, the student must complete additional assignments on the required unit. Students who fail to master all required units will retake the course or enroll in Foundations in Algebra or Intermediate Algebra: Functions and Modeling. Parental support is an integral part of this course. A state-mandated End-of-Course Examination must be given to every student enrolled in this course. The score will count 20% of the final grade.
Algebra 1 Compressed
Grade 9

**Prerequisite:** Successful completion of Algebra 1 in eighth grade with teacher recommendation

Enrollment in this course is limited to ninth grade students who successfully completed Algebra 1 in the eighth grade but wish to retake it to improve their understanding and performance. According to the South Carolina Uniform Grading Policy the final grade for the ninth grade Algebra 1 attempt will replace the eighth grade Algebra 1 final grade. This course is designed to provide students with a strong background in algebraic concepts and processes. Topics include the concept of a variable, algebraic expressions and equations; representations of situation and number patterns with tables, graphs, verbal rules, and equations; investigation inequalities and nonlinear equations; use of matrices to solve linear systems; and applications of methods to solve a variety of real-world and mathematical problems. A state-mandated End-of-Course Examination must be given to every student enrolled in this course. The score will count 20% of the final grade.

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Algebra 2
Grades 10 and 11

**Prerequisite:** Geometry, Algebra 1 or Intermediate Algebra
**Recommendation:** Minimum of 77 average in Algebra 1 and Geometry or 93 average in Intermediate Algebra

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

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Algebra 2 Honors
Grades 10 and 11

**Prerequisite:** Geometry
**Recommendation:** Minimum of 85 average in Geometry Honors or minimum of 93 average in Algebra 1

This course is designed to provide students with a strong background in algebraic concepts and processes. Topics include understanding algebraic and geometric representations of functions, quadratic, square root, and absolute value functions, rational and exponential functions, and geometric structure and patterns. This course provides a depth of rigor, complexity, challenges and creativity beyond the standard level course as outlined in the Profile of the South Carolina Graduate. This course is more challenging than standard level courses in order to foster growth for advanced learners.
Geometry
Grades 9, 10, and 11
Prerequisite: Algebra 1 or Foundations in Algebra/Intermediate Algebra
Recommendation: Minimum of 77 average in Algebra 1 Mastery or minimum of 93 average in Intermediate Algebra

This course is designed to provide students with the study of visual patterns. Topics will include geometric structure, geometric patterns, geometry of location, geometry of size, and geometry of shape.

Geometry Honors
Grades 9, 10, and 11
Prerequisite: Algebra 1
Recommendation: Minimum of 93 average in Algebra 1

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

Algebra 3
Grades 10, 11, and 12
Prerequisite: Algebra 2
Recommendation: Minimum of 77 average in Algebra 2

Algebra 3 is a program of mathematical studies focusing on the development of the student’s ability to understand and apply the study of functions and advanced mathematical concepts to solve problems. The course will include a study of polynomial, rational, exponential, logarithmic, and trigonometric functions. Graphing calculators are an integral part of all instruction. This course is intended as a bridge between Algebra 2 and Pre-Calculus.
Pre-Calculus  
Grades 11 and 12  
413100CW  
1 unit

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

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

Pre-Calculus Honors  
Grades 11 and 12  
413100HW  
1 unit

Prerequisite: Algebra 3 or Algebra 2 Honors with teacher recommendation  
Recommendation: Minimum of 85 average in Algebra 2 Honors or minimum average of 93 in Algebra 3

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

Calculus Honors  
Grades 11 and 12  
413500HW  
1 unit

Prerequisite: Pre-Calculus with teacher recommendation  
Recommendation: Minimum of 77 average in Pre-Calculus Honors or minimum of 85 average in Pre-Calculus

This course is designed for advanced math students who want a foundation in Calculus before taking it at the college level. This course involves the study of functions, rates of change, and accumulation. The topics covered are limits, continuity, derivatives, applications of derivatives (motion, related rates, graph analysis, and optimization), integrals, and applications of integrals (accumulation and area).
Advanced Placement Calculus AB  
Grades 11 and 12  
417000AW  
1 unit

Prerequisite: Pre-Calculus Honors or Pre-Calculus with teacher recommendation  
Recommendation: Minimum of 85 average in Pre-Calculus Honors, a score of 55/550 on the math portion of the PSAT/SAT

This course is designed for the mathematically gifted student who expects to enroll in calculus at the college level. The course will include a brief review of elementary functions, but most of the year will be devoted to the topics in differential and integral calculus that are representative of a first semester course in college calculus. Each student must take the Advanced Placement examination for possible college credit.

Advanced Placement Calculus BC/  
Calculus BC Prep Lab  
Grade 12  
417200AW/  
319952HW  
2 unit

Prerequisite: Pre-Calculus Honors or Calculus Honors  
Required: Concurrent enrollment in both courses is mandatory.  
Recommendation: Minimum of 85 average in Pre-Calculus Honors or minimum of 93 average in Calculus Honors

Advanced Placement Calculus BC and Calculus BC Prep Lab are designed to represent the equivalent of both first and second semester college Calculus. Together, these courses cover each topic from Calculus AB plus advanced integration techniques, Euler’s method, the logistic differential equation, the calculus of parametric and polar relations, and the calculus of sequences and series. Students will receive a total of two credits, one credit weighted at the AP level and once credit weighted at the honors level. Each student must take the Advanced Placement examination for possible college credit.

Advanced Placement Calculus BC  
Grade 12  
417200AW  
1 unit

Prerequisite: Advanced Placement Calculus AB  
Recommendation: Minimum of 80 average in Advanced Placement Calculus AB

This course is designed to represent the equivalent of a second semester college Calculus course. Topics include advanced integration techniques, Euler’s method, the logistic differential equation, the calculus of parametric and polar relations, and the calculus of sequences and series. Each student must take the Advanced Placement examination for possible college credit.
Probability and Statistics           414100CW
Grades 11 and 12           1 unit

Prerequisite:  Geometry

This course is designed to provide students with the study of collecting and representing data, regression analysis, and probability and probability distributions. Projects will be required in this course.

Probability and Statistics Honors           414100HW
Grades 11 and 12           1 unit

Prerequisite:  Algebra 2 Honors or Algebra 3
Recommendation:  Minimum of 80 average in Algebra 2 Honors or minimum of 88 average in Algebra 3

This course is designed to provide students with the study of collecting and representing data, regression analysis, and probability and probability distributions. Projects will be required in this course. This course provides a depth of rigor, complexity, challenges and creativity beyond the standard level course as outlined in the Profile of the South Carolina Graduate. This course is more challenging than standard level courses in order to foster growth for advanced learners.

Advanced Placement Statistics           417100AW
Grades 10, 11, and 12           1 unit

Prerequisite:  Completion of Honors Algebra 2 or CP Algebra 3.
Recommendation:  Minimum of 80 average in Honors Algebra 2 or CP Algebra 3

This course is designed for the mathematically gifted student who possesses sufficient mathematical maturity, quantitative reasoning ability, and who expects to enroll in Statistics at the college level. The course will introduce students to the major concepts and tools for collecting, analyzing and drawing conclusion from data. The four broad topics include exploring data, planning a study, anticipating patterns, and statistical inference. Each student must take the Advanced Placement examination for possible college credit.
SCIENCE

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

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

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

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

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

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

The following pathways are reflective of typical students.
Recommended for college readiness and a competitive college application: four lab science courses in three different areas. Consider taking AP courses and more than four science courses.

Recommended for accelerated students: biology, chemistry physics and Advanced Placement courses. Accelerated students are those that meet all three requirements of: a Reading MAP score of 245 or higher or a PSAT score of 1000 or higher and an Eighth Grade Science grade of 90 or higher.

Students may skip an introductory physics course (Physics H or AP Physics 1) and take AP Physics C if they meet certain criteria. Students may also choose to take an Honors Science course that interests them.
**Biology 1**  
*Grades 9 and 10*  
322100CW  
1 unit

**Prerequisite:** Ninth Grade – Algebra 1 or equivalent

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

**Biology 1 Honors**  
*Grades 9 and 10*  
322100HW  
1 unit

**Prerequisite:** Ninth Grade – Algebra 1  
**Recommendation:** Completion of an honors Eighth Grade Science course with a minimum grade of 90 and a Reading MAP score > 245, a PSAT score > 1000  
Tenth Grade – Earth Science Honors

This introductory laboratory-based course is designed to give students a sound background in the major biological concepts. Biology 1 is designed to be both academically rigorous and realistic for students pursuing entry into a four-year college. Topics in Biology 1 Honors include the cell; molecular basis of heredity; biological evolution; interdependence of organisms; matter, energy and organization in living systems; and taxonomy. Laboratory activities provide numerous opportunities for students to develop science process skills, critical thinking, and an appreciation for the nature of science through investigative, hands-on lab activities. Biology 1 Honors requires more effort and in-depth learning and prepares the student for Advanced Placement Biology. A state-mandated End-of-Course Examination must be given to every student enrolled in this course. The score will count 20% of the final grade.
Biology 2
Grades 10, 11, and 12

Prerequisite: Biology 1
Recommendation: Chemistry 1 or concurrent enrollment in Chemistry 1

This course is a sequel to Biology 1 for students who seek further study in Biology. It is not designed to replace the college entry requirement of chemistry. It includes a review of cell structure and function, biochemistry, and genetics. It will include an in-depth study of the evolution of plants and animals, biotechnology and the influence of biology on society. Laboratory study is an integral part of this class.

Advancement Placement Biology/
AP Biology Prep Lab
Grades 11 and 12

Prerequisite: Biology 1 Honors and Chemistry 1 Honors or Biology 1 and Chemistry 1 with teacher recommendation
Requirement: Students must enroll in Advanced Placement Biology and AP Biology Prep Lab

This is a college level course of biological principles for highly motivated students who plan to major in biology or medical sciences in college. Advanced Placement Biology includes an in-depth study of the cell, biochemical patterns of life, biochemistry, genetics, anatomy and physiology, botany, growth and development, ecology, and evolution. This class meets one block all year for lecture, laboratory, and enrichment programs. Each student must take the Advanced Placement examination for possible college credit. Students will receive a total of two credits, one credit weighted at AP and one credit weighted at honors.
Chemistry 1             323100CW
Grades 10, 11, and 12         1 unit

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

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

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

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

Chemistry 1 provides an introduction to major chemistry principles and builds on concepts introduced in earth science. This is a mathematics-based course in which a working knowledge of algebra is critical for success. Through well-designed laboratory experiences, students will master concepts, use problem-solving skills, and apply them to real-world situations. Topics included in the course are: chemical safety, atomic theory, the periodic system, chemical reactions and stoichiometry, gas laws, solutions and solubility, and acid base chemistry. Investigative, hands-on lab activities that address the South Carolina Inquiry Standards are an integral part of this course. Chemistry 1 Honors prepares a student for Advanced Placement Chemistry through an in-depth study of the sequential development of major principles with emphasis on a quantitative approach to problem solving, research and extensive laboratory experiences.
**Chemistry 2**
Grades 11 and 12

**Prerequisite:** Chemistry 1 and Algebra 2  
**Recommendation:** Grade of 85 or higher in Algebra 2

This course is a sequel to Chemistry 1 with an emphasis on real-world applications of chemistry. Topics included in the course are: a review of nomenclature and reactions, organic chemistry, biochemistry, food and nutrition, drugs, and poisons. Lab experiments are utilized to enhance each topic. Projects are required that allow students to go further in-depth for each topic. Lab reports are required.

**Chemistry 2 Honors**
Grades 11 and 12

**Prerequisite:** Chemistry 1 Honors and Algebra 2  
**Recommendation:** Grade of 85 or better in mathematics courses and Chemistry 1

This course is a sequel to Chemistry 1 with an emphasis on real-world applications of chemistry. Topics included in the course are: a review of nomenclature and reactions, organic chemistry, biochemistry, food and nutrition, drugs, and poisons. With the accelerated pace of an honors class, students will have opportunities to enrich their knowledge and understanding by exploring content standards at a deeper level. Lab experiments are utilized to enhance each topic. Projects are required that allow students to go further in-depth for each topic. Lab reports are required.

**Advanced Placement Chemistry/AP Chemistry Prep Lab**
Grades 11 and 12

**Prerequisite:** Chemistry 1 Honors or Chemistry 1 with teacher recommendation; Algebra 2 or concurrent enrollment in Algebra 2  
**Requirement:** Students must enroll in both Advanced Placement Chemistry and AP Chemistry Prep Lab

This course provides students with a college-level foundation to support future advanced courses in Chemistry and would be appropriate for students who plan to pursue a career in science, engineering, or the medical field. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, gas laws, kinetics, equilibrium, acids and bases, buffers, intermolecular forces, bonding, and electrochemistry. Each student must take the Advanced Placement examination for possible college credit. Students will receive a total of two credits, one credit weighted at AP and one credit weighted at honors.
Physics  
Grades 10, 11, and 12  

Prerequisite: Chemistry and Algebra 2

This course presents a conceptual approach to physics and stresses understanding the application of physical phenomena such as mechanics, momentum, energy, heat, motion, optics, electricity, magnetism, waves, sound, and light. Problem solving is encouraged by the use of relevant physics materials and inquiry-based laboratory materials.

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Physics Honors  
Grades 10, 11, and 12  

Prerequisite: Chemistry Honors and Algebra 2  
Recommendation: Grade of 85 or higher in both Geometry and Chemistry

This course presents a conceptual approach to physics and stresses understanding the application of physical phenomena such as mechanics, momentum, energy, heat, motion, optics, electricity, magnetism, waves, sound, and light. Problem solving is encouraged by the use of relevant physics materials and inquiry-based laboratory materials. This honors level course emphasizes a mathematical approach with extensive laboratory experiences, research and projects.

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Advanced Placement Physics 1  
Grades 10, 11, and 12  

Prerequisite: Chemistry Honors and Algebra 2 or concurrent enrollment  
Recommendation: Grade of 85 or higher in both Geometry and Chemistry Honors

AP Physics 1 is an algebra-based, introductory college-level physics course. This course is appropriate for students wanting to major in the sciences, engineering, or the biomedical field. The course’s focus on analytical reasoning is intentionally aligned with skills required for success on the Medical College Admission Test (MCAT) exam. It provides an excellent foundation for the calculus-based physics course required for engineering programs. Students cultivate their understanding of physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Each student must take the Advanced Placement examination for possible college credit.
Advanced Placement Physics C: Mechanics
Grade 12

Prerequisite: Physics Honors or AP Physics 1 and Calculus
Requirement: Enrollment in Advanced Placement Physics C: Electricity and Magnetism is required for Spring Term

This is a second-year physics course and assumes prior knowledge of physics, though students may take this course as a first year course with instructor approval. AP Physics C: Mechanics is equivalent to a one-semester, calculus-based college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as kinematics; Newton’s laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and, oscillations and gravitation. Introductory differential and integral calculus is used throughout the course. Each student must take the Advanced Placement examination for possible college credit.

Advanced Placement Physics C: Electricity and Magnetism
Grades 10, 11, and 12

Prerequisite: Advanced Placement Physics C: Mechanics

AP Physics C: Electricity and Magnetism is a one semester, calculus-based, college level physics course, and should be taken after AP Physics C: Mechanics. The course explores topics such as electrostatics: conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and, electromagnetism. Introductory differential and integral calculus is used throughout the course. Each student must take the Advanced Placement examination for possible college credit. This course will be offered spring semester only.

Anatomy and Physiology
Grades 11 and 12

Prerequisite: Biology 1 and Chemistry 1
Recommendation: Grade of 85 or higher in Biology 1

This course introduces students to human anatomy and physiology with applications to the health sciences. Students learn about the relationships between structure and function as well as the biochemical and cellular aspects of human physiology. Instructive strategies include inquiry-based laboratory experiences, independent study and research on topics of student interest, speakers, and field experiences in medical settings and institutions of higher education.
Anatomy and Physiology Honors
Grades 11 and 12

Prerequisite: Biology 1 Honors and Chemistry 1 Honors
Recommendation: Grade of 85 or higher in Biology 1 Honors

This course introduces students to human anatomy and physiology with applications to the health sciences. Students learn about the relationships between structure and function as well as the biochemical and cellular aspects of human physiology. Instructive strategies include inquiry-based laboratory experiences, independent study and research on topics of student interest, speakers, and field experiences in medical settings and institutions of higher education. Additionally, students will create and maintain a body systems portfolio throughout the course. With the accelerated pace of an honors class, students will have opportunities to enrich their knowledge and understanding by exploring content standards at a deeper level. Assessments, projects, and lab reports will reflect this extended knowledge.

Astronomy
Grades 10, 11, and 12

Prerequisite: Successful completion of one science course

This course develops an appreciation for the observable universe through scientific investigations. Concepts are developed with reference to everyday experiences. The history of astronomy shows how the ideas of astronomers are interdependent and interactive with other investigators. The course is designed to lead students from an examination of familiar celestial objects in the solar system to a consideration of more distant objects: stars, nebulae, and galaxies. A view of the universe as a whole with some consideration of its past and future is developed. Current information from space exploration is integrated into the course. Related social-political issues are also discussed.
Astronomy Honors  
Grades 10, 11, and 12  

Prerequisite: Successful completion of one science course  
Recommendation: Grade of 85 or better in mathematics and science courses

This course develops an appreciation for the observable universe through scientific investigations. Concepts are developed with reference to everyday experiences. The history of astronomy shows how the ideas of astronomers are interdependent and interactive with other investigators. The course is designed to lead students from an examination of familiar celestial objects in the solar system to a consideration of more distant objects: stars, nebulae, and galaxies. A view of the universe as a whole with some consideration of its past and future is developed. Current information from space exploration is integrated into the course. Related social-political issues are also discussed. This course provides a depth of rigor, complexity, challenges, and creativity beyond the standard level course and includes relevant mathematical computations. This course is more challenging than the CP level course in order to foster growth for advanced learners.

Earth Science  
Grades 9, 10, 11, and 12  

Prerequisite: Eighth Grade Science

Earth Science is an applied, lab credit science course that emphasizes the relevance of local South Carolina events and topics, and how they relate to students. The goal of this course is to provide students with the scientific principles to understand the interrelationships of Earth’s natural processes, to analyze and interpret data and evidence, and to create models that explain natural phenomena. Students will explore disciplines of chemistry, physics, geology, oceanography, meteorology, astronomy, biology, and sustainability as they develop cross-cutting science skills that will carry over to all other science courses. As climate change, coastal processes, and resource conservation become increasingly more prevalent in global discussions, it will be important for students to understand the concepts and causes of our changing Earth.
Earth Science Honors
Grades 9, 10, 11, and 12

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

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

Environmental Science
Grades 10, 11, and 12

Prerequisite: Biology 1

The goal of this course is to provide students with the scientific principles to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, and to examine alternative solutions for resolving and/or preventing them. Environmental science is interdisciplinary and embraces a wide variety of topics from different areas of study. Topics to be explored include environmental economics and policy, human population growth, earth’s systems and resources, energy, ecology, and environmental health. Students will conduct field studies, research, labs, and projects.
Environmental Science Honors  
Grades 10, 11, and 12  
326100HW  
1 unit  

Prerequisite: Biology 1 Honors  
Recommendation: Chemistry 1 Honors or concurrent enrollment  

The goal of this course is to provide students with the scientific principles to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, and to examine alternative solutions for resolving and/or preventing them. Environmental science is interdisciplinary and embraces a wide variety of topics from different areas of study. Topics to be explored include environmental economics and policy, human population growth, earth’s systems and resources, energy, ecology, and environmental health. Students will conduct field studies, research, labs, and projects. With the accelerated pace of an honors class, students will have opportunities to enrich their knowledge and understanding by exploring content standards at a deeper level. Assessments, projects, and lab reports will reflect this extended knowledge.

Advanced Placement Environmental Science  
Grades 11 and 12  
327700AW  
1 unit  

Prerequisite: Algebra 2 Honors and Chemistry 1 Honors  

Advanced Placement Environmental Science is a college level course that provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems, both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary and embraces a wide variety of topics from different areas of study. Each student must take the Advanced Placement examination for possible college credit.

Marine Science  
Grades 11 and 12  
322500CW  
1 unit  

Prerequisite: Biology 1  
Recommendation: Chemistry 1 or concurrent enrollment  

This course is designed to meet the needs of the student who wishes to obtain an in-depth awareness of coastal and marine systems. The course will include a study of the biological, physical, chemical, and geological aspects of oceanography, marine biology and coastal environment, and the interrelationships among the disciplines. Instructional strategies include inquiry-based laboratory and field experiences, speakers, and projects.
**Marine Science Honors**
Grades 10, 11 and 12

**322500HW**
1 unit

**Prerequisite:** Biology 1 Honors or teacher recommendation
**Recommendation:** 85 in Biology 1 Honors or 90 in Biology 1; Chemistry 1 Honors completed or concurrent enrollment

This course is designed to meet the needs of the student who wishes to obtain an in-depth awareness of coastal and marine systems. The course will include a study of the biological, physical, chemical, and geological aspects of oceanography, marine biology and coastal environment, and the interrelationships among the disciplines. Instructional strategies include inquiry-based laboratory and field experiences, speakers, and projects. With the accelerated pace of an honors class, students will have opportunities to enrich their knowledge and understanding by exploring content standards at a deeper level. Assessments, projects, and lab reports will reflect this extended knowledge.

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**Wildlife Biology and Management**
Grades 10, 11, and 12

**424100CW**
1 unit

**Prerequisite:** Biology 1

This course is designed to give students an overview of the science of Wildlife Biology. The course covers a variety of topics including forest management practices, fire ecology, natural history of vertebrate groups, endangered and keystone species, habitat management, genetics, environmental philosophies, natural history and identification of local flora and fauna. Students will also become aware of the numerous career opportunities in the field of natural resource management. This course strongly emphasizes stewardship of natural resources as well as environmental awareness through inquiry-based laboratory activities, field experiences, guest speakers, and projects.
SOCIAL STUDIES

All social studies courses are aligned with the South Carolina Social Studies Academic Standards. To receive a South Carolina High School Diploma students must earn three units in social studies. United States History (1 unit), United States Government (½ unit), and Economics (½ unit) are required courses. The third unit must be a course designated as a social studies elective. These courses are designed to provide students with an understanding of the culture and history of the United States and the world around them while developing as informed, responsible citizens in a democratic society.

World Geography
Grade 9 331000CW
1 unit

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

World Geography Honors
Grade 9 331000HW
1 unit

This course is designed to provide the student with an understanding of the major world regions and their relationship with the modern world. The course covers a regional focus with emphasis on physical geography, historical events, human geography and human-environment interaction. Each unit will involve exploring the political, cultural, and physical make-up of each of the world’s major regions including North America, Latin America, South Asia, East Asia, Europe, the Middle East, North Africa, Sub-Saharan Africa, and Australia. Students will use information to discern position, opinion and bias, recognize cause and effect, make generalizations and inferences, evaluate relevance, identify differences and similarities, evaluate decisions and course of action, think critically, and recognize problems and solutions. The ultimate goal is to stimulate interest in world events while fostering an attitude of tolerance. With the accelerated pace of an honors class, students will have opportunities to enrich their knowledge and understanding by exploring content standards at a deeper level.
Advanced Placement Human Geography                  337900AW
Grades 9, 10, 11, and 12                       1 unit

Recommendation: Ninth Grade - Completion of an honors Eighth Grade Social Studies course with a minimum grade of 93 and a Reading MAP score $\geq$ 245, a PSAT score $> 1000$, or administrative approval
Tenth Grade - Twelfth Grades – Completion of a previous high school Honors Social Studies course with a minimum grade of 85

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

Civics                        333500CW
Grades 10                         1 unit

This course is designed to give an introduction to the fundamental nature, structure, and role of government at the local, state, and national levels. This course covers the foundations of American citizenship, the U. S. Constitution, the rights and responsibilities of citizenship, legal rights and responsibilities. Students will be able to understand the interrelationship of history, geography, government, and economics.

World History                      336000CW
Grade 10                         1 unit

This course is designed to give students a basic understanding of world geography and world history and covers the time period from the Renaissance to the present. The students will study the political, economic, cultural, and social events that shaped the world in their geographic context. Students will create individual and group projects throughout the course and develop their writing skills.
World History Honors
Grade 10

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

Advanced Placement European History
Grades 10, 11, and 12

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

This college level course is offered to academically capable students who have exceptional interest in European History. The course begins with the Renaissance and continues to the present. Students enrolled must be able to analyze primary sources including letters, documents, maps, graphs, and photographs. They are expected to write clearly and precisely. Independent research and outside reading are course requirements. Each student must take the Advanced Placement examination for possible college credit.

Advanced Placement World History
Grades 10, 11, and 12

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

This college level course is a survey of world history from the beginning of time to present day. Students enrolled in this course will examine key events in world history from a variety of perspectives. AP World History focuses on all regions of the world, including Asia, Africa and Latin America. Students will analyze primary sources, read maps, graphs, statistical tables, and secondary documents. Each student must take the Advanced Placement examination for possible college credit.
U. S. History and Constitution
Grade 11

This course is designed to teach students the basic historical facts, concepts, and essential understandings needed to comprehend the history of our country. The course includes events and topics from colonization to the end of the nineteenth century and emphasizes the political, economic, social, and cultural history of the twentieth and twenty-first centuries. Particular focus is given to the interrelationship of history, geography, government, and economics. Students will develop individual and group projects throughout the course and develop their writing skills. A state-mandated End-of-Course Examination must be given to every student enrolled in this course. The score will count 20% of the final grade.

U. S. History and Constitution Honors
Grade 11

This course is designed to teach students the basic historical facts, concepts, and essential understandings needed to comprehend the history of our country. The course includes events and topics from colonization to the end of the nineteenth century and emphasizes the political, economic, social, and cultural history of the twentieth and twenty-first centuries. Particular focus is given to the interrelationship of history, geography, government, and economics. With the accelerated pace of an honors class, students will have opportunities to enrich their knowledge and understanding by exploring content standards at a deeper level. Students will develop individual and group projects throughout the course and develop their writing skills. A state-mandated End-of-Course Examination must be given to every student enrolled in this course. The score will count 20% of the final grade.

Advanced Placement United States History
Grades 11 and 12

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

This college level course is a survey of the history of the United States from the Pre-Columbian period to the present. Students enrolled must be able to analyze primary sources including documentary materials, maps, statistical tables, graphs, and photographs, take notes from both printed materials and class discussions, write clearly, and express themselves precisely. Independent research and outside reading are course requirements. Each student must take the Advanced Placement examination for possible college credit. A state-mandated End-of-Course Examination must be given to every student enrolled in this course.
United States Government
Grade 12
This course is designed to give students an in-depth understanding of government, its origins and functions, civic life, and politics. The course includes the foundations of American democracy and the American political system. Students will understand the role of the United States Constitution in American democracy, the relationship of the United States to other nations and to world affairs, and the role of the citizen in American democracy.

Advanced Placement United States Government and Politics
Grade 12
Recommendation: Completion of a previous high school Honors Social Studies course with a minimum grade of 85
This college level course is a survey of United States Government and Politics, and the processes of government that help shape our public policies. Students will learn about the methods of studying political behavior and political institutions. Independent research and outside reading are course requirements. Each student must take the Advanced Placement examination for possible college credit.

Economics
Grade 12
This course is designed to acquaint students with those principles and concepts essential to an understanding of the American economic system. The course includes an emphasis on economic policies and decision-making, the free enterprise system, market structure, macroeconomics, microeconomics, money and banking, non-banking financial institutions, business organizations, the role of government in market operations, principles of trade and economic development, and consumer skills. Students will develop individual and group projects throughout the course.
Advanced Placement Macroeconomics
Grade 12

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

This college level course gives students a thorough understanding of both Microeconomics and Macroeconomics principles. During the first semester, students will gain an understanding of principles that apply to individual consumers within the larger economic system. The primary emphasis of study will be focused on product markets, factor markets, and the government’s role in promoting greater competition, efficiency and equity in the economy. The second portion of the course will deal with Macroeconomics principles. Students will learn how a nation’s economic performance is measured. Primary emphasis will be in the areas of national income and price determination. Issues of international trade and future economic growth will also be studied. Each student must take both the Advanced Placement Microeconomics and Macroeconomics examinations for possible college credit.

Students may take either AP Microeconomics or AP Macroeconomics but not both.

Advanced Placement Microeconomics
Grade 12

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

This course gives students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and the role of government in promoting greater efficiency and equity in the economy. Students should demonstrate the ability to analyze economic situations set forth and evaluate microeconomic principles. Independent research and outside reading are course requirements. Each student must take the Advanced Placement examination for possible college credit.

Students may take either AP Microeconomics or AP Macroeconomics but not both.
Advanced Placement Comparative Government  
Grade 12  
337800AW  
1 unit  

Requirement: Concurrently enrolled in AP United States Government and Politics

This college level course is a survey course introducing students to the concepts used by political scientists to study the processes and outcomes in six different countries. The course focuses on the diversity of political life to show available institutional alternatives, to explain differences in processes and policy outcomes. Students will research various governments following the scope and sequence from the College Board, but current international events may require additional research and study. Each student must take the Advanced Placement examination for possible college credit.

Psychology  
Grades 11 and 12  
334000CW  
1 unit

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

Advanced Placement Psychology  
Grades 11 and 12  
437100AW  
1 unit

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

This course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They will learn about the ethics and methods psychologists use in their science and practice. Each student must take the Advanced Placement examination for possible college credit.
**Current Events/Foreign Policy**  
Grades 10, 11, and 12  

333700HW  
1 unit

**Recommendation: Completion of any two high school Social Studies courses**

This course is designed to take an unbiased look at some of the most significant conflicts, hotspots, and danger zones impacting our world today. It is intended to familiarize students with the basic historical background of these conflicts, the opposing views within each conflict, and the impact on the USA. The course will use a student-centered curriculum that emphasizes collaboration, critical thinking, global perspectives, creativity, self-direction, and interpersonal skills in order to master the content. Students will be required to complete multiple independent research assignments that will measure their complete understanding of current situations in our ever-changing world. More importantly, students will have to defend their position on certain topics using credible sources and data gathered during their research. For defending their positions, students will construct essays, create presentations, participate in debates, and sit in on mock organizational hearings. Much of the content will be driven by what is happening globally. Students should have an interest in global affairs and knowledge of U. S. History.

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**Sociology**  
Grades 11 and 12  

334500CW  
1 unit

This course is designed to introduce students to the major concepts and principles of sociology. The course includes an emphasis on sociological inquiry, socialization, social organization, deviance and social control, collective behavior, social stratification, the family, education, and social change. Students will study gender roles, adolescence, personal relationships, social movements, and culture. They will also analyze sociological data, study trends, test hypotheses, develop research projects, and apply sociological concepts to their own lives.
WORLD LANGUAGES

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

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

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

- Novice
- Intermediate
- Advanced

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French and Spanish are offered from levels one through Advanced Placement. German is offered from levels one through four. Latin is offered from levels one through Advanced Placement and emphasizes reading and writing. The modern language curricula are designed to develop students’ abilities to communicate in the target language orally and in writing. Interpretive, interpersonal and presentational language tasks are required at all levels for students to practice and demonstrate emerging language proficiency. All language course goals are aligned to the indicators of the South Carolina Academic Standards for Modern and Classical Languages.

It is strongly recommended that students have at least a 77 average in their last English class before beginning the study of a world language. To improve the chances of success in language classes, students are advised to retake or audit a class if they score below a 77.
French 1  
Grades 9, 10, 11, and 12  
361100CW  
1 unit  

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

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

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French 2  
Grades 9, 10, 11, and 12  
361200CW  
1 unit  

**Prerequisite:** French 1

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

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French 3  
Grades 10, 11, and 12  
361300CW  
1 unit  

**Prerequisite:** French 2

French 3 is designed for students who do not plan to continue their French studies at the high school level. This first part of the Intermediate Level of French focuses on practice and expansion of established speaking and listening skills, as well as emergent reading and writing ability, narrating in the present, past, and future. Students compare the cultures and customs of French-speaking countries around the world and make connections to other subject areas.
French 3 Honors  
**Grades 10, 11, and 12**  
**361300HW**  
1 unit

**Prerequisite:** French 2  
**Recommendation:** Minimum of 85 average in French 2

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

French 4 Honors  
**Grades 10, 11, and 12**  
**361400HW**  
1 unit

**Prerequisite:** French 3 Honors or teacher recommendation  
**Recommendation:** Minimum of 85 average in French 3 Honors

French 4 Honors is the second part of the Intermediate Level of French studies and is designed for highly motivated language students who have been successful in French levels 1 - 3H. They are expected to be more proficient in novice-level communication skills. This class focuses on the development of more advanced conversation and reading and writing abilities. Students apply major grammatical structures in a variety of oral and written contexts. Lessons develop students’ critical thinking skills as they interpret more difficult authentic reading and audio selections. Students discuss more advanced aspects of Francophone cultures, contemporary life, and history.
Advanced Placement French Language and Culture 367100AW
Grades 11 and 12  1 unit

Prerequisite: French 4 Honors or teacher recommendation
In the case of native or heritage speakers, there may be a difference course of study leading to this class.
Recommendation: Minimum of 85 average in French 4 Honors and teacher recommendation

The Advanced Placement French Language and Culture course places great emphasis on the mastery of linguistic competencies at a very high level of proficiency. Students refine their knowledge of contemporary Francophone societies and cultures by examining their products, practices and perspectives through a thematic study. Students are exposed to authentic sources such as newspaper and magazine articles, website, films, music, video clips, blogs, podcasts, stories, and literary excerpts in French to develop language skills and communicative proficiency in real-life settings. Communication skills are honed through regular class discussions, one-on-one conversations, email responses, essay and journal writing, as well as oral presentations. Each student must take the Advanced Placement examination for possible college credit.

German 1 362100CW
Grades 9, 10, 11, and 12  1 unit

Recommendation: Minimum of 77 average in last English class

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

German 2 362200CW
Grades 10, 11, and 12  1 unit

Prerequisite: German 1

This course is the second part of the Novice Level of German studies. Students continue to develop basic German language skills through activities focusing on personal communication and German culture. Students expand the number of contexts in which they can function orally and in writing. Through listening and reading they learn more about daily life and culture in German-speaking Europe today.
German 3 Honors
Grades 10, 11, and 12

Prerequisite: German 2
Recommendation: Minimum of 85 average in German 2

This first part of the Intermediate Level of German focuses on grammar review, practice and expansion of established speaking and listening skills, and emergent reading and writing ability. The pace is faster than in German 2. Grammar topics are reviewed and expanded; longer creative writing assignments provide opportunity to apply language mechanics and vocabulary in meaningful context. Reading strategies for longer authentic selections are practiced. Students expand the range of contexts in which they can function orally and the complexity of their responses. Cultural investigation focuses on contemporary and historical German-speaking Europe.

German 4 Honors
Grades 11 and 12

Prerequisite: German 3 Honors and teacher recommendation
Recommendation: Minimum of 85 average in German 3 Honors

This course is the second part of the Intermediate Level of honors language study, and is conducted predominantly in German. Students apply major grammatical structures in an increasing variety of oral and written contexts; vocabulary and complexity of conversation increases in breadth and depth. Students develop critical thinking skills as they interpret more difficult authentic reading and audio/video selections. Students are exposed to more complex aspects of German cultural history and contemporary life.

Latin 1
Grades 9, 10, 11, and 12

Recommendation: Minimum of 77 average in last English class

This course is designed to give the student a basic foundation in Latin. A major focus of the course will be the integration of culture, grammar and derivative study while addressing the higher-level thinking skills of analysis, synthesis, and evaluation.
Latin 2
Grades 9, 10, 11, and 12

Prerequisite: Latin 1

This course is a continuation of Latin 1. A major focus will be the integration of culture, grammar, and derivative study while addressing the higher-level thinking skills of analysis, synthesis, and evaluation.

Latin 3 Honors
Grades 9, 10, 11, and 12

Prerequisite: Latin 2
Recommendation: Minimum of an 85 average in Latin 2

This course completes the introduction to basic Latin grammar, syntax, and vocabulary followed by an introduction to the reading of Latin literature. Students will study the classical authors Julius Caesar and Ovid.

Advanced Placement Latin
Grades 10, 11, and 12

Prerequisite: Latin 3 Honors and teacher recommendation
Recommendation: Minimum of an 85 average in Latin 3 Honors

The Advanced Placement Latin course is offered in the fourth semester of Latin at Wando. The course focuses on the in-depth study of selections from two of the greatest works in Latin literature: Vergil’s *Aeneid* and Caesar’s *Gallic War*. The course requires students to prepare and translate the readings and place these texts in a meaningful context, which helps develop critical, historical, and literary sensitivities. Throughout the course, students consider themes in the context of ancient literature and bring these works to life through classroom discussions, debates, and presentations. Additional English readings from both of these works help place the Latin readings in a significant context. This class meets spring semester only. Each student must take the Advanced Placement examination for possible college credit.
Spanish 1
Grades 9, 10, 11, and 12

Recommendation: Minimum of 77 average in last English class

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

Spanish 2
Grades 9, 10, 11, and 12

Prerequisite: Spanish 1

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

Spanish 3
Grades 10, 11, and 12

Prerequisite: Spanish 2

This first part of the Intermediate Level of Spanish focuses on practice and expansion of established speaking and listening skills, as well as emergent reading and writing ability, narrating in the present, past, and future. Students compare the cultures and customs of Hispanic countries around the world and make connections to other subject areas.
Spanish 3 Honors
Grades 10, 11, and 12

Prerequisite: Spanish 2
Recommendation: Minimum of 85 average in Spanish 2

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

Spanish 4 Honors
Grades 11 and 12

Prerequisite: Spanish 3 Honors or teacher recommendation
Recommendation: Minimum of 85 average in Spanish 3 Honors

Spanish 4 Honors is the second part of the Intermediate Level of Spanish studies and is designed for highly motivated language students who have been successful in Spanish 1 - 3H. They are expected to be proficient in novice-level communication skills. This class focuses on the development of more advanced conversation, reading and writing abilities. Students apply major grammatical structures in a variety of oral and written contexts. Lessons develop students’ critical thinking skills as they interpret more difficult authentic reading and audio selections. Students discuss more advanced aspects of Hispanic cultures, contemporary life, and history.
Advanced Placement Spanish Language and Culture 367500AW
Grades 11 and 12 1 unit

Prerequisite: Spanish 4 Honors or teacher recommendation
In the case of native or heritage speakers, there may be a different course of study leading to this course.
Recommendation: Minimum of 85 average in Spanish 4 Honors and teacher recommendation

The Advanced Placement Spanish Language and Culture course places great emphasis on the mastery of linguistic competencies at a very high level of proficiency. Students refine their knowledge of contemporary Hispanic societies and cultures by examining their products, practices, and perspectives through a thematic study. Students are exposed to authentic sources such as newspaper and magazine articles, websites, films, music, video clips, blogs, podcasts, stories, and literary excerpts in Spanish to develop language skills and communicative proficiency in real-life settings. Communication skills are honed through regular class discussions, one-on-one conversations, email responses, essay and journal writing, as well as oral presentations. Each student must take the Advanced Placement examination for possible college credit.
PHYSICAL EDUCATION

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

Physical Education 1 344100CW
Grades 9, 10, 11, and 12 1 unit

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

Physical Education 1 – Sports Training 344120CW
Grades 9, 10, 11, and 12 1 unit

This Physical Education course is a performance-based class that is mandatory for graduation in the State of South Carolina. This co-educational course is designed with a variety of activities to provide students with choice curriculum along with the skills to live a healthy lifestyle. This course is designed to focus on and help the student achieve and maintain a health enhancing lifestyle. Students will participate in three basic fitness categories: cardio-respiratory fitness, muscular strength and endurance and flexibility on a daily basis.
Physical Education 2 - Physical Conditioning  
Grades 10, 11, and 12  
Prerequisite: Physical Education 1  
Recommendation: Minimum of 80 average in Physical Education 1

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

Physical Education 3 - Weights and Strength Training  
Grades 10, 11, and 12  
Prerequisite: Physical Education 1; recommendation of Strength Coach or Athletic Director

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

Physical Education 4 - Weights and Strength Training  
Grades 10, 11, and 12  
Prerequisite: Physical Education 1; recommendation of Strength Coach or Athletic Director

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

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

**Family and Community Health**
340100CW
**Grades 10, 11, and 12**
1 unit

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

**Personal Health and Wellness**
340200CH
**Grade 9**
½ unit

**Requirement:** Students enrolled in this course must be concurrently enrolled in Freshman Focus for a ½ unit

The goal of Health Education is to help establish patterns of behavior that will assist a person in achieving complete health. Complete health is accomplished by having a balance of physical, mental, social, and emotional well-being. Knowledge components are addressed through seven different content sections in accordance with South Carolina’s Academic Standards for Health and Safety Science. Upon completion, students should be able to demonstrate an understanding of the factors necessary to maintain health and wellness.
The Wando High School Air Force JROTC Program continues to be recognized as being in the top ten percent of JROTC units in the United States. It is one of the few in South Carolina to have a certified ground school where cadets have the opportunity to fly at the East Cooper airport. The JROTC instructors have over 80 years of military experience and have received the distinguished “Outstanding Air Force JROTC Instructor of the Year” awards.

To enroll in an Air Force JROTC course, students must be enrolled in high school and be citizens of the United States. The student must be physically fit and exercise personal grooming standards consistent with JROTC regulations. Before and after school activities, teams and community serve are available, but not mandatory, to students who want to be involved. Community service is required of cadets who desire to advance in rank, participate in Cadet Officer Leadership School and have increased leadership responsibilities in the Corps.

The Air Force uniform must worn on Tuesday of each week and/or any other day/event designated by the Aerospace Science Instructors. A small uniform fee to help defray the cost of alterations will be assessed at the beginning of the school year. Uniform issue is free of charge but each cadet is responsible for the maintenance of his or her uniform.

No military obligation is required.

Aerospace Science 1
This course is divided into two terms.

AFROTC 1A  375100CW
Grades 9, 10, and 11  1 unit

The first term concentrates on leadership education. The student will learn military customs and courtesies, heritage, organization, and traditions of the Air Force; individual self-control to include personal behavior and responsibility, citizenship training, study of the flag of the United States; and wellness, health and fitness to include physical education training. The student will learn self-discipline and how to work as an effective member of a group. State required physical education credit is given.
AFROTC 1B
Grades 9, 10, and 11

The second term is designed to acquaint the student with the historical development of flight and the role of the military in history. Most of the classroom hours are spent reviewing the development of flight from ancient legends through the 9-11-01 attacks on America and beyond. Additionally, the role of the military throughout the history of the United States is identified. Military history, customs and courtesies, health, wellness, making safe, drug-free decisions, sexual education and citizenship training are also covered. State required social studies elective credit is given. This course also meets the requirements of the Comprehensive Health Education Act. This course satisfies the state required physical education credit, if needed.

Aerospace Science 2
This course is divided into two terms.

AFROTC 2A
Grades 10, 11, and 12

Prerequisite: Any Aerospace Science 1 course or the approval of the Senior Aerospace Science Instructor

The first term second year course is designed to acquaint the student with the aerospace environment, the principles of flight and navigation, and the human limitations of flight. The course begins with a discussion of the atmosphere and weather. Subsequently, the effects of these on the human body are discussed. Discussions then focus on the forces of lift, thrust and drag, and the basics of in-flight navigation. Leadership curriculum is also taught and stresses communication skills. Written reports and speeches complement the academic materials. This course satisfies the state required physical education credit, if needed.

AFROTC 2B
Grades 10, 11, and 12

Prerequisite: Any Aerospace Science 1 course or the approval of the Senior Aerospace Science Instructor

This second term course includes Cultural Studies which is an introduction to Global Awareness. The goal of this course is to raise cadet knowledge of various world cultures, their relationship with the United States, improving their understanding of the world and its intricate economic, social, political and military relationships. Leadership curriculum covers working with groups and teams, solving conflicts, and leadership traits and principles. This course satisfies the state required physical education credit, if needed.
Aerospace Science 3
This course is divided into two terms.

Aerospace Science 3A 375300CW
Grades 10, 11, and 12
1 unit

Prerequisite: Any Aerospace Science 1 or 2 course or the approval of the Senior Aerospace Science Instructor

This third year course begins with an overview of survival and disaster preparedness. Survival instruction will provide training in skills, knowledge, and attitudes necessary to successfully perform fundamental tasks needed for survival. An appreciation of these skills will help the student to develop confidence and reduce mental and physical stress. An optional one-day “hands-on” camping trip is offered. The leadership curriculum focuses on Life after High School, such as applying to college, preparing a resume, financial responsibility and applying for a job. This course satisfies the state required physical education credit, if needed.

Aerospace Science 3B 375301CW
Grades 10, 11, and 12
1 unit

Prerequisite: Any Aerospace Science 1 or 2 course or the approval of the Senior Aerospace Science Instructor

The second term deals with space exploration, emphasizing the history of the United States Space Program. A unit in astronomy will also be taught focusing on the Solar System, the origin of the universe and the structure, motion composition and characteristics of the various planets and heavenly bodies. Leadership hours with the Life Skills textbook will be helpful to students deciding which path to take after high school. Topics covered include: how to apply to college or vocational school; how to begin a job search; financial planning; citizen responsibilities (registering to vote, jury duty, draft registration, etc.); understanding contracts, leases, wills, warranties, etc. This course satisfies the state required physical education credit, if needed.
**Aerospace Science Ground School**

**ROTC Ground School**

**Grades 11 and 12**

**375500CW**

**2 units**

**Prerequisite:** Any Aerospace Science 1 or 2 course or the approval of the Senior Aerospace Science Instructor

**Requirement:** This course meets one block yearlong

This class is for a limited number of highly qualified cadets. This ground school course provides an advanced study of the previous aerospace topics. It serves as a foundation for students interested in qualifying for a private pilot license. At the completion of the course students should be able to take and pass the FAA written examination. The student is responsible for any examination costs. The leadership curriculum is the same as the Aerospace Science 3A and 3B courses. This course satisfies the state required physical education credit, if needed.

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**Aerospace Science 4**

**Grade 12**

**375400CD**

**2 units**

**Prerequisite:** Any Aerospace Science 2 and attend Cadet Officer Leadership School

**Requirement:** This course is offered only to senior cadets and meets one block yearlong

The cadets lead the entire Corps during the fourth year. This hands-on experience affords cadets the opportunity to put theories of previous leadership courses into practice. Planning, organizing, coordinating, directing, and decision-making will be done by the cadets. They will practice their communication, decision-making, personal interaction, managerial, and organizational skills. The leadership curriculum focuses on cadet management of the Corps, to include holding positions of greater responsibility and the planning and execution of Corps projects. This course satisfies the state required physical education credit, if needed.

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**Cadet Leadership Course (CLC) – Basic Cadets**

**Grades 10 and 11**

**TBD**

**½ unit**

**Prerequisite:** Any Aerospace Science 1 or 2 course or the approval of the Senior Aerospace Science Instructor

This one week live-in school, conducted during the month of June at The Citadel, prepares JROTC cadets for leadership roles as officers in the cadet corps. The curriculum consists of at least 35 hours of academics and 24 hours of leadership training and involves physical training, uniform inspection, room inspection, academics, flight drill, parade, retreat, and athletics.
Cadet Leadership Course (CLC) – Cadre
Grades 11 and 12

Prerequisite: Graduate of Basic CLC and approval of the Senior Aerospace Science Instructor

This one week live-in school, conducted during the month of June at The Citadel, puts JROTC cadets in leadership roles as officers at the CLC camp. The curriculum consists of at least 35 hours of academics and 24 hours of leadership training and involves physical training. Cadre cadets will perform and mentor younger cadets in uniform inspections, room inspections, academics, flight drill, parade, retreat, and athletics.
VISUAL AND PERFORMING ARTS

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

ART

Art 1  350100CW
Grades 9, 10, 11, and 12  1 unit

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

Art 2  350200CW
Grades 10, 11, and 12  1 unit

Prerequisite: Art 1

Art 2 is a two-dimensional design course that provides an introduction to the principles and techniques in drawing. Students will gain a working knowledge of line, shape, perspective, volume, and composition as it relates to life drawing. Various traditional media techniques will be explored throughout the semester, with special emphasis on graphite, charcoal, pen and ink, pastels, and colored pencil. The main focus of the course is on building observational and technical skills in drawing.
Art 3 Honors
Grades 10, 11, and 12

Prerequisite: Art 2

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

Art 4 Honors
Grades 10, 11, and 12

Prerequisite: Art 3 Honors

Art 4 is a two-dimensional honors design course that is intended for advanced visual arts students who are interested in pursuing art as a potential career or who are highly motivated to use art as a form of creative expression. This course builds on prior knowledge from all previous art courses and is required for entry into Advanced Placement Studio 2-D or Advanced Placement Studio Drawing. In a studio environment that provides a greater range of artistic freedom, students are challenged to produce quality works that are creative, sophisticated, and well-crafted through a range of artistic themes, materials, and processes. Work from this course will be used for a portion of the Advanced Placement portfolio.

3-D Design 1
Grades 10, 11, and 12

Prerequisite: Art 1

Three-Dimensional Design 1 is a foundations sculpture course. In this course, students will work with additive and subtractive processes to manipulate and build sculptural forms. Students will explore techniques and how materials such as paper, wood, wire, and clay, can be transformed to create art in-the-round.
3-D Design 2 Honors
Grades 10, 11, and 12

Prerequisite: 3-D Design 1

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

3-D Design 3 Honors
Grades 10, 11, and 12

Prerequisite: 3-D Design 2 Honors

Three-Dimensional Design 3 is an honors sculpture course that is designed for advanced visual arts students who are interested in pursuing art as a potential career or who are highly motivated to use art as a form of creative expression. This course builds on prior knowledge from all previous art courses and is required for entry into AP Studio 3-D. In a studio environment that provides a greater range of artistic freedom, students are challenged to produce quality works that are creative, sophisticated, and well-crafted through a range of artistic themes, materials, and processes. Work from this course will be used a portion of the Advanced Placement portfolio.

Advanced Placement Studio Art:
Drawing
Design 2-D
Grades 11 and 12

Prerequisite: Art 4

These courses are designed for the artistically advanced student wishing to receive college credit and who are interested in pursuing art as a potential career or who are highly motivated to use art as a form of creative expression. The course content is specified by the Advanced Placement Course Description published by the College Board. Each student must submit a digital portfolio to the College Board for possible college credit. Both courses may be taught simultaneously based on enrollment.
Advanced Placement Studio Art:  
Design 3-D  
Grades 11 and 12  

Prerequisite: Art 3-D Design 3 Honors

This course is designed for the artistically advanced student wishing to receive college credit and who is interested in pursuing art as a potential career or who is highly motivated to use art as a form of creative expression. The course content is specified by the Advanced Placement Course Description published by the College Board. Each student must submit a digital portfolio to the College Board for possible college credit.

Advanced Placement Art History  
Grades 11 and 12  

Recommendation: Completion of Art 1 and/or honors level Social Studies course

Advanced Placement Art History is designed for highly motivated college-bound students who have demonstrated academic achievement, higher order thinking skills, and the ability to work independently. This course is the equivalent of a two-semester college course, and encourages critical thinking and an understanding and knowledge of diverse historical and cultural contexts of architecture, sculpture, painting and other media. Students examine and critically analyze major forms of artistic expression from the past and the present from a variety of cultures (prehistory to contemporary). Each student must take the Advanced Placement examination for possible college credit.

Media Arts 1  
Grades 9, 10, 11, and 12  

Media Arts 1 is a foundations course for students wishing to pursue a career path in film, web, or graphic design. This course will acquaint students with the aesthetic and technical concepts involved in the creation of video and audio media. Students will analyze, interpret, and create media products containing images, sound, music, and language in a variety of formats including print, web sites, and moving images.
Art: Photography 1
Grades 10, 11, and 12
456600CW
1 unit

Prerequisite: Art 1, Media Arts 1, or teacher recommendation
Requirements: A 35mm traditional film SLR camera which has manually operated focus and exposure, a SLR Digital Camera and a $75 fee for all materials: film, photographic paper, developing chemicals, etc. Financial assistance may be available to students who can demonstrate need.

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

Art: Photography 2
Grades 10, 11, and 12
456700CW
1 unit

Prerequisite: Photography 1
Requirements: A 35mm traditional film SLR camera which has manually operated focus and exposure, a SLR Digital Camera and a $75 fee for all materials: film, photographic paper, developing chemicals, etc. Financial assistance may be available to students who can demonstrate need.

Photography 2 is an honors photography course and a continuation of Photography 1. It is designed for advanced visual arts students who are interested in pursuing photography as a potential career or who are highly motivated to use photography as a form of creative expression. This course builds on prior black-and-white and digital photographic skills. Students will also be introduced to new photographic techniques and challenged to examine the world around them in a sophisticated and intellectual manner. Students may use their own cameras or may be issued a school camera for use in the course. Students are responsible for replacement costs of school cameras if lost or damaged.
**BAND**

**Band 1 Honors**
Grade 9
353100HW 1 unit

**Prerequisite:** Audition

**Requirements:**
- Enrollment in Band Rehearsal and participation in Marching Band and competitive events
- Enrollment in Health/Arts for ½ unit credit

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

**Band 2 Honors**
Grade 10
353200HW 1 unit

**Prerequisite:** Audition

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

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

**Band 3 Honors**
Grade 11
353300HW 1 unit

**Prerequisite:** Audition

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

This course is a performance-oriented program, which includes marching band, concert band, symphonic band and various ensembles. Students perform advanced, complex musical selections and perform in competitive events. Practices after school are required.
Band 4 Honors
Grade 12
Prerequisite: Audition
Requirements: Enrollment in Band Rehearsal and participation in Marching Band and competitive events

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

Jazz Band 1 Honors
Grade 9
Prerequisite: Audition
Requirements: Participation in Marching Band and competitive events

Jazz Band provides an opportunity for students to take an active role in learning the basic concepts of the jazz style of music. Students will learn such basic concepts as Rock, Blues, Swing, and Latin. Students will work through jazz method books, study music theory, prepare full ensemble concerts, and learn basic techniques for improvisation. Students will also perform in several concerts. Students perform advanced, complex musical selections and perform in competitive events. Practices after school are required.

Jazz Band 2 Honors
Grade 10
Prerequisite: Audition
Requirements: Participation in Marching Band and competitive events

Jazz Band provides an opportunity for students to take an active role in learning the basic concepts of the jazz style of music. Students will learn such basic concepts as Rock, Blues, Swing, and Latin. Students will work through jazz method books, study music theory, prepare full ensemble concerts, and learn basic techniques for improvisation. Students will also perform in several concerts. Students perform advanced, complex musical selections and perform in competitive events. Practices after school are required.
Jazz Band 3 Honors  
Grade 11  
453300HW  
1 unit

Prerequisite: Audition  
Requirements: Participation in Marching Band and competitive events

Jazz Band provides an opportunity for students to take an active role in learning the basic concepts of the jazz style of music. Students will learn such basic concepts as Rock, Blues, Swing, and Latin. Students will work through jazz method books, study music theory, prepare full ensemble concerts, and learn basic techniques for improvisation. Students will also perform in several concerts. Students perform advanced, complex musical selections and perform in competitive events. Practices after school are required.

Jazz Band 4 Honors  
Grade 12  
453400HW  
1 unit

Prerequisite: Audition  
Requirements: Participation in Marching Band and competitive events

Jazz Band provides an opportunity for students to take an active role in learning the basic concepts of the jazz style of music. Students will learn such basic concepts as Rock, Blues, Swing, and Latin. Students will work through jazz method books, study music theory, prepare full ensemble concerts, and learn basic techniques for improvisation. Students will also perform in several concerts. Students perform advanced, complex musical selections and perform in competitive events. Practices after school are required.

Percussion 3  
Grade 11  
458303HW  
1 unit

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

This course is for percussion students who have passed a rigorous audition and have demonstrated advanced technical skills. Advanced musicianship, technique, and performance-related music theory skills will be emphasized. Students perform advanced, complex musical selections and perform in competitive events. Practices after school are required.
CHORUS

Chorus 1 Honors
Grade 9

Prerequisite: Audition
Requirements: Enrollment in Chorus Rehearsal and participation in competitive events
Enrollment in Health/Arts for $\frac{1}{2}$ unit credit

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

Chorus 2 Honors
Grade 10

Prerequisite: Audition
Requirement: Enrollment in Chorus Rehearsal and participation in competitive events

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

Chorus 3 Honors
Grade 11

Prerequisite: Audition
Requirement: Enrollment in Chorus Rehearsal and participation in competitive events

Students will learn standard chorus repertoire. Emphasis is placed on large ensemble singing skills, music reading skills, and an understanding of a wide variety of music. Students perform advanced, complex musical selections and perform in competitive events. Practices after school are required.
**Chorus 4 Honors**

**Grade 12**

**354400HW**  
**1 unit**

**Prerequisite:** Audition  
**Requirement:** Enrollment in Chorus Rehearsal and participation in competitive events

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

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**DANCE**

**Dance 1**

**Grades 9, 10, 11 and 12**

**450100CW**  
**1 unit**

**Requirements:** Participation in all performances and recitals

This class focuses on technique and students will study ballet, modern, jazz, and history. Students will be required to dress out and participate every day. A dance recital at the end of the semester is required. Dance students are graded on performance, class participation, tests, and projects.

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**Dance 2**

**Grades 9, 10, 11 and 12**

**450200CW**  
**1 unit**

**Prerequisite:** Audition  
**Requirements:** Participation in all performances and recitals  
Students are responsible for appropriate costumes and dance shoes for performances and recitals.

Students in Dance 2 will study ballet, modern, jazz, and history. Students will also study improvisation and choreography. Students will be required to dress out and participate every day. The focus of this class is for students to learn how to create and perform their own dance compositions. Dance students are graded on performance, class participation, choreography projects, and tests. A dance recital at the end of the semester is required.
Dance 3 Honors                                          450300HW
Grades 10, 11, and 12          1 unit

Prerequisite: Audition
Requirements: Participation in all performances and recitals
Students are responsible for appropriate costumes and dance shoes for performances and recitals.

This honors course concentrates on the intermediate dance techniques necessary to perform modern and contemporary dance styles. Students will study dance vocabulary and terminology, body positions, movement directions, and levels and energy. A dance recital at the end of the semester is required.

Dance 4 Honors                                          450400HW
Grades 10, 11, and 12          1 unit

Prerequisite: Audition
Requirements: Participation in all performances, recitals, shows, and conventions
Students are responsible for appropriate costumes and dance shoes for performances and recitals.

This honors course focuses on advanced dance techniques necessary to perform modern and contemporary dance styles. Students will continue to study dance vocabulary and terminology, body positions, movement directions, and levels and energy. Students enrolled in this course will participate in all dance shows and conventions. Costs associated with trips will be the responsibility of the student. Fundraising opportunities will be provided.

ORCHESTRA

Strings 1 Honors                                          355100HW
Grade 9          1 unit

Prerequisite: Audition
Requirements: Enrollment in Strings Rehearsal and participation in all concerts and public performances
Enrollment in Health/Arts for ½ unit credit

This course is a performance-oriented program where high level musicianship, technique, and performance-related music theory skills will be emphasized. Students perform advanced, complex musical selections and perform in competitive events. Practices after school are required.
Strings 2 Honors
Grade 10

Prerequisite: Audition
Requirements: Enrollment in Strings Rehearsal and participation in all concerts and public performances

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

Strings 3 Honors
Grade 11

Prerequisite: Audition
Requirements: Enrollment in Strings Rehearsal and participation in all concerts and public performances

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

Strings 4 Honors
Grade 12

Prerequisite: Audition
Requirements: Enrollment in Strings Rehearsal and participation in all concerts and public performances

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

Technical Theatre Arts 452500CW
Grades 10, 11, and 12 1 unit

Prerequisite: Application

Students in Technical Theatre will gain an understanding of the creation of a theatrical production from the technician’s perspective. The course will focus on designing theatrical elements, such as scenery, costumes, lighting, and sound, and the use of equipment and technology used to produce performances. Students will study technical script analysis, design theory, scenery, lighting, sound, costumes, and various other technical elements. Students will do a wide variety of projects and activities both as class assessments and for use in productions in the Black Box Theater and the Performing Arts Center. Students in Technical Theatre must also work together as a crew to create and run production elements for Wando Theatre throughout the year.

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

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

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

Prerequisite: Application and Audition

This course is for intermediate level students who have experience in school, community, or church performances and have mastered basic performance skills. Students explore a variety of dramatic literature and acting techniques, as well as scene writing, theatre production and careers in theatre. Students showcase their skills in a public final production.
**Theatre 2**  
Grades 10, 11, and 12  
452200CW  
1 unit

**Prerequisite:** Theatre 1 or Application and Audition

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

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**Theatre 2 Honors**  
Grades 10, 11, and 12  
452200HW  
1 unit

**Prerequisite:** Theatre 1 or Theatre 2 and Audition

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

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**Theatre 3 Honors**  
Grades 11 and 12  
452300HW  
1 unit

**Prerequisite:** Theatre 1 or Theatre 2 and Audition  
**Requirement:** Participation in plays, competitions and afterschool rehearsals

This honors level course is for the advanced student who has passed a rigorous audition. Advanced acting, theatre history, and production will be emphasized. As members of the Honors Theatre Ensemble, students will be expected to participate as performers and crew members in co-curricular theatre activities such as plays and competitions. Students have mandatory weekly rehearsals afterschool. Costs associated with trips and competitions will be the responsibility of the student but fundraising opportunities will be provided.
Theatre 4 Honors
Grade 12

Prerequisite: Theatre 3 Honors and Interview

This course builds on Theatre 3 Honors for the advanced student who has passed a rigorous interview. Students will complete a thesis project in a discipline of their choosing, such as directing, designing, or playwriting. As members of the Honors Theatre Ensemble, students will be expected to take leadership roles in co-curricular theatre activities and attend mandatory weekly rehearsals afterschool. Costs associated with trips and competitions will be the responsibility of the student but fundraising opportunities will be provided.
OTHER FINE ARTS

Guitar 1
Grades 11 and 12

Requirement: Students must purchase or rent their own acoustic guitar

Guitar is a performing arts class where the emphasis is on learning how to play the guitar. Students will study the many styles and techniques that are found in guitar playing. They will learn how to read music notation, guitar tablature, play chords, accompany other musicians, as well as improvise. Students will apply music theory and learn the history of the guitar, its significance in the music world, and how the instrument is featured in many of the cultures of the world. Students will study song writing and recording components and perform in small ensembles. Guitars must be taken home and brought back to school each day. At home practice is required for the course.

Music Appreciation
Grades 10, 11, and 12

Prerequisite: Recommendation of music instructor and participation in band, orchestra, chorus, or have extensive piano experience

This course introduces the basic compositional concepts of tonal music. Topics include scales and key signatures, rhythm, intervals, chords, transposition, part writing, figured bass, harmonization and analysis of music from the common practice period. Students develop rhythmic and aural skills through sight-singing, ear-training, and listening activities. Students must have formal music training through enrollment in chorus, band, strings or private lessons and must be able to read music and match pitch with the voice.
Advanced Placement Music Theory
Grades 11 and 12

357600AW
1 unit

Prerequisite: Music Appreciation and receive a recommendation from the Music Theory instructor or take a diagnostic exam administered by the Music Theory instructor
Recommendation: Band, chorus, orchestra, or extensive piano experience

This course is designed for musically advanced students who wish to develop knowledge of the principles of musical construction and notation. The course is designed to provide students with knowledge of fundamentals such as music notation, rhythm, scales, intervals and choral constructions with keyboard experience as it relates to the study of these fundamentals. Ear training to include melodic and rhythmic dictation will be developed. Students will create simple compositions to be performed in class. Each student must take the Advanced Placement examination for possible college credit.
OTHER ELECTIVES

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

Prerequisite: Geometry Honors

AP Computer Science Principles introduces students to the central ideas of computer science instilling the ideas and practices of computational thinking and inviting students to understand how computing changes the world. This rigorous course promotes deep learning of computational content, develops computational thinking skills, and engages students in the creative aspects of the field.

Students are encouraged to apply creative processes when developing computational artifacts and to think creatively while using simulations to explore questions that interest them. Rather than teaching a particular programming language or tool, the course focuses on using technology and programming as a means to solve computational problems and create exciting and personally relevant artifacts. Students design and implement innovative solutions using an iterative process similar to what artists, writers, computer scientists, and engineers use to bring ideas to life. Each student must take the Advanced Placement examination for possible college credit.

Advanced Placement Seminar 373000AW
Grades 10, 11, and 12 1 unit

Recommendation: At least one other Advanced Placement course concurrently or completed

This course is the first course required to earn the AP Capstone Diploma™. 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 to craft and communicate evidence-based arguments.
Advanced Placement Research
Grades 11 and 12

Prerequisite: Advanced Placement Seminar

AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000-5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense.
CAREER AND TECHNOLOGY EDUCATION

Career and Technology Education includes courses and career majors which serve the total school population through relevant curricula oriented toward providing career directions, a sound foundation for advanced study in a variety of career paths, and the development of employability skills. Curriculum offerings provide course paths in all 16 of the federal occupational clusters. Students who complete requirements in a specific CTE pathway are considered majors or “completers” in that pathway.

Students are encouraged to select a career path and choose courses which prepare them for future education and career success. Computer skills are essential in every area and are required for graduation.

Project Lead The Way pathways in Engineering and Biomedical Science “engage students in hands-on activities, projects and problems; empower them to solve real-world challenges; and inspire them to reimagine how they see themselves.”

Engineering Program

Courses
Aerospace Engineering
Civil Engineering and Architecture
Computer Integrated Manufacturing
Digital Electronics
Environmental Sustainability
Introduction to Engineering Design
Principles of Engineering

Capstone Course
Engineering Design and Development

Biomedical Science Program

Foundation Course
Principles of Biomedical Science

Capstone Course
Biomedical Innovation
Civil Engineering and Architecture is the study of the design and construction of residential and commercial building projects. The major focus of the course is to expose students to the design and construction of residential and commercial building projects which will include architectural drawings, site planning, landscape design, structural design, and foundation systems. Utilizing activity-project-problem-based (APPB) teaching and learning, students will analyze, design, and build both physical and digital (computer-aided design-CAD) models of residential and commercial facilities. While implementing these designs students will continually hone their interpersonal skills, creative abilities and understanding of the design process. This course applies and concurrently develops secondary level knowledge and skills in mathematics, science, art, and technology.

Digital Publication Design
Grades 9, 10, 11, and 12
This course brings together graphics and text to create professional level documents and publications. Students create, format, illustrate, design, edit/revise, and print publications. Improved productivity of digitally produced newsletters, flyers, brochures, reports, advertising materials, catalogs, and other publications is emphasized.

Entrepreneurship
Grades 11 and 12
Entrepreneurship is designed to give students a general overview of the American enterprise system with special emphasis being placed on small business ownership. An important part of the course will be the development of business and managerial leadership skills as they relate to the functions of owning and managing a small business and the creation of a business plan.
**Fundamentals of Web Page Design and Development**

Grades 10, 11, and 12

Prerequisite: Integrated Business Applications 1 or Fundamentals of Computing

Fundamentals of Web Page Design and Development is an advanced course which develops the knowledge and skills needed to design web pages. The students will be introduced to the following software tools: HTML, CSS, JavaScript, and Adobe Dreamweaver. Other programs that are learned in combination with the previous list include Adobe Fireworks and Adobe Flash.

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**Integrated Business Applications 1**

Grades 10, 11, and 12

Integrated Business Applications 1 is designed to teach software applications that give students a commanding competitive edge in today's academic and professional environments. Students develop skills using advanced features of word processing, database, and spreadsheet, and presentation software. Students who successfully complete this course will be prepared to sit for the Microsoft Office Specialist core level exams in Word, Excel, PowerPoint, and Access. Students are not responsible for any exam costs.

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**PLTW Introduction to Engineering Design**

Grades 9, 10, 11, and 12

Prerequisite: Successful completion of Algebra 1 or Intermediate Algebra

Introduction to Engineering Design is an introductory course that develops student problem-solving skills with emphasis placed on the development of three-dimensional computer models. Students will learn a problem-solving design process and how it is used to design products. A Computer-Aided Design System (CAD) will be used to create, analyze, and evaluate the designs. The techniques learned and equipment used will be utilized in other pre-engineering courses where students will build upon the skills they acquired in this course.
**PLTW Introduction to Engineering Design**  
*Grades 9, 10, 11, and 12*

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

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

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**Marketing Management**  
*Grades 10, 11, and 12*

**Prerequisite: Marketing**

Marketing Management continues the analysis of the marketing functions by examining human resource foundations, marketing and business fundamentals, distribution, promotion, and selling as applied in merchandising. Students will also enhance their studies through virtual business computer programs and school store management.

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**Media Technology 1**  
*Grades 10 and 11*

Students taking this course will explore the general field of visual communications and will focus primarily on the television and filmmaking industries. Students will get hands-on experience in basic production techniques and will produce video projects for various purposes and audiences. Students will learn to use digital video cameras as well as non-linear editing systems. When possible, students may take field trips, have guest speakers from the media industry, and shadow professionals in the field.
**Media Technology 2**  
Grades 11 and 12  
612500CW  
1 unit

**Prerequisite:** Media Technology 1

In this course, students will continue to develop their media production skills by writing, producing, directing, shooting and editing video pieces of increasing complexity. Second year students will continue to develop expertise with professional digital video cameras and non-linear editing systems. A greater focus will be placed on careers in the visual communications industry. Students will begin to specialize in one particular area of mass communications and media production, developing a final project in this area as well as pursuing professional relationships within the industry.

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**Media Technology 3**  
Grades 11 and 12  
612600CW  
1 unit

**Prerequisite:** Media Technology 2

Third year students will continue to develop expertise with professional digital video cameras and non-linear editing systems. A greater focus will be placed on careers in the visual communications industry. Students will begin to specialize in one particular area of mass communications and media production, developing a final project in this area as well as pursuing professional relationships within the industry.

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**Media Technology 4**  
Grades 11 and 12  
612700CW  
1 unit

**Prerequisite:** Media Technology 3

This capstone course is designed to provide students an introduction to the four basic phases of filmmaking that include development, pre-production, production and post-production. The course covers high level critical and problem-solving skills with an emphasis on digital filmmaking. Students will develop, write, produce, direct, shoot and edit their own feature documentary.
SCHOOL OF BUSINESS AND INFORMATION SYSTEMS

Accounting 1  
Grades 10, 11, and 12  
500100CW  
1 unit

Prerequisite:  Algebra 1 or equivalent with a grade of 70 or higher

Accounting 1 is designed to provide an introduction to accounting principles and procedures for recording financial information in a business, manually and electronically. Students are introduced to recording accounting transactions through the use of computer software. Accounting 1 provides students with entry-level skills in the accounting profession and/or a foundation for continued study in accounting or in a related business field.

Accounting 2  
Grades 11 and 12  
500500CW  
1 unit

Prerequisite:  Accounting 1

Accounting 2 expands the student’s understanding of accounting to include subsystems, subsidiary ledgers and internal control procedures. The student develops competence in using subsidiary ledgers in preparing financial statements and in performing end-of-period procedures. The student will demonstrate the use of accounting principles through the use of computer software and simulated activities.

Advanced Computer Repair and Service  
Grades 10, 11 and 12  
532100CW  
1 unit

Prerequisite:  Computer Repair and Service
Recommendation:  Grade of 70 or higher in Computer Repair and Service

The Advanced Computer Repair and Service course is a continuation of the computer Repair and Service course. It prepares students to perform advanced, detailed tasks related to computer repair. Students receive instruction in operating systems, security, mobile devices, and troubleshooting. Laboratory activities provide instruction in installation, configuration, operation, maintenance, security, troubleshooting, and repair of industry-standard operating systems in accordance with industry certification standards. Completion of Computer Repair and Service and Advanced Computer Repair and Service will prepare students to sit for the nationally recognized CompTIA A+ certification examinations. The student is responsible for any examination costs.
**Advanced Networking**  
Grades 11 and 12  
531100CW  
1 unit

**Prerequisite:** Networking Fundamentals  
**Recommendation:** Grade of 70 or higher in Networking Fundamentals

Advanced Networking is designed to provide students with classroom, laboratory, and hands-on experience in current and emerging networking technologies. Instruction is based on mastery of industry domains including advanced network architecture; advanced network operations; advanced network security; advanced network troubleshooting; industry standards, advanced practices, and advanced network theory; and workplace readiness and leadership skills. In addition, instruction and training are provided for the proper care, maintenance, and use of networking software, tools, and equipment. Particular emphasis is given to the use of critical thinking skills and problem-solving techniques. This course prepares students to sit for the Net+ Certification Exam. The student is responsible for any exam costs.

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**Advanced Web Page Design and Development**  
Grades 10, 11, and 12  
503300CW  
1 unit

**Prerequisite:** Fundamentals of Web Page Design and Development

Advanced Web Page Design and Development is an advanced course which provides students with the knowledge and skills needed to design web pages. Students will develop skills in designing, implementing, and maintaining a website using authoring tools. The students will utilize the following tools: HTML, CSS, JavaScript, Content Management Systems, and Adobe Dreamweaver. This course prepares students to sit for the Web Communication with Dreamweaver Exam. Students are not responsible for any exam costs.

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**Business Finance**  
Grades 10, 11, and 12  
527300CW  
1 unit

**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 resources, 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.
Business Law
Grades 10, 11, and 12

Business Law is designed to acquaint students with basic legal rights and problems. Emphasis is placed on the effects that legislation has on business practices, legal forms, and legal terminology. Case problems and activities will help students learn about rights, privileges, and responsibilities of consumers, workers, and citizens.

Computer Repair and Service
Grades 9, 10, and 11

Prerequisite: Successful completion of Algebra 1 or Intermediate Algebra
Recommendation: Successful completion of Fundamentals of Computing

The Computer Repair and Service course prepares students to perform tasks related to computer repair. Students receive instruction in the installation, operation, maintenance, and repair of computer-based technology. Instruction may also include mobile devices, peripheral devices, networking, and laptops. Laboratory activities provide instruction in installation, configuration, troubleshooting, component replacement, operating systems, and upgrades in accordance with industry certification standards.

Culinary Arts Management 1
Grades 10 and 11

Prerequisite: Application, interview with Chef, and Chef approval
Requirement: Students will be expected to obtain specified uniform and shoes. Financial assistance may be available to students who can demonstrate need.

Culinary Arts 1 is designed to provide students with the necessary knowledge and skills of food preparation for entry-level jobs in the food service industry. Students explore careers and job choices, practice sanitation and safety standards, and demonstrate skills in the use of equipment operation. In addition, students are introduced to various aspects of the culinary industry, such as preparing baked items, salads, short order, desserts, and beverages. Students will be introduced to ProStart certification.
Culinary Arts Management 2
Grades 11 and 12

Prerequisite: Culinary Arts 1, interview with Chef, and Chef approval
Requirement: Students will be expected to obtain specified uniform and shoes. Financial assistance may be available to students who can demonstrate need.

Culinary Arts 2 is a continuation of Culinary Arts 1 and is designed to prepare students for entry-level employment in the food service industry or to continue advanced training at the post-secondary level. Students learn all basic areas of food preparation. Emphasis is placed on menu planning, management skills, catering, and cake decorating. Students will be introduced to ProStart certification.

Cyber Security Fundamentals
Grades 10, 11, and 12

Prerequisite: Networking Fundamentals
Recommendation: Grade of 70 or higher in Networking Fundamentals

Cyber Security Fundamentals introduces the basic concepts and terminology of cyber security and information assurance. The course examines how the concept of security integrates into the importance of use involvement, security training, ethics, trust, and best practices management. The fundamental skills cover internal and external threats to network organization’s information and a broad range of other topics.

Digital Media Marketing
Grades 11 and 12

Prerequisite: Integrated Business Applications 1, Fundamentals of Computing, or Marketing

This course is an overview of techniques in digital marketing media, including non-linear editing, introducing students to the primary feature set and basic interface of industry standard editing software. Students will plan and execute a storyboard for producing their final product, to include podcasts, DVDs, video blogs, and webcasts. Students learn to demonstrate basic digital video camera technique, digital sound, and lighting. In addition, students will perform basic editing functions while familiarizing themselves with the software’s user interface. Topics include basic setup, adjusting and customizing preferences and settings, capturing video and audio, various editing and trimming techniques, audio editing and audio creation, finishing and final output.
Digital Publication Design
Grades 9, 10, 11, and 12

This course brings together graphics and text to create professional level documents and publications. Students create, format, illustrate, design, edit/revise, and print publications. Improved productivity of digitally produced newsletters, flyers, brochures, reports, advertising materials, catalogs, and other publications is emphasized.

Entrepreneurship
Grades 11 and 12

Entrepreneurship is designed to give students a general overview of the American enterprise system with special emphasis being placed on small business ownership. An important part of the course will be the development of business and managerial leadership skills as they relate to the functions of owning and managing a small business and the creation of a business plan.

Event and Entertainment Management
Grades 10, 11, and 12

Prerequisite: Introduction to Hospitality and Tourism Management

Create magic and memories...Event and Entertainment Management familiarizes students with management techniques and strategies for successful planning, promotion, and implementation of special events that result in extraordinary and memorable experiences. Students will learn the basics about what it takes to add the “WOW factor” for customers whether the event is a sporting event, corporate event, family reunion, cruise, wedding, party, etc. Students will engage in project- and problem-based learning opportunities for event evaluation, direct observation of, and hands-on involvement in the planning and staging of special events. Students are encouraged to participate in extended learning experiences such as career and technical student organizations (FCCLA and/or DECA) and other leadership or extracurricular organizations to enhance their learning.

Fundamentals of Computing
Grades 9, 10, 11, and 12

Fundamentals of Computing is designed to allow students to explore a variety of computer science topics such as web design, human computer interactions, programming, and problem solving. Optional topics include mobile applications, robotics, and digital animation. Students will develop critical thinking, logic, and problem-solving skills relevant to today’s technology.
Foundations of Animation  
Grades 10, 11, and 12  
535000CW 1 unit

Prerequisite: Image Editing 1

This introductory course in computer animation uses Adobe Flash software. Flash is currently the professional standard for producing high-impact web animations using movies, graphics and sound. Students create and modify movies using objects, graphics, sound, animation, and special effects. An introduction to Flash ActionScript is also presented. Students examine techniques for optimizing files and publish for the web. This course prepares students to sit for the Adobe Certified Associate – Adobe Flash Exam. Students are not responsible for any exam costs.

Fundamentals of Web Page Design and Development  
Grades 10, 11, and 12  
503100CW 1 unit

Prerequisite: Integrated Business Applications 1 or Fundamentals of Computing

Fundamentals of Web Page Design and Development is an advanced course which develops the knowledge and skills needed to design web pages. The students will be introduced to the following software tools: HTML, CSS, JavaScript, and Adobe Dreamweaver. Other programs that are learned in combination with the previous list include Adobe Fireworks and Adobe Flash.

Game Design and Development  
Grades 11 and 12  
535200CW 1 unit

Prerequisite: Fundamentals of Computing

Game Design and Development is a course covering major aspects of game design including character and world development, game playing, game genres, and theories and principles of game design. Students will gain hands-on experience in simple game development. Concepts and practices will be explored to help students decide if they are interested in pursuing careers in game programming.
Image Editing
Grades 9, 10, 11, and 12

Prerequisite: Integrated Business Applications 1 or Fundamentals of Computing

This is an introductory course designed for the students interested in pursuing a career or continuing their education in the graphic design/interactive media industries. Students are instructed in the fundamental features of Photoshop for editing and designing photos as well as learning the basics of digital photography. Successful completion of Image Editing helps provide a foundation for continued training in the graphic design/interactive media industries. This course prepares students to sit for the Adobe Certified Associate Visual Communication with Adobe Photoshop exam. Students are not responsible for any exam costs.

Integrated Business Applications 1
Grades 10, 11, and 12

Integrated Business Applications 1 is designed to teach software applications that give students a commanding competitive edge in today’s academic and professional environments. Students develop skills using advanced features of word processing, database, and spreadsheet, and presentation software. Students who successfully complete this course will be prepared to sit for the Microsoft Office Specialist core level exams in Word, Excel, PowerPoint, and Access. Students are not responsible for any exam costs.

Introduction to Hospitality and Tourism Management
Grades 9, 10, and 11

Hospitality + You = Unimaginable Opportunities...Introduction to Hospitality and Tourism Management explores the nature, concepts and impact of the hospitality and tourism industry. This course focuses on foundational information about the hospitality and tourism industry and provides career exploration, employability and career development skills, guest satisfaction, safety, security and environmental practices, the history of the hospitality industry, and the hospitality and tourism segments. Students are encouraged to participate in extended learning experiences such as career and technical student organizations (FCCLA and/or DECA) and other leadership or extracurricular organizations to enhance their learning.
Lodging Management  
Grades 10, 11, and 12  
547300CW  1 unit

Prerequisite: Introduction to Hospitality and Tourism Management

There’s No Dodging the Lodging! So, Check-in for a Five Star Experience! Lodging Management is the study of the lodging industry's history, growth, development and future direction. Students will learn what it takes to provide ideal guest experiences from a management perspective. The course covers front office procedures and interpersonal dynamics from reservations through night audit. Students are encouraged to participate in extended learning experiences such as career and technical student organizations (FCCLA and/or DECA) and other leadership or extracurricular organizations to enhance their learning.

Marketing  
Grades 10 and 11  
542100CW  1 unit

Marketing introduces marketing concepts; examines the economic, marketing and business, and human resource fundamentals of marketing; and overviews the marketing functions of selling, promotion, distribution, risk management, pricing, purchasing, marketing information management, product/service planning, and financing. Students will also enhance their studies through virtual business computer programs and school store management.

Marketing Management  
Grades 10, 11, and 12  
543100CW  1 unit

Prerequisite: Marketing

Marketing Management continues the analysis of the marketing functions by examining human resource foundations, marketing and business fundamentals, distribution, promotion, and selling as applied in merchandising. Students will also enhance their studies through virtual business computer programs and school store management.
Networking Fundamentals
Grades 10 and 11 531000CW 1 unit

Prerequisite: Algebra 1 and Computer Repair and Service
Recommendation: Grade of 70 or higher in Computer Repair and Service

Networking Fundamentals provides students with classroom, laboratory, and hands-on experience in current and emerging networking technologies. Instruction is based on industry domains including network architecture; network operations; network security; network troubleshooting; industry standards, practices, and network theory; and workplace maintenance, and use of networking software, tools, and equipment. Particular emphasis is given to the use of critical thinking skills and problem-solving techniques.

Personal Finance
Grades 9, 10, 11, and 12 513100CW 1 unit

Personal Finance is designed to introduce the student to basic financial literacy skills needed to live independently. In this class, students explore educational requirements and starting salaries for various careers. Students learn about budgeting, maintaining checking accounts and saving for long-range goals. This course introduces students to investments such as stocks, bonds, real estate and mutual funds. Students learn how to obtain and properly manage credit. The course also addresses taxes and insurance.

Real Estate
Grade 12 693000CW 1 unit

Prerequisite: Entrepreneurship and Marketing or Professional Sales

This course is designed to provide students with the knowledge and skills necessary to being a career as a real estate salesperson and in intended to be taken by twelfth grade students in their last semester before graduation. Topics covered include Real Estate Contracts, Agent/Client Relationships, Real Estate Appraisal, Fair Housing Laws, Property Management, Taxation, Real Estate Finance and S. C. Licensing Laws.
Securities and Investments  
Grades 10, 11, and 12  
527700CW  
1 unit

Prerequisite: Personal Finance

This course is designed to prepare students to make intelligent investment decisions based on their personal financial needs (or on the needs of a business). Topics include financial planning for various life stages; stocks, bond, mutual funds, real estate, precious metals, gems and collectibles, and futures and options markets.

Travel and Tourism Management  
Grades 10, 11, and 12  
547400CW  
1 unit

Prerequisite: Introduction to Hospitality and Tourism Management

Discover the World One Adventure at a Time...Travel and Tourism Management incorporates management principles and procedures of the travel and tourism industry as well as destination geography, airlines, international travel, cruising, travel by rail, lodging, recreation, amusements, attractions, and resorts. Employment qualifications and opportunities are also included in this course. Students are encouraged to participate in extended learning experiences such as career and technical student organizations (FCCLA and/or DECA) and other leadership or extracurricular organizations to enhance their learning.

Virtual Enterprise 1  
Grades 10, 11, and 12  
515000CW  
1 unit

Prerequisite: Successful completion of a business- or computer-related course

Virtual Enterprise is a simulated business environment, which is a part of a national curriculum from Virtual Enterprises International and the South Carolina Virtual Enterprises Network that allows students to experience within a simulated business all facets of being an employee in a firm. The program allows students to run simulated offices in their school and engage in virtual trading with other practice firms. The program provides students with interdisciplinary instruction and an in-school on-the-job work experience to develop school-to-career skills including accounting, personnel, administration, management, marketing, and web site development. The goal of Virtual Enterprise is to create a learning environment that integrates school and the work place to enhance learning.
Virtual Enterprise 2
Grades 10, 11, and 12

**Prerequisite:** Virtual Enterprise 1 and interview

Virtual Enterprise 2 is a continuation of Virtual Enterprise 1. Students will interview and gain experience in other positions in the proprietary virtual enterprise. Students will also create a career-based Digital Portfolio. Students in Virtual Enterprise 2 assist in the training of and consult with students in Virtual Enterprise 1.

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Virtual Enterprise 3
Grades 10, 11, and 12

**Prerequisite:** Virtual Enterprise 2 and interview

Virtual Enterprise 3 is a continuation of Virtual Enterprise 2. Students will interview and gain experience in other positions in the proprietary virtual enterprise. Students will continue to create and expand their career-based Digital Portfolio. Students in Virtual Enterprise 3 assist in the training of and consult with students in Virtual Enterprise 1 and 2.

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Virtual Enterprise 4
Grades 10, 11, and 12

**Prerequisite:** Virtual Enterprise 3 and interview

Virtual Enterprise 4 is a continuation of Virtual Enterprise 3. Students will interview and gain experience in other positions in the proprietary virtual enterprise. Students will complete an independent online/CD-based course that covers a variety of topics in life management, career exploration/preparation, business skills/knowledge, work ethics, and planning for the future. Students in Virtual Enterprise 4 assist in the training of and consult with students in Virtual Enterprise 1, 2, and 3.
SCHOOL OF MATHEMATICS, SCIENCE AND ENGINEERING

Advanced Cyber Security
Grades 10, 11 and 12

Prerequisite: Cyber Security Fundamentals
Recommendation: Grade of 70 or higher in Cyber Security Fundamentals

Advanced Cyber Security explores the field of information security and assurance with updated content including new innovations in technology and methodologies. It builds on existing concepts introduced in Cyber Security Fundamentals and expands into malware threats, cryptography, organizational security, and wireless technologies. This is the second of two courses that prepare the student to take the CompTIA Security+ Certification Exam. The student is responsible for any examination costs.

Advanced Networking
Grades 11 and 12

Prerequisite: Networking Fundamentals
Recommendation: Grade of 70 or higher in Networking Fundamentals

Advanced Networking is designed to provide students with classroom, laboratory, and hands-on experience in current and emerging networking technologies. Instruction is based on mastery of industry domains including advanced network architecture; advanced network operations; advanced network security; advanced network troubleshooting; industry standards, advanced practices, and advanced network theory; and workplace readiness and leadership skills. In addition, instruction and training are provided for the proper care, maintenance, and use of networking software, tools, and equipment. Particular emphasis is given to the use of critical thinking skills and problem-solving techniques. This course prepares students to sit for the Net+ Certification Exam. The student is responsible for any exam costs.
Advanced Placement Computer Science Applications
Grades 10, 11, and 12

Prerequisite: Completion of Honors Algebra 2 or CP Algebra 3.
Recommendation: Minimum of 80 average in Honors Algebra 2 or CP Algebra 3

The overarching goal of this beginning course in Java is to teach the fundamentals of the language. Java is the language of the Internet and is often used to create applets and other Net-based applications. However, before a student can create these types of applications, he or she must understand the basic elements of the language. By the end of this course, students will have a solid foundation that will enable them to start writing their own programs and applets. Each student must take the Advanced Placement examination for possible college credit.

PLTW Aerospace Engineering
Grades 10, 11, and 12

Prerequisite: Successful completion of IED or an 80 average or above in Algebra 1

The major focus of the Aerospace Engineering course is to expose students to the world of aeronautics, astronautics, and related engineering. Students will employ engineering and scientific concepts in the solution of aerospace problems. Lessons will engage students in engineering problems related to aerospace information systems, astronautics, rocketry, propulsion, space science, principles of aeronautics, structures and materials, and systems engineering. Students will work individually and in teams on projects and activities to learn the diverse characteristics of aerospace engineering. They will focus on problem solving related to situations that aerospace engineers face in their careers. Students will document their projects and communicate their solutions to their peers and members of the professional community.

Automotive Technology 1
Grades 10, 11, and 12

Prerequisite: Application and interview

This course teaches students to become proficient in the use of automotive fasteners, gaskets, sealants, liquids and fluids, writing work orders, tire and wheel services, and vehicle chassis lubrication. Students learn basic engine fundamentals, minor engine tune-ups and brake systems. Students need computer keyboarding skills to operate diagnostic equipment and access vehicle service manuals.
Automotive Technology 2  
Grades 11 and 12  
603100CD  
2 units

Prerequisite: Automotive Technology 1

This course teaches theory and principles of major engine tune-ups. Actual work experience includes: batteries and starting systems; alternators and charging systems; computer command controls and electronics; ignition systems; fuel supply and emission control systems; exhaust, lubricating and cooling systems; and car body electrical and accessory systems. Students conduct: chassis and suspension system repairs and services; computerized wheel alignment; and, differential and drive-axle assemblies and services.

Automotive Technology 3  
Grades 11 and 12  
603200CD  
2 units

Prerequisite: Automotive Technology 2

Automotive Technology 3 emphasizes the advanced skills needed in today’s automotive field. Problem solving and research skills will be used. Students will have the opportunity to work and perfect their skills. Hands-on experiences and classroom content instruction will be used. This course covers brakes, steering/suspension, advanced electrical, and engine performance included emission related issues.

PLTW Civil Engineering and Architecture  
Grades 10, 11, and 12  
605800HW  
1 unit

Prerequisite: Successful completion of Introduction to Engineering Design or an 80 average or above in Algebra 1

Civil Engineering and Architecture is the study of the design and construction of residential and commercial building projects. The major focus of the course is to expose students to the design and construction of residential and commercial building projects which will include architectural drawings, site planning, landscape design, structural design, and foundation systems. Utilizing activity-project-problem-based (APPB) teaching and learning, students will analyze, design, and build both physical and digital (computer-aided design-CAD) models of residential and commercial facilities. While implementing these designs students will continually hone their interpersonal skills, creative abilities and understanding of the design process. This course applies and concurrently develops secondary level knowledge and skills in mathematics, science, art, and technology.
**PLTW Computer Integrated Manufacturing**
*Grades 11 and 12*

**605300HW**
1 unit

**Prerequisite:** Successful completion of Principles of Engineering and Algebra 2

**Recommendation:** 75 or higher in Principles of Engineering

CIM is a course that applies the principles of computer integration, robotics, and automation. This course builds upon the computer solid modeling skills developed in Introduction to Engineering Design and physical modeling skills attained in Principles of Engineering. Students will use computer-controlled rapid prototyping and CNC equipment to solve problems by constructing actual models of their three-dimensional designs. Students will also be introduced to the fundamentals of robotics and learn how this technology is used in an automated manufacturing environment. Students will evaluate their design solutions using various simulation techniques and make appropriate modifications before producing their prototypes.

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**Cyber Security Fundamentals**
*Grades 10, 11, and 12*

**537000CW**
1 unit

**Prerequisite:** Networking Fundamentals

**Recommendation:** Grade of 70 or higher in Networking Fundamentals

Cyber Security Fundamentals introduces the basic concepts and terminology of cyber security and information assurance. The course examines how the concept of security integrates into the importance of use involvement, security training, ethics, trust, and best practices management. The fundamental skills cover internal and external threats to network organization’s information and a broad range of other topics.

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**PLTW Digital Electronics**
*Grades 10, 11, and 12*

**605200HW**
1 unit

**Prerequisite:** Successful completion of Introduction to Engineering Design or an 80 average or above in Algebra 1

Digital Electronics™ is the study of electronic circuits that are used to process and control digital signals. Digital electronics is the foundation of all modern electronic devices such as cellular phones, MP3 players, laptop computers, digital cameras, high definition televisions, etc. The major focus of this course is to expose students to the design process of combinational and sequential logic design, microprocessors, communication methods, engineering standards, and technical documentation. Utilizing the activity-project-problem-based (APPB) teaching and learning pedagogy, students will analyze, design and build digital electronic circuits. While implementing these designs students will continually hone their interpersonal skills, creative abilities and understanding of the design process.
PLTW Engineering Design and Development
Grade 12

Prerequisite: Successful completion of three engineering electives or Engineering Design and Development teacher recommendation

Engineering Design and Development is the capstone course in the PLTW high school engineering program. It is an engineering research course in which students work in teams to design and develop an original solution to a valid open-ended technical problem by applying the engineering design process. This course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology. Utilizing the activity-project-problem-based (APPB) teaching and learning pedagogy, students will perform research to choose, validate, and justify a technical problem. After carefully defining the problem, teams of students will design, build, and test their solution. Finally, student teams will present and defend their original solution to an outside panel. While progressing through the engineering design process, students will work closely with experts and will continually hone their organizational, communication and interpersonal skills, their creative and problem-solving abilities, and their understanding of the design process.

PLTW Environmental Sustainability
Grades 10, 11, and 12

Prerequisite: Successful completion of Introduction to Engineering Design or an 80 average or above in Algebra 1

In Environmental Sustainability, students investigate and design solutions in response to real-world challenges related to clean and abundant drinking water, food supply issues, and renewable energy. Applying their knowledge through hands-on activities and simulations, students will research and design potential solution to these true-to-life challenges.

Equipment Operation and Maintenance
Grades 10, 11, and 12

Prerequisite: Introduction to Horticulture
Recommendation: Minimum of 77 average in previous horticulture courses

This course is designed to teach students how to operate and maintain equipment commonly used in the landscape industry. Typical instructional activities include hands-on experiences with the operation, maintenance and repair of landscape power equipment.
Fundamentals of Computing
Grades 9, 10, 11, and 12

502300CW
1 unit

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

Integrated Business Applications 1
Grades 10, 11, and 12

502000CW
1 unit

Integrated Business Applications 1 is designed to teach software applications that give students a commanding competitive edge in today’s academic and professional environments. Students develop skills using advanced features of word processing, database, and spreadsheet, and presentation software. Students who successfully complete this course will be prepared to sit for the Microsoft Office Specialist core level exams in Word, Excel, PowerPoint, and Access. Students are not responsible for any exam costs.

PLTW Introduction to Engineering Design
Grades 9, 10, 11, and 12

605100CW
1 unit

Prerequisite: Successful completion of Algebra 1 or Intermediate Algebra

Introduction to Engineering Design is an introductory course that develops student problem-solving skills with emphasis placed on the development of three-dimensional computer models. Students will learn a problem-solving design process and how it is used to design products. A Computer-Aided Design System (CAD) will be used to create, analyze, and evaluate the designs. The techniques learned and equipment used will be utilized in other pre-engineering courses where students will build upon the skills they acquired in this course.
Introduction to Engineering Design Honors
Grades 9, 10, 11, and 12

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

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

Introduction to Horticulture
Grades 10 and 11

The Introduction to Horticulture course is designed to be an introduction to the horticulture pathway. It is a prerequisite for all other horticulture courses. This course includes organized subject matter and practical experiences related to the culture of plants. Instruction emphasizes knowledge and understanding of a broad array of topics relating to horticulture. Subject matter includes plant physiology, soil science, and integrated pest management. This course also explores the multitude of opportunities that exist within the horticulture industry.

Introduction to Transportation, Distribution and Logistics
Grade 10

This course is an introduction to the automotive industry. Students will learn about shop safety practices, professional responsibilities, equipment identification and use, engine operation, construction and components, vehicle maintenance, and shop operation.

Landscape Technology
Grades 10, 11, and 12

Prerequisite: Introduction to Horticulture
Recommendation: Minimum of 77 average in previous horticulture classes

The course combines landscape design, maintenance and installation into one dynamic course. Typical instructional activities include hands-on experiences with the planning and selection of materials for the design and construction of landscapes and hardscapes. In addition, a combination of subject matter and activities is designed to teach technical knowledge and skills for entry-level positions in selling, selecting, and servicing the landscape.
<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mechatronics 1</strong></td>
<td>621000CW</td>
<td>1 unit</td>
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<tr>
<td>Grades 9, 10, 11, and 12</td>
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<tr>
<td><strong>Prerequisite:</strong></td>
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<tr>
<td>Successful completion of Algebra 1 or Intermediate Algebra</td>
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<tr>
<td><strong>Description:</strong></td>
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<tr>
<td>Students enrolled in Mechatronics receive training in electrical theory, electrical test equipment, electrical blueprints, commercial and industrial wiring, conductor terminations, circuit breakers and fusers, contractors and relays, precision measuring tools, basic hydraulic systems, basic pneumatic systems, programmable logic controllers and robotic systems.</td>
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<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Units</th>
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<tbody>
<tr>
<td><strong>Mechatronics 2</strong></td>
<td>621100CW</td>
<td>1 unit</td>
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<tr>
<td>Grades 10, 11, and 12</td>
<td></td>
<td></td>
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<tr>
<td><strong>Prerequisite:</strong></td>
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<tr>
<td>Mechatronics 1</td>
<td></td>
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<tr>
<td><strong>Description:</strong></td>
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<tr>
<td>Mechatronics 2 is a continuation of Mechatronics 1. It focuses on the theory of electricity/electronics, pneumatics/hydraulics, and magnetism. This course is an introduction to manual robotics control, programmable controls, solid state drivers, instrumentation and process controls used in industry. Hands-on activities will be used to explore these concepts.</td>
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<tr>
<th>Course</th>
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<tbody>
<tr>
<td><strong>Networking Fundamentals</strong></td>
<td>531000CW</td>
<td>1 unit</td>
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<tr>
<td>Grades 10 and 11</td>
<td></td>
<td></td>
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<tr>
<td><strong>Prerequisite:</strong></td>
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<td></td>
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<tr>
<td>Algebra 1 and Computer Repair and Service</td>
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<td></td>
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<tr>
<td><strong>Recommendation:</strong></td>
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<td></td>
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<tr>
<td>Grade of 70 or higher in Computer Repair and Service</td>
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<tr>
<td><strong>Description:</strong></td>
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<tr>
<td>Networking Fundamentals provides students with classroom, laboratory, and hands-on experience in current and emerging networking technologies. Instruction is based on industry domains including network architecture; network operations; network security; network troubleshooting; industry standards, practices, and network theory; and workplace maintenance, and use of networking software, tools, and equipment. Particular emphasis is given to the use of critical thinking skills and problem-solving techniques.</td>
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</tbody>
</table>
Nursery, Greenhouse and Garden Center Technology  
Grades 10, 11, and 12  
567200CW  
1 unit

Prerequisite:  Introduction to Horticulture  
Recommendation:  Minimum of 77 average in previous Horticulture courses

Nursery, Greenhouse and Garden Center Technology includes organized subject matter and practical experiences related to the operation and management of a nursery, greenhouse or garden center. Instruction emphasizes knowledge and understanding of the importance of establishing, maintaining, and managing “green industry” enterprises. Typical instructional activities include hands-on experiences with propagating, growing, establishing, and maintaining nursery plants and greenhouse crops.

PLTW Principles of Engineering  
Grades 10, 11, and 12  
605000HW  
1 unit

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

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

Turf and Lawn Management  
Grades 10, 11, and 12  
565400CW  
1 unit

Prerequisite:  Introduction to Horticulture  
Recommendation:  Minimum of 77 average in previous horticulture courses

This course is designed to teach technical knowledge and skills for entry-level positions in the turf grass industry. The principles and practices involved in establishing, managing, and maintaining grassed areas for ornamental and/or recreational purposes are studied. Typical instructional activities include hands-on experiences with analyzing problems for commercial and residential lawns. This course also includes establishing, fertilizing, irrigating, and pest management control of grassed areas as well as operating and maintaining machinery and equipment.
SCHOOL OF HEALTH, HUMAN AND PUBLIC SERVICES

Accounting 1
Grades 10, 11, and 12
500100CW
1 unit

Prerequisite: Algebra 1 or equivalent with a grade of 70 or higher

Accounting 1 is designed to provide an introduction to accounting principles and procedures for recording financial information in a business, manually and electronically. Students are introduced to recording accounting transactions through the use of computer software. Accounting 1 provides students with entry-level skills in the accounting profession and/or a foundation for continued study in accounting or in a related business field.

PLTW Biomedical Innovation
Grades 11 and 12
558300HW
1 unit

Prerequisite: Principles of Biomedical Science, Human Body Systems, and Medical Interventions
Recommendation: Grade of 85 or higher in Medical Interventions

In this capstone course, students design and conduct experiments related to the diagnosis, treatment, and prevention of disease or illness. They apply their knowledge and skills to answer questions or to solve problems related to the biomedical sciences. They may work with a mentor or advisor from a university, hospital, physician’s office or industry as they complete their work. Students are expected to present the results of their work to an adult audience, which may include representatives from the local healthcare or business community or the school’s PLTW partnership team.

Business Finance
Grades 10, 11, and 12
527300CW
1 unit

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 resources, 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.
**Business Law**

*Grades 10, 11, and 12*

Business Law is designed to acquaint students with basic legal rights and problems. Emphasis is placed on the effects that legislation has on business practices, legal forms, and legal terminology. Case problems and activities will help students learn about rights, privileges, and responsibilities of consumers, workers, and citizens.

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**Cosmetology 1**

*Grade 11*

*Prerequisite:* Application, interview, and teacher approval  
*Requirement:* Each Level 1 and 2 student must purchase a personal kit for approximately $400.

To become a cosmetologist, the State Board of Cosmetology requires students to pass a theory test and a practical test of skills. Students must complete Cosmetology 1 and 2 and Cosmetology 3 and 4, and pass the exam to receive a cosmetology license from the South Carolina Department of Labor, Licensing and Regulation Board. Personal appearance care service workers participate in continuing education and training at salons, cosmetology schools and product shows. Students assist individuals with their personal appearance including shampooing, cutting, coloring and styling hair. Students learn to give manicures, pedicures, scalp treatments, facials, and makeup analyses. Students clean and style wigs and hairpieces.

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**Cosmetology 3**

*Grade 12*

*Prerequisite:* Cosmetology 1 and 2, instructor approval, 500 hours of seat time towards licensure requirement  
*Requirement:* Each Level 3 and 4 student must pay a fee of $200 to cover the cost of the State Board Licensing Exams and their final mannequin to take to the exam.

Personal care services students continue an in-depth study of hairstyling, haircutting, chemical services, skin, and nails. Cosmetology 3 and 4 provide preparation for passing the written and practical exam for the South Carolina license from the South Carolina Department of Labor, Licensing and Regulation Board. These courses are equal to nine months of private school training at a cost of $18,000-$22,000.
Entrepreneurship  
Grades 11 and 12  
540000CW  
1 unit

Entrepreneurship is designed to give students a general overview of the American enterprise system with special emphasis being placed on small business ownership. An important part of the course will be the development of business and managerial leadership skills as they relate to the functions of owning and managing a small business and the creation of a business plan.

PLTW Environmental Sustainability  
Grades 10, 11, and 12  
637400HW  
1 unit

Prerequisite: Successful completion of Introduction to Engineering Design or an 80 average or above in Algebra 1

In Environmental Sustainability, students investigate and design solutions in response to real-world challenges related to clean and abundant drinking water, food supply issues, and renewable energy. Applying their knowledge through hands-on activities and simulations, students will research and design potential solutions to these true-to-life challenges.

Health Science 1  
Grades 10, 11, and 12  
555000CW  
1 unit

Prerequisite: Successful completion of Biology 1  
Recommendation: Grade of 77 or higher in Biology 1

Health Science 1 is offered to students interested in pursuing a career in the healthcare field. In this first course students are provided an overview of healthcare history, cultural diversity, medical terminology, medical math, infection control, basics of the organization of healthcare facilities, and personal health and lifestyle choices. A major focus is placed on introduction to health careers, professionalism and employability skills. Students achieve an understanding of where health has been, where it’s going and how professionalism and personal characteristics impact their success. Students will be introduced to “Standard Precautions” and learn about confidentiality through HIPPA. As students are guided through healthcare career exploration, they will discuss education levels and requirements needed to be successful. Students will participate in a career project, and will learn from guest speakers in the healthcare field. First aid procedures and fire safety are introduced. The skills and knowledge that students learn in Health Science 1 serve to prepare them for future clinical experiences such as job shadowing or internships as they advance through Health Science courses. To advance to Health Science 2, students must achieve a grade of 75 or higher in Health Science 1.
Health Science 2
Grades 11 and 12

Prerequisite: Health Science 1 with a grade of 75 or higher

Health Science 2 applies the knowledge and skills that were learned in Health Science 1 while further challenging the students to learn more about the healthcare field. Health Science 2 will continue teaching in more detail the units of study that include advanced study of infection control. They will learn about “Transmission Based Precautions” and become more familiar with OSHA, HIPPA, and the CDC. Students in Health Science 2 will learn how to take vital signs, record them, and learn what the data means. Students will learn how law and ethics are applied in the healthcare setting. This course will introduce students to basic patient care skills. Medical terminology, medical math and pharmacology are incorporated throughout the lessons being taught. Students will have the opportunity to be certified in First Aid and CPR. Career pathways and scenarios are introduced through each section. Students in this course should further their knowledge of healthcare careers and future goals by participating in a job shadowing experience. This course provides a foundation for further advancement in Health Science. It is recommended that students score 75 or higher in this course to advance to Clinical Study if all prerequisites are met.

Health Science Clinical Study
(Certified Nursing Assistant Training)
Grade 12

Prerequisite: Health Science 1 and Health Science 2 with a grade of 75 or higher and one or more of the following courses: Human Body Systems, Anatomy and Physiology, AP Biology or Medical Terminology
Recommendation: Grade of 75 or higher in Health Science 2
Requirements: Documented negative tuberculin skin test annually or documented negative two-step. Documentation verifying three hepatitis B vaccinations or signed declination; two measles, mumps, rubella vaccinations; two varicella (chicken pox) vaccinations or serological immune status for rubella, rubeola, mumps and varicella. Students must provide transportation to all health care facilities.

Health Science Clinical Study is a course that guides students to make connections from the classroom to the healthcare industry. This course is designed to provide for further development and application of knowledge and skills common to a wide variety of healthcare professions. Students in this course will build on all information and skills presented in Health Science 1 and 2. Students will carry these skills into real life experiences.

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. Nursing Assistant candidates will review all foundation standards in the clinical study program as well as the South Carolina Nursing Assistant Curriculum.

Upon completion of this course, students may be eligible to take the Nursing Assistant Exam for certification. The Nursing Assistant Exam fees are the responsibility of the student.
PLTW Human Body Systems  
Grades 10, 11, and 12  
558100HW  
1 unit

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

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

Integrated Business Applications 1  
Grades 10, 11, and 12  
502000CW  
1 unit

Integrated Business Applications 1 is designed to teach software applications that give students a commanding competitive edge in today’s academic and professional environments. Students develop skills using advanced features of word processing, database, and spreadsheet, and presentation software. Students who successfully complete this course will be prepared to sit for the Microsoft Office Specialist core level exams in Word, Excel, PowerPoint, and Access. Students are not responsible for any exam costs.

Marketing  
Grades 10 and 11  
542100CW  
1 unit

Marketing introduces marketing concepts; examines the economic, marketing and business, and human resource fundamentals of marketing; and overviews the marketing functions of selling, promotion, distribution, risk management, pricing, purchasing, marketing information management, product/service planning, and financing. Students will also enhance their studies through virtual business computer programs and school store management.
PLTW Medical Interventions                    558200HW
Grades 11 and 12          1 unit

Prerequisite: Principles of Biomedical Science and Human Body Systems
Recommendation: Grade of 85 or higher in Human Body Systems

Student projects investigate various medical interventions that extend and improve quality of
life, including gene therapy, pharmacology, surgery, prosthetics, rehabilitation, and supportive
care. The course explores the design and development of various medical interventions,
including nanotechnology, cochlear implants, and prosthetic limbs. In addition, students review
the history of organ transplants and gene therapy, and stay updated on cutting-edge
developments via current scientific literature. Using 3D imaging, data acquisition software, and
current scientific research, students design a product that can be used as a medical
intervention.

Medical Terminology           554000CW
Grades 10, 11, and 12         1 unit

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

Pharmacology for Medical Careers         557000CW
Grade 12             1 unit

Requirement: Students must be a completer in any Health Science major. Students must purchase a
log-on. Course cost is approximately $299. Financial assistance may be available to
students who can demonstrate need.

This course is offered in a multimedia format for students interested in medical careers such as
pharmacy, pharmacy technician, nursing or medicine. The course introduces students to basic
terminology, medications and their actions, law affecting the pharmacy industry, medical math
calculations and basic pharmacy operations. Upon completion of this course and graduation,
students may be able to take the National Pharmacy Technician Certification Board
Examination. The National Pharmacy Technician Board Examination fees are the responsibility
of the student.
PLTW Principles of Biomedical Science  
Grades 9 and 10  

Prerequisite: Algebra 1

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

Sports Medicine 1  
Grades 10, 11, and 12  

Prerequisite: Biology 1

Sports Medicine 1 emphasizes sports medicine career exploration and the prevention of athletic injuries, including the components of exercise science, kinesiology, anatomy, principles of safety, first aid, cardiopulmonary resuscitation (CPR), and vital signs. Subject matter also includes legal issues, members of the sports medicine team, nutrition, protective sports equipment, environmental safety issues, taping and wrapping, mechanisms of injury, and application of other sports medicine concepts. Students interested in healthcare careers in athletic training, physical therapy, medicine, exercise physiology, nursing, biomechanics, nutrition, psychology, and radiology will benefit from this course.
Sports Medicine 2
Grades 11 and 12

Prerequisite: Completion of Sports Medicine 1
Recommendation: Grade of 75 or higher in Sports Medicine 1

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, the use of appropriate therapeutic modalities, and exercise in the care, rehabilitation and treatment of injuries will be examined. A review of the body systems and advanced concepts related to the administrative aspects of the sports medicine program will also be covered in this course. Other career roles in Sports Medicine will be discussed as the athletic trainer takes the injured athlete through the pathway of recovery. Sports Medicine 2 is an advanced course designed for students with the ability to work independently as well as in a group atmosphere and for students who possess strong leadership, cortical thinking and problem-solving skills.

Sports Medicine 3
Grades 11 and 12

Prerequisite: Completion of Sports Medicine 2 with a grade of 75 or higher and Sports Medicine teacher recommendation
Requirement: Must have own transportation home
Recommendation: It is strongly recommended that students successfully complete Medical Terminology or Anatomy and Physiology prior to this course.

Sports Medicine 3 emphasizes the student’s ability to apply concepts from previous Sports Medicine course work to real world situations and scenarios. A priority will be placed on understanding the current research and evidence-based practices affecting the practice of Sports Medicine professionals. Students will develop policies, procedures, and guidelines based these aspects, as well as explore detailed treatment and rehabilitation procedures for common athletic injuries. Students are expected to participate in clinical situations either at school with their athletic department or in an outside clinical setting for real world experience. This course is offered fall semester only.
CURRICULUM FRAMEWORK

South Carolina high school students face many challenges – higher education standards, increasing college entrance requirements, and growing workforce demands. For students to be successful, high schools must provide a curriculum that is challenging and relevant. They must also offer a sequence of courses to assist students in becoming passionate, lifelong learners.

A framework for curriculum planning aids students and their parents in this process. An effective curriculum framework must have high standards and expectations for all students, a rigorous curriculum that prepares them for post-secondary education and engaging instructional strategies designed to help students learn important concepts and ideas in depth. The Wando High School Curriculum Framework includes a rigorous curriculum design and a requirement that each student develop a challenging Individual Graduation Plan. Working with their parents, counselors and teachers, students develop plans that include academic as well as profession-related courses. Their plans also identify extended learning opportunities that are designed to prepare students for transition to post-secondary education and the workplace.

Wando High School strives to provide a comprehensive curriculum to address the individual needs of all of our students. The framework design allows for an integrated, multi-dimensional approach to planning that helps students become successful learners for high school and beyond. The framework provides a structure for planning and communicating high expectations.

A comprehensive curriculum framework includes the following elements:

- Schools of Study
- Clusters of Study
- Majors within each cluster of study
- Individual Graduation Plan
- Recommended curriculum for an IGP
- Standardized IGP form

A school of study is a way to organize the curriculum into broad program areas that are inter-related in nature and that relate to various professions and academic areas of study. There are four schools of study in our framework:

- School of Arts and Humanities
- School of Business and Information Systems
- School of Mathematics, Science and Engineering
- School of Health, Human and Public Services

A cluster of study is a means of organizing instruction and student experiences around broad categories that encompass virtually all occupations from entry level through professional levels. Clusters of study provide a way to organize and tailor course work and learning experiences around areas of interests. Clusters of study are designed to provide a seamless transition from
high school study to post-secondary study and/or the workforce. Nationally and in South Carolina there are 16 national clusters of study as a means of organizing curriculum. They are:

- Agriculture, Food & Natural Resources
- Architecture & Construction
- Arts, A/V Technology & Communication
- Business Management & Administration
- Education & Training
- Finance
- Government & Public Administration
- Health Science
- Hospitality & Tourism
- Human Services
- Information Technology
- Law, Public Safety, Corrections & Security
- Manufacturing
- Marketing
- Science, Technology, Engineering & Mathematics
- Transportation, Distribution & Logistics

A cluster of study has several majors. A major consists of a number of required units of study in that area. It is recommended that students take at least one course at the highest level offered. Students are asked to select a cluster of study prior to the tenth grade. By the end of the tenth grade, students are asked to select a major, focusing their academic and elective interest in a specific area. With careful planning some students may complete more than one major.

Students can change a cluster or major if their interests change. Students are never locked into a specific cluster or major. Although students need to declare a major by the end of the tenth grade, completion of a major is not a requirement for a South Carolina High School Diploma.

An Individual Graduation Plan (IGP) is a document used to assist students and their parents in exploring educational and professional possibilities and in making appropriate secondary and post-secondary decisions. It can be modified over time as the student’s interests and skills develop or change. The IGP is based on the student’s academic record, work and general life experiences, and the results of assessments, such as career inventories and achievement tests. On a yearly basis, the IGP should be modified to include courses required for graduation, courses required for a specific major, elective chosen related to a specific major, and extended learning opportunities related to the major.

A student who completes a major as defined in the Curriculum Framework will “walk” at graduation with a cord representing the School of Study. Each of the Schools of Study will have a separate color. Students may be completers in more than one major in a cluster, or more than one major in multiple clusters and may wear cords accordingly. Senior transcripts and Individual Graduation plans will be reviewed to identify qualifying students.
2019-2020 WANDO HIGH SCHOOL CURRICULUM FRAMEWORK

SCHOOL OF ARTS AND HUMANITIES

**Arts, A/V Technology & Communications Cluster**
- Advanced Placement
- Arts and Architecture
- English
- Journalism and Mass Communication
- Media Technology
- Performing Arts
- Visual Arts
- World Languages

**Education and Training Cluster**
- Teaching and Training

SCHOOL OF BUSINESS AND INFORMATION SYSTEMS

**Business Management and Administration Cluster**
- Business Information Management
- General Management
- Operations Management

**Finance Cluster**
- Accounting
- Business Finance
- Securities and Investments

**Hospitality and Tourism Cluster**
- Culinary Arts Management
- Hospitality and Tourism Management

**Information Technology Cluster**
- Information Support and Services
- Networking Systems
- Web and Digital Communications

**Marketing Cluster**
- Marketing Communications
- Marketing Management
- Real Estate
SCHOOL OF MATHEMATICS, SCIENCE AND ENGINEERING

Agriculture, Food & Natural Resources Cluster
   Ecology
   Horticulture

Manufacturing Cluster
   Advanced Manufacturing

Science, Technology, Engineering & Mathematics Cluster
   Computer and Information Systems Security/Information Assurance
   Engineering (PLTW)
   Mathematics
   Science

Transportation, Distribution & Logistics Cluster
   Automotive Technology

SCHOOL OF HEALTH, HUMAN AND PUBLIC SERVICES

Government & Public Administration Cluster
   Military Leadership
   Public Service and Administration

Health Science Cluster
   Biomedical Science (PLTW)
   Biotechnology, Medical Science and Research
   Health Science
   Sports Medicine

Human Services Cluster
   Cosmetology
   Early Care and Education

Law, Public Safety, Corrections & Security Cluster
   Law and Legal Services
MAJORS

SCHOOL OF ARTS AND HUMANITIES

Arts, A/V Technology & Communications Cluster

Major: Advanced Placement (minimum of four credits required)

Any four Advanced Placement courses

Major: Arts and Architecture (minimum of four credits required)

Required Courses:
  Art 1
  Art 2

Additional Approved Courses:
  PLTW Civil Engineering and Architecture
  PLTW Introduction to Engineering Design

Major: English (minimum of four credits required)

Advanced Placement English Language and Composition
Advanced Placement English Literature and Composition
Creative Writing 1
Creative Writing 2
English Composition I, ENG 101 (Dual Credit)
English Composition II, ENG 102 (Dual Credit)
Journalism (one credit only)
Newspaper Production
Newspaper Production 2
Speech
**Major: Journalism and Mass Communication** (minimum of four credits required)

- Advanced Placement English Language and Composition
- Advanced Placement English Literature and Composition
- Digital Publication Design
- English Composition I, ENG 101 (Dual Credit)
- English Composition II, ENG 102 (Dual Credit)
- Integrated Business Applications 1
- Journalism
- Media Technology 1
- Media Technology 2
- Media Technology 3
- Media Technology 4
- Newspaper Production
- Newspaper Production 2
- Photography 1
- Photography 2
- Speech
- Yearbook Production
- Yearbook Production 2

**Major: Media Technology** (minimum of four credits required)

- Media Technology 1
- Media Technology 2
- Media Technology 3
- Media Technology 4

**Major: Performing Arts** (minimum of four credits required)

- Advanced Placement Music Theory
- Band courses
- Chorus courses
- Dance courses
- Guitar 1
- Orchestra courses
- Theatre courses
**Major: Visual Arts** (minimum of four credits required)

**Required Course:**
- Art 1

**Additional Approved Courses:**
- Advanced Placement Art History
- Advanced Placement Studio Art: Drawing
- Advanced Placement Studio Art: Three-Dimensional Design
- Advanced Placement Studio Art: Two-Dimensional Design
- Art 2
- Art 3
- Art 4
- Fundamentals of Web Page Design and Development
- Media Arts
- Photography 1
- Photography 2

**Major: World Languages** (minimum of four credits required)

French 2, 3, 4, 5, AP French

OR

German 2, 3, 4

OR

Spanish 2, 3, 4, 5, AP Spanish

OR

Latin 2, 3, 4, AP Latin

OR

Levels 2, 3 of one language and Levels 1, 2 or another language

OR

Levels 2, 3, 4 of one language and Level 1 of another language

**Education & Training Cluster**

**Major: Teaching and Training** (minimum of four credits required)

Advanced Placement course of choice related to college major
- Advanced Placement Psychology**
- Psychology**
- Sociology
- Speech
- Teacher Cadet
- Work-based credit

**Only one Psychology course may be used toward completer status**
SCHOOL OF BUSINESS AND INFORMATION SYSTEMS

Business Management & Administration Cluster

Major: Business Information Management (minimum of three credits required)

Required Courses:
- Digital Publication Design
- Image Editing 1

Additional Approved Courses:
- Accounting 1
- Entrepreneurship
- Foundations of Animation
- Fundamentals of Web Page Design and Development
- Integrated Business Applications 1

Major: General Management (minimum of three credits required)

Required Courses:
- Accounting 1
- Entrepreneurship

Additional Approved Courses:
- Accounting 2
- Business Law
- Fundamentals of Web Page Design and Development
- Integrated Business Applications 1
- Marketing
- Virtual Enterprise 1

Major: Operations Management (minimum of three credits required)

Required Courses:
- Virtual Enterprise 1
- Virtual Enterprise 2

Additional Approved Courses:
- Accounting 1
- Business Law
- Entrepreneurship
- Integrated Business Applications 1
- Virtual Enterprise 3
- Virtual Enterprise 4
Finance Cluster

Major: Accounting (minimum of three credits required)

Required Courses:
Accounting 1
Accounting 2

Additional Approved Courses:
Business Finance
Entrepreneurship
Integrated Business Applications 1
Personal Finance

Major: Business Finance (minimum of three credits required)

Required Courses:
Accounting 1
Business Finance

Additional Approved Courses:
Accounting 2
Business Law
Entrepreneurship
Integrated Business Applications 1
Marketing
Personal Finance
Securities and Investments

Major: Securities and Investments (minimum of three credits required)

Required Courses:
Business Finance
Securities and Investments

Additional Approved Courses:
Business Law
Entrepreneurship
Integrated Business Applications 1
Personal Finance
Hospitality and Tourism Cluster

Major: Culinary Arts Management (minimum of three credits required)

Required Courses:
- Culinary Arts Management 1
- Culinary Arts Management 2

Additional Approved Courses:
- Entrepreneurship
- Event and Entertainment Management
- Introduction to Hospitality and Tourism Management

Major: Hospitality and Tourism Management (minimum of three credits required)

Required Courses:
- Introduction to Hospitality and Tourism Management

Select two of the courses listed below for Completer Status:
- Event and Entertainment Management
- Lodging Management
- Travel and Tourism Management

Information Technology Cluster

Major: Information Support and Services (minimum of three credits required)

Required Courses:
- Computer Repair and Service
- Advanced Computer Repair and Service

Additional Approved Courses:
- Entrepreneurship
- Fundamentals of Computing

Major: Networking Services (minimum of three credits required)

Required Courses:
- Networking Fundamentals
- Advanced Networking

Additional Approved Courses:
- Entrepreneurship
- Fundamentals of Computing
**Major: Web and Digital Communications** (minimum of three credits required)

**Required Courses:**
- Fundamentals of Web Page Design
- Advanced Web Page Design and Development

**Additional Approved Courses:**
- Cyber Security Fundamentals
- Digital Publication Design
- Digital Media Marketing
- Foundations of Animation
- Fundamentals of Computing
- Image Editing

**Marketing Cluster**

**Major: Marketing Communications** (minimum of three credits required)

**Required Courses:**
- Digital Media Marketing
- Marketing

**Additional Approved Courses:**
- Cyber Security Fundamentals
- Entrepreneurship
- Fundamentals of Web Page Design and Development
- Image Editing
- Integrated Business Applications 1
- Virtual Enterprise 1

**Major: Marketing Management** (minimum of three credits required)

**Required Courses:**
- Marketing
- Marketing Management

**Additional Approved Courses:**
- Accounting 1
- Business Finance
- Business Law
- Entrepreneurship
- Event and Entertainment Management
- Travel and Tourism Management
**Major: Real Estate** (minimum of three credits required)

**Required Courses:**
- Marketing
- Real Estate

**Additional Approved Courses:**
- Business Finance
- Business Law
- Entrepreneurship
SCHOOL OF MATHEMATICS, SCIENCE AND ENGINEERING

Agriculture, Food & Natural Resources Cluster

Major: Ecology (minimum of four credits required)

- Advanced Placement Environmental Science
- Environmental Science
- Integrated Business Applications 1
- Marine Science
- Wildlife Biology and Management Techniques

Major: Horticulture (minimum of four credits required)

- Introduction to Horticulture
- Equipment Operation and Maintenance
- Landscape Technology
- Nursery, Greenhouse, and Garden Center Technology
- Turf and Lawn Maintenance

Manufacturing Cluster

Major: Advanced Manufacturing (minimum of four credits required)

Required Courses:
- PLTW Introduction to Engineering Design
- PLTW Principles of Engineering

Additional Approved Courses (Apprenticeships):
- Mechatronics 1
- Mechatronics 2
Science, Technology, Engineering & Mathematics Cluster

Major: Computer and Information Systems Security/Information Assurance
(minimum of four credits required)

Required Courses:
Cyber Security Fundamentals
Advanced Cyber Security

Additional Approved Courses:
Fundamentals of Computing
Networking Fundamentals
Advanced Networking

Major: Engineering (PLTW) (minimum of four credits required)

Required Courses:
PLTW Introduction to Engineering Design
PLTW Principles of Engineering

Additional Approved Courses:
PLTW Aerospace Engineering
PLTW Civil Engineering and Architecture
PLTW Computer Integrated Manufacturing
PLTW Digital Electronics
PLTW Engineering Design and Development
PLTW Environmental Sustainability

Major: Mathematics (minimum of four credits required)

Required Courses:
Honors or Advanced Placement Calculus
Pre-Calculus

Additional Approved Courses:
Accounting 2
Advanced Placement Computer Science A
Advanced Placement Physics
Advanced Placement Statistics
College Algebra, MAT 110 (Dual Credit)
Physics
Probability and Statistics
Probability and Statistics, MAT 120 (Dual Credit)
**Major: Science** (minimum of four credits required)

- Advanced Placement Biology
- Advanced Placement Chemistry
- Advanced Placement Environmental Science
- Advanced Placement Physics
- Anatomy and Physiology
- Anatomy and Physiology I, BIO 210 (Dual Credit)
- Anatomy and Physiology II, BIO 211 (Dual Credit)
- Astronomy
- Biology 2
- Chemistry 2
- Environmental Science
- Marine Science
- Physics
- Wildlife Biology and Management Techniques

**Transportation, Distribution & Logistics Cluster**

**Major: Automotive Technology** (minimum of four credits required)

- Introduction to Transportation, Distribution, and Logistics
- Automotive Technology 1
- Automotive Technology 2
- Automotive Technology 3
SCHOOL OF HEALTH, HUMAN AND PUBLIC SERVICES

Government & Public Administration Cluster

Major: Military Leadership (minimum of four credits)

- Aerospace Science 1 (JROTC)
- Aerospace Science 2 (JROTC)
- Aerospace Science 3 (JROTC)
- Aerospace Science 4 (JROTC)

Major: Public Service and Administration (minimum of four credits)

- Advanced Placement European History
- Advanced Placement Human Geography
- Advanced Placement Microeconomics*
- Advanced Placement Psychology
- Advanced Placement U. S. Government and Politics*
- Advanced Placement U. S. History*
- Advanced Placement World History
- American Government, PSC 201 (Dual Credit)*
- Macroeconomics, ECO 210 (Dual Credit)*
- Psychology
- Sociology

Health Science Cluster

Major: Biomedical Science (minimum of three credits required)

Required Courses:
- PLTW Human Body Systems
- PLTW Principles of Biomedical Science

Additional Approved Courses:
- PLTW Medical Interventions
- Medical Terminology

*If not used as one of the social studies units required for graduation
**Major: Biotechnology, Medical Science and Research** (minimum of four credits)

- Advanced Placement Biology
- Advanced Placement Chemistry
- Advanced Placement Physics
- Anatomy and Physiology
- Anatomy and Physiology I, BIO 210 (Dual Credit)
- Anatomy and Physiology II, BIO 211 (Dual Credit)
- Biology 2
- Chemistry 2
- PLTW Environmental Sustainability
- Health Science 1
- Health Science 2
- Medical Terminology

**Major: Health Science** (minimum of three credits required)

**Required Courses:**
- Health Science 1
- Health Science 2

**Additional Approved Courses:**
- PLTW Human Body Systems
- Medical Terminology

**Major: Sports Medicine** (minimum of three credits required)

**Required Courses:**
- Sports Medicine 1
- Sports Medicine 2

**Additional Approved Courses:**
- Medical Terminology

Any student that is a successful completer by the end of their junior year or first semester senior year, or have met all the prerequisites, may apply for the following senior level courses that include an industry certification.

**Pharmacology for Medical Careers – Pharmacy Technician**  
Prerequisite: Completer in any three unit pathway

**Health Science Clinical Study – Certified Nursing Assistant - CNA**  
Course Sequence:
- Health Science 1 (Grade of 75 or above)
- Health Science 2 (Grade of 75 or above)
- Medical Terminology, Human Body Systems, Anatomy and Physiology, or AP Biology
- Health Science Clinical Study: Certified Nursing Assistant – CAN
Human Services Cluster

Major: **Cosmetology** (minimum of four credits)

- Cosmetology 1 (2 units)
- Cosmetology 2 (2 units)
- Cosmetology 3 (2 units)
- Cosmetology 4 (2 units)

Major: **Early Care and Education** (minimum of four credits)

- Accounting 1
- Advanced Placement Psychology**
- Business Finance
- Business Law
- English elective
- Entrepreneurship
- Marketing
- Math elective
- Science elective
- Psychology**
- Sociology
- Teacher Cadet

Law, Public Safety, Corrections & Security Cluster

Major: **Law and Legal Services** (minimum of four credits)

- Advanced Placement English***
- Advanced Placement Psychology**
- Advanced Placement U. S. Government and Politics*
- Business Law
- Integrated Business Applications 1
- Psychology**
- Sociology
- Speech

*If not used as one of the social studies units required for graduation
**Only one Psychology course may be used toward completer status
***If not being used as a graduation credit
Dual credit courses, whether they are taken at the school where the student is enrolled or at a postsecondary institution, are those courses for which the student has been granted permission by his or her home school to earn both Carnegie units and college credit. Students must have prior permission from the principal to enroll for dual credit and meet the requirements specified by the college. Courses taken through dual credit enrollment will be included in the student’s GPA/rank and weighted as Dual Credit/Advanced Placement/International Baccalaureate in accordance with the South Carolina Uniform Grading Policy.

Students who have lived in South Carolina for at least one year and take a minimum of two courses (six hours) per semester will qualify for financial assistance through the South Carolina Lottery Tuition Assistance Program. Students who have lived in South Carolina for less than one year are not considered South Carolina residents which is a requirement in order to receive State Lottery assistance.

A three-hour credit college course transfers as one high school unit of credit. Tuition, books, and any other college course fees shall be at the expense of the student or his/her parents or legal guardians. Approximate costs based on the 2018-2019 tuition rates (subject to change for 2019-2020) are as follows:

- A three-hour course will be $550.
- Two three-hour courses is $480.
- The cost of 12 hours per semester is approximately $960 (after lottery assistance).

Students who qualify for free or reduced lunch may qualify for a need-based scholarship to assist with tuition and textbooks. These students must take a minimum of two courses (six hours) per semester and maintain a college GPA of 2.0 or higher to continue receiving assistance. Need-based scholarships include all tuition and fees and a $50 credit per course towards textbook costs.

A minimum of 15 students must register in order for a dual credit class to be taught at Wando during the school day. Some courses may be offered in late afternoon and evening sessions or
at other Trident Technical College (TTC) campuses. Students who wish to enroll in a TTC course taught at Wando must complete an application packet and return it to the Guidance Office before they will be registered for the course. These application packets will be available during student registration. Students who successfully complete dual credit courses should submit an official transcript request through their my.tridenttech.edu portal account or an Official Transcript Request Form and applicable fees to the Registrar’s Office in order to have TTC transcripts sent to the receiving college or university. For information regarding official transcripts, students should contact the Registrar’s Office at 843-574-6324.

BIO 210: Anatomy and Physiology I

**Prerequisites:** SAT - Evidence-based Reading/Writing 530
ACT - English 19
High school Biology or Chemistry
Accuplacer - Reading 71

**Credit:** College - 4 hours
High School - 1 unit

The first part of a two-semester sequence, this comprehensive transfer course is a lecture and laboratory study with model and specimen dissections of the integrated structure and function of the human body. Basic cellular chemistry and the integumentary, skeletal, muscular, nervous and endocrine systems are presented. Cytology and histology are emphasized.

BIO 211: Anatomy and Physiology II

**Prerequisites:** Successful completion of BIO 210 with a grade of C or higher

**Credit:** College - 4 hours
High School - 1 unit

This course is a continuation of BIO 210 and includes the study of blood, circulatory, lymphatic, respiratory, digestive, urinary and reproductive systems. Special senses, development, and inheritance are presented also.
ECO 210: Macroeconomics

Prerequisites: SAT - Evidence-based Reading/Writing 530; Math 600
ACT - English 19/Math 18
Accuplacer - Reading 71/ARITH 66/EALG 83

Credit: College - 3 hours
      High School - 1 unit

This course covers the study of the fundamental principles and policies of a modern economy including markets and prices, national income accounting, cycles, employment theory and fiscal policy, banking and monetary controls, and the government’s role in economic decisions and growth. Successful completion of ECO 210 Macroeconomics and PSC 201 American Government fulfills the American Government/Economics requirement.

ENG 101: English Composition I

Prerequisites: SAT - Evidence-based Reading/Writing 530
ACT - English 19
Accuplacer - Reading 71/Sent Skills 81

Credit: College - 3 hours
      High School - 1 unit

This course is the study of composition in conjunction with appropriate literary selections, with frequent theme assignments to reinforce effective writing. It also reviews standard usage and presents basic research techniques. Successful completion of English 101 fulfills the English 4 requirement.

ENG 102: English Composition II

Prerequisites: ENG 101 with a grade of C or higher

Credit: College - 3 hours
      High School - 1 unit

This course includes the development of writing skills through logical organization, effective style, literary analysis, research and an introduction to literary genres.
MAT 110: College Algebra

Prerequisites: SAT - Evidence-based Reading/Writing 530; Math 600
ACT - English 19, Mathematics 22
Accuplacer - Reading 71/ARITH 66/EALG 107/CLM 20

Credit: College - 3 hours
High School - 1 unit

This course includes the following topics: polynomial, rational, logarithmic and exponential functions;
inequalities; systems of equations and inequalities; matrices; determinants; and solutions of higher
degree polynomials.

MAT 120: Probability and Statistics

Prerequisites: SAT - Evidence-based Reading/Writing 530; Math 600
ACT - English 19, Mathematics 18
Accuplacer - Reading 71/ARITH 66/EALG 83

Credit: College - 3 hours
High School - 1 unit

This course includes introductory probability and statistics including organization of data, sample space
concepts, random variables, counting problems, binomial and normal distributions, central limit theorem,
confidence intervals and test of hypothesis for large and small samples, type I and type II errors, linear
regression, and correlation.

MAT 155: Contemporary Mathematics

Prerequisites: SAT - Evidence-based Reading/Writing 530; Math 600
ACT - English 19, Mathematics 18
Accuplacer - Reading 71/ARITH 66/EALG 107/CLM 20

Credit: College - 3 hours
High School - 1 unit

This course includes techniques and applications of the following topics: properties of and operations
with real numbers, elementary algebra, consumer mathematics, applied geometry, measurement, graph
sketching and interpretations, and descriptive statistics. This course does not typically transfer to four
year colleges. However, it does meet the mathematics requirement for several TTC associate degree
programs.
PSC 201: American Government

Prerequisites: SAT - Evidence-based Reading/Writing 530
ACT - English 19
Accuplacer - Reading 71

Credit: College - 3 hours
High School - 1 unit

This course is a study of national government institutions with emphasis on the Constitution; the functions of the executive, legislative, and judicial branches; civil liberties; and the role of the electorate. Successful completion of PSC 201 American Government/ECO 210 Macroeconomics fulfills the United States Government/Economics requirement.

SPC 205: Public Speaking

Prerequisites: ENG 101 with a grade of C or higher
or
SAT - Evidence-based Reading/Writing 530
ACT - English 19
Classic Accuplacer - Reading 71/Sent Skills 81
Next Generation Accuplacer – Reading 237/Writing 237

Credit: College - 3 hours
High School - 1 unit

This course introduces the principles of public speaking with the application of speaking skills in varied communication situations. Emphasis is placed on content and organization in the development and delivery of oral messages.

South Carolina public two and four year colleges and universities have a list of courses that are transferable within the state public college system. Please use SC TRAC (South Carolina Transfer and Articulation Center), https://www.sctrac.org/, to determine which courses will transfer. Students should verify the course they choose is a part of their college major or can be counted as an elective credit. Some courses may count towards degrees at Trident Technical College but not be transferable to all South Carolina public and private colleges and universities or out-of-state colleges and universities. Students should check with the college they plan to attend to see if their courses will be accepted for college credit. Students needing assistance with this may contact the Trident Technical College Division of School and Community Initiatives at 843-574-6061.
Teacher Cadet
Grades 11 and 12

570500EW  1 unit

Prerequisites: Teacher recommendation, interview, selection process, and overall average no less than an 85
Credit: College - 3 hours; High School - 1 unit
Requirement: $25 fee for supplies

This dual credit course is considered an introduction or orientation to the teaching profession. Its main purpose is to encourage students who possess a high level of academic achievement and the personality traits found in good teachers to consider teaching as a career. An important secondary goal of the program is to provide these talented future community leaders with insights about schools even if they do not select teaching as their career choice. Students are exposed to teaching careers and the educational system through class discussion, observations, participation in public school classrooms, and interactions with administrators and teachers. Students must be willing to spend time in area middle and elementary schools and may be required to provide their own transportation. Teacher Cadets are expected to be exemplary students and should have no major disciplinary referrals during the school year. Students who do not meet this high standard may be dropped from this class. The College of Charleston is the college sponsor for Wando High School and has waived the college fee.