RICHLAND ONE

ENGAGE • EDUCATE • EMPOWER

High School Course Catalog

Updated 3/10/2020 (3)

This course catalog is provided as information for students, parents, and District staff who are involved in planning programs studies for students. The District does not warrant that this course catalog is free of errors or omissions. The District reserves the right to correct errors or omissions in this catalog at the time the errors or omissions are discovered and to adjust school and student records, including grade reports, transcripts, and the calculation of student grade point averages and ranks in class, to reflect those corrections. Use of this course catalog does not create or constitute a contract between any user and the District.
August 30, 2017

Changes to the Document by Date

Date		Description of Change
1/3/2019		Conversion to 2019-2020; formatting headers for sections and subsections; Animal Science 2, CDL 2, PE/Band; Computer Sci requirements, Board members
1/4/2019		Add Appendix B (Courses that meet Computer Science graduation requirement
2/17/2019		Add Appendix D (Future Ready: CATE Clusters and Majors);
2/17/2019		Update Appendix F (CATE CCR templates; non-CCR templates)
2/19/2019		Formatting updates
2/20/2019		Formatting fonts and paragraphs
2/21/2019		Paragraph spacing and formatting
2/23/2019		Edits to narrative content; addition and deletion of selected courses
2/27/2019		Edits to course descriptions; addition and deletion of selected courses
2/28/2019		Review and edits; update appendices
3/2/2019		Curriculum review; CATE and AAP course updates; re-sort appendices; update curriculum framework; update cover page
3/3/2019		Review and finalize edits; request additional course codes from SCDE; post to website
3/4/2019		Spanish 4 Honors VSP changed to 365489HW; 4-year college requirements updated
3/6/2019		PLTW course weightings updated
3/11/2019		Change course code for Emergency and Fire Management
3/15/2019		PLTW honors weighting edited
3/19/2019		Change course code for PLTW Principals of Biomedical Sciences
3/23/2019		Added several introductory CATE courses at Heyward; removed some CATE courses at Heyward
3/25/2019		Added several school-based CATE courses; removed several school-based CATE courses; update table of contents
4/1/2019		Correct PE requirement on p. 6
4/8/2019		Corrected error in Diesel Technology 3
5/24/2019		Clarification to credit recovery options
6/11/2019		Added Flora to 605100HW and 605001HW; course code for IB Dance HL; Spanish 2 VSP; added AP US History VSP
6/13/2019		Changed course number for Marching Band with PE
7/15/2019		Added Discovering Computer Science to CATE listings
7/17/2019		CDL course codes updated; course codes and course titles corrected to match ACS
7/19/2019		Revise language in narrative; update English 1/English 2 end-of-course exam requirements; change intervention labs location in MCC
7/22/2019		Added several IB courses, one AP course
7/30/2019		Change course codes for Sports Medicine 2 and 3 (Heyward); update principals' names
8/16/2019		Update Appendix G regarding FAFSA
8/20/2019		Update CATE course information
8/22/2019		Add SAT Math (1/2 credit) as elective
8/30/2019		JAG courses added to electives
10/29/2019		Added LBA course Critical Reading 2
1/22/2020		Update Board member names
3/10/2020		Add 502500CW (IT Fundamentals) for ROMC.

DISTRICT INFORMATION

Richland County School District One
1616 Richland Street
Columbia, SC 29201
Telephone (803) 231-7000
Fax (803) 231-7417
www.richlandone.org

Board of School Commissioners
Mr. Jamie Devine, Chairman, (803) 231-6985
Mr. Aaron Bishop, Vice Chairman, (803) 231-6984
Ms. Lila Anna Sauls, Secretary-Treasurer, (803) 231-7562
Ms. Cheryl Harris, Parliamentarian, (803) 231-6981
Ms. Yolanda Anderson, (803) 231-6987
Ms. Beatrice King, (803) 231-6986
Mr. Jonathan Milling, (803) 231-7561

Superintendent
Dr. Craig Witherspoon • (803) 231-7500

High Schools

A.C. Flora High School
1 Falcon Drive
Columbia, SC 29204
Telephone (803) 738-7300
Fax (803) 738-7307
Susan Childs, Principal

C.A. Johnson High School
2219 Barhamville Road
Columbia, SC 29204
Telephone (803) 253-7092
Fax (803) 929-3877
Dr. Veronica Scott, Principal

Columbia High School
1701 Westchester Drive
Columbia, SC 29210
Telephone (803) 731-8950
Fax (803) 731-8953
Craig Washington, Principal

Dreher High School
3319 Millwood Avenue
Columbia, SC 29205
Telephone (803) 253-7000
Fax (803) 253-7007
Kevin Hasinger, Principal

Eau Claire High School
400 Monticello Road
Columbia, SC 29203
Telephone (803) 735-7600
Fax (803) 735-7629
Neshunda Walters, Principal

Keenan High School
361 Pisgah Church Road
Columbia, SC 29203
Telephone (803) 714-2500
Fax (803) 714-2593
Vondre' Whaley, Principal

Lower Richland High School
2615 Lower Richland Blvd.
Hopkins, SC 29061
Telephone (803) 695-3000
Fax (803) 695-3062
Dr. Ericka Hursey, Principal

Heyward Career & Technology Center
3560 Lynhaven Drive
Columbia, SC 29204
Telephone (803) 735-3343
Fax (803) 691-4253
Dr. Sherry Rivers, Principal

Olympia Learning Center
621 Bluff Road
Columbia SC 29201
Telephone (803) 400-1650
Fax (803) 400-1700
Nathan White, Principal

DISTRICT OVERVIEW

Richland County School District One seeks to offer our students educational opportunities in a personalized environment that promotes learning. The goal of the district is to prepare students for 21st century and life-long learning. In order to accomplish this goal, Richland County School District One provides a challenging and relevant curriculum. The curriculum includes clusters of study, majors and an IGP Success Planner. Clusters of study reflect a broad grouping of occupations and industries that are further defined into career pathways. Career pathways include a number of majors, which are designed to focus on an area of interest. Students are never locked into a specific cluster, pathway, or major. An IGP Success Planner is designed in consideration of success with prior coursework, assessments, and teacher recommendations in mind.

MISSION STATEMENT

We are Richland One, a leader in transforming lives through education, empowering all students to achieve their potential and dreams.

STRATEGIC OBJECTIVES

- Students will master numeracy and literacy skills.
- Students will demonstrate higher order thinking, social skills, and character traits necessary to be contributing citizens in a global society.
- As life-long learners, students will be empowered to continue exploring their interests and passion.

TABLE OF CONTENTS

SOUTH CAROLINA HIGH SCHOOL DIPLOMA REQUIREMENTS

To be eligible to receive a state high school diploma, students must be actively enrolled at the high school issuing the diploma a semester prior to the graduation date except in the case of a bona fide change of residence. Based on State Law, requirements to receive a South Carolina High School Diploma (graduation requirements) for students in grades 9 - 12 are prescribed as follows:

English/Language Arts	4 units
Mathematics	4 units
Science	3 units
United States History and Constitution	1 unit
Economics	½ unit
United States Government	½ unit
Other Social Studies Elective	1 unit
Physical Education, Junior ROTC, Marching Band with Physical Education	1 unit
Computer Science	1 unit
World Language	
OR	1 unit
Career and Technical Education	
TOTAL CORE UNITS	17 UNITS
Electives:	7 units
(Includes Comprehensive Health Education Requirements)	
TOTAL UNITS	24 UNITS

- All students must take End-of-Course Examinations in order to meet graduation requirements set by the State Board of Education.

- All students must earn one unit of credit in computer science. Beginning with the 2018-2019 school year, Keyboarding will not meet the computer science requirement. Keyboarding credits earned before 2018-2019 will meet the requirement. A unit of credit applied toward the computer science requirement may not be used to meet the mathematics requirements or the Career and Technology Education requirements.

- All students must meet the minimum graduation requirement of one world language or one unit in Career and Technology Education (CATE). All students planning to attend a four-year college or university are required to take two units of the same world language. Some colleges or universities require three units of the same world language.

- A half unit of study that meets the Comprehensive Health Education requirements must include a course completed in Personal Health and Wellness (340200CH).

- One unit of fine arts, found in the "Visual and Performing Arts" section, is required as a pre-condition of admission for students planning to attend a public four-year college or university.

- Students are encouraged to exceed the minimum number of credits for graduation and take advantage of the many opportunities provided in each high school. Relevant curricular choices in the elective areas will prepare each student for postsecondary educational opportunities after graduation.

SOUTH CAROLINA EMPLOYABILITY CERTIFICATE REQUIREMENTS

The Employability Credential is designed for students with disabilities for whom the IEP team determines mastery of a career-based educational program (that includes academics, independent work experience, daily living skills, and self-determination skill competencies) is the most appropriate way for a student to demonstrate his or her skills and provide a free appropriate public education (FAPE).

To attain the Employability Credential, the student must meet the graduation requirements of one unit of physical education/health (or equivalent) and one unit of technology course; adhere to the local attendance policy; and a total of 24 earned units that include the following:

- English Language Arts 4 units
- Mathematics 4 units
- Science 2 units
- Social Studies 2 units
- Employability Education 4 units
- Electives 6 units

Coursework in the four core areas (English Language Arts, Mathematics, Science, and Social Studies) must meet South Carolina College- and Career-Ready Standards.

In addition to completing coursework outlined above, to receive an Employability Credential, a student must:

1. Complete a career portfolio that includes a multimedia presentation project;
2. Obtain work readiness assessment results that demonstrate the student is ready for competitive employment; and
3. Complete work-based learning/training that totals at least 360 hours, in which:
   a. Work-based learning/training is school-based, community-based, and/or paid or unpaid employment;
   b. Work-based learning/training is aligned with the student's interests, preferences, and postsecondary goals and individual graduation plan; and
   c. Paid employment is at a minimum wage or above and in compliance with the requirements of the Federal Fair Labor Standards Act.

COMMENCEMENT EXERCISES

Only those students who pass all the units required for a diploma or certificate may participate in the commencement exercise held at the end of the school year.

GRADE CLASSIFICATION

Grade classification is determined only at the beginning of the school year. In order to comply with state law and ensure continuous and appropriate progress through Grades 9-12, the Richland County School District One Board of Commissioners has established Administrative Rule IKE-R attached to the

district Promotion and Retention Policy. Students are promoted or retained in grade classification based on these criteria:

GRADE 9
Grade classification as a ninth-grade student is determined by the eighth-grade promotion standards.

GRADE 10
Grade classification as a tenth-grade student requires the completion of six units to include:

English 1	(1 unit)
Mathematics	(1 unit)
Additional Credits	(4 units)

GRADE 11
Grade classification as an eleventh-grade student requires the completion of twelve units to include:

English 1 and 2	(2 units)
Mathematics	(2 units)
Science	(1 unit)
Social Studies	(1 unit)
Additional Credits	(6 units)

GRADE 12
Grade classification as a twelfth-grade student requires the completion of eighteen units to include:

English 1, 2, and 3	(3 units)
Mathematics	(3 units)
Science	(2 units)
Social Studies	(2 units)
Additional Credits	(8 units)

If a student has sixteen units and is enrolled in coursework which would allow him/her to complete the twenty-four units needed for a South Carolina High School Diploma within the school year, the student will be eligible to participate in senior activities and events. However, participating in senior activities and events is not a guarantee that graduation requirements will be met successfully.

HONOR GRADUATES

Students with outstanding academic performance will be recognized as honor graduates with one of the following accolades:

- Valedictorian – The student(s) of the graduating class with the highest Grade Point Average (GPA).
- Salutatorian – The student(s) of the graduating class with the second highest Grade Point Average (GPA).

In a case of more than one student having the highest or second highest grade point average, multiple valedictorians or salutatorians may be declared and no attempt will be made to break ties. If there are multiple valedictorians, commencement speeches will be given by the valedictorians.

HIGH SCHOOL SCHOLARS DIPLOMA PATHWAY

Any rising 9th or 10th grade student, who has the ability and desire for excellence in academics and to contribute meaningfully to the school may apply. To earn a special diploma distinction, a 4.0 grade point average (GPA) in HW, AW, IW, or EW courses must be maintained throughout their high school experience. No grade below a "C" will be accepted. When computing the GPA for High School Scholars, HW, AW, IW or EW will be given the same weight towards the 20-unit requirement (4 English, 4 Math, 4 Science, 4 Social Studies, and 3 World Languages). One unit of PE/JROTC/Marching Band, along with 10 units of electives is also required). Students must also earn 8 points (minimum) for extracurricular activities. These points may be earned through school activities, sports, or community service. If students participate in some activities not included in the point system, they have the right to present them to the school counselor to determine whether these activities can count towards the extracurricular requirements. The activities that are submitted for extracurricular points should be verified by the appropriate sponsor, instructor, coach, etc., and submitted to the school's HSS contact person by March 1st of each year. Seniors must submit their extracurricular points no later than the end of the first semester of their senior year. All High School Scholars are automatically named Academic All-Stars.

ACADEMIC ALL-STAR

This program recognizes high school seniors in the District who have achieved academic excellence. To qualify as an Academic All-Star, students must be ranked in the top 10% of their high school's senior class and have at least a 3.5 grade point average (GPA). All honorees must be candidates for graduation in the spring of their junior year. Students who are ranked in the top 10% of their senior class but do not have at least a 3.5 GPA are ineligible. No grade below a "C" will be accepted. Selection is made based upon the students' academic standing at the end of the first semester of their senior year.

INTERSCHOLASTIC ACTIVITIES

Interscholastic Competitive (Co-Curricular) activities are school-sponsored activities that result in the presentation of a rating, trophy, or award. Visual and performing arts students participating in graded experiences outside of class are not included.

A student must not have received a high school diploma in order to be eligible to participate. Additionally, if a student turns 19 years of age before July 1 of the upcoming school year he/she is not eligible.

Specific requirements for academic eligibility are as follows:

1. To participate in interscholastic activities, students in grades six through twelve must have a 2.00 Grade Point Average (GPA/70) in all courses in which the student was enrolled in the proceeding semester.
2. Students must satisfy eligibility requirements in the semester preceding participation.
   a. First semester eligibility is determined by using the final grades earned during the previous year.
   b. Credits earned in a summer school approved by the South Carolina Department of Education may apply to first semester eligibility. A maximum of two courses per year may be used.
   c. Second semester eligibility is determined by using first semester grades.
3. Special Education students:
   a. A student identified as special needs and served in a non-diploma program shall be considered eligible for participation in interscholastic activities if he/she is successfully meeting the requirements of his/her Individual Evaluation Plan (IEP).
   b. Students identified as special needs and who are being served in a program leading to a state high school diploma must meet all eligibility requirements previously stated for participation in interscholastic activities.
4. Terms defined:
   a. Course — any approved course of instruction in the secondary curriculum, required or elective, for which

one unit of credit or its equivalent is awarded on a yearly basis or one-half unit of credit or its equivalent is awarded on a semester basis. If more than one unit of credit is awarded on a yearly basis in a particular course, this subject shall count as more than one course.

b. Academic Course — those courses of instruction for which credit toward high school graduation is given. These may include required courses or approved electives.
c. Required Courses — courses specifically mandated for a high school diploma. Credit courses used for eligibility purposes must be courses that are applicable as credit toward a South Carolina High School Diploma. A student may also use college credit courses provided the student has met or is meeting all requirements for graduation.

Academic deficiencies may not be made up through enrollment in extension or correspondence schools or adult education programs.

HONORS COURSES

Honors courses, which extend and deepen the opportunities provided by courses at the high school level, are designed for students exhibiting superior abilities in the particular content area. The honors curriculum places emphasis on critical and analytical thinking, rational decision-making, and inductive and deductive reasoning.

Honors courses may be offered in English, mathematics, science, and social studies. Honors weighting is one half of a quality point (.5) higher in weighting than college preparatory (CP) courses. Honors weighting may be designated in other content areas for the third and fourth level of the courses, provided that the courses meet the standard criteria for an honor level course Beginning in 2017-2018, all new course assigned honors weight must meet the criteria of the South Carolina honors framework. Honors weighting may not be designated in any physical education courses.

All courses receiving honors weight from in-state and out-of-state public schools must be transcribed at honors weight even if the same honors course is not offered at the receiving school.

Home school, private school, or out-of-state non-public charter school students shall have the opportunity to provide evidence of work to be considered for honors weighting when transferring to a public school. The district shall have the right to evaluate evidence provided by the parent or student before transcribing the course(s) at honors weight. The receiving school may use the SC Honors Framework criteria to evaluate such evidence. The receiving school makes the final decision on whether to award the honors weighting.

DUAL ENROLLMENT COURSES

Dual enrollment 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 high school units of credit and college credit. One quality point may be added to the CP weighting for dual enrollment courses that are applicable to baccalaureate degrees, associate degrees, or certification programs that lead to an industry credential offered by accredited institutions per established district articulation agreements (see SBE Regulation 43-234, Defined Program, Grades 9–12, and Regulation 43-259, Graduation Requirements).

Permission must be granted by the student's home high school prior to the student's taking the dual enrollment course to earn both a unit for high school credit and college credit. Students taking dual enrollment courses are building two transcripts: the institution of higher education (IHE) transcript and the high school transcript. For example, if a student receives a final numeric grade of 92 in a dual enrollment course, the final numerical average should be transcribed on the high school transcript and correlated to the high school GPA quality points associated with that numerical average. The IHE GPA quality points for the college transcript may be different for the same numerical grade in the course when the IHE rules regarding quality points on the college transcript differ.

Dual enrollment courses taken in South Carolina may earn 1.0 quality point weighting above CP pending the district's articulation agreement with the institution. All dual enrollment courses earned in South Carolina should be transcribed with the 1.0 quality point weight when the student transfers to a new school. Dual enrollment courses earned out of state may or may not carry quality point weightings. When a student transfers, the weight applied at the sending institution according to that state's regulations will be applied on the transcript in the receiving South Carolina high school. A high school should NOT change the weight of a dual enrollment course to match South Carolina's process when they transcribe the course.

ADVANCED PLACEMENT AND INTERNATIONAL BACCALAUREATE COURSES

The following criteria apply to the College Board's Advanced Placement (AP) courses and International Baccalaureate (IB) courses, which include those offered online and in other nontraditional settings and those recorded on a transcript from an out-of-state school that is accredited under the regulations of the board of education of that state or the appropriate regional accrediting agency: the New England Association of Colleges and Schools, the Middle States Association of Colleges and Schools, the Southern Association of Colleges and Schools, the Western Association of Colleges and Schools, or the Northwest Association of Colleges and School (as specified in State Board Regulation 43-273, Transfers and Withdrawals).

- Only AP or IB courses can be awarded a full quality point above the CP weighting. Seminar or support courses for AP or IB may be weighted as honors but not as AP or IB courses.
- An AP course can carry only one unit with one quality point above CP weighting.
- A standard-level (SL) IB course can carry only one unit with one quality point above CP weighting. However, two units of IB credit can be granted for higher-level (HL) courses in the IB program that require a minimum 240 hours of instruction. Each credit can earn one quality point above CP weighting.
- Students must be enrolled in the AP or IB class to be eligible to take the exam. IB students may elect to take the equivalent AP exam with prior approval from the IB Coordinator; however, the student may be required to pay the AP exam fee. Students who miss an AP or IB exam will be held responsible for the exam fee.

END-OF-COURSE EXAMINATION PROGRAM (EOCEP) COURSES

The End-of-Course Examination Program (EOCEP) is a statewide assessment program of end-of-course tests for gateway courses awarded units of credit in English/language arts, mathematics, science, and social studies. The State of South Carolina mandates an end-of-course examination after completion of Algebra 1/Intermediate Algebra, Biology 1, English 2, U. S. History and Constitution. EOCEP examination scores count 20 percent in the calculation of the student's final grade in gateway courses, with the exception of English 2 for the 2019-2020 school year. (Beginning in 2020-2021, the English 2 test will count 20 percent of the student's grade.)

Students will be allowed to take the examination only once, at the end of the regular course duration and not at the end of an extended period granted through the credit recovery option. Students who repeat the course must be treated as though they are taking the course for the first time; all requirements will apply.

VIRTUALSC

VirtualSC is a free state-sponsored online program serving students currently attending public, private and home schools in grades 7-12 and Adult Education Programs. VirtualSC offers rigorous online courses aligned to state standards that are developed and taught by highly qualified, SC licensed teachers. VirtualSC partners with schools to provide an individualized online learning solution for students on the path to high school graduation. Students should contact their school counselor for an information packet and then visit http://ed.sc.gov/.

GRADING POLICY

The modified South Carolina 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 7 point grading scale associated with the weighting of the course.

10 Point Scale	Letter grade	7 Point Scale
90-100	**A**	93-100
80-89	**B**	92-85
70-79	**C**	77-84
60-69	**D**	70-76
0-59	**F**	Below 69

Coursework completed after August 15, 2016, will be awarded quality points based on the 10-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 grade point conversion chart. No additional criteria will be used to determine quality points awarded.

COURSES CARRYING CARNEGIE UNITS

The uniform grading scale and the system for calculating GPAs and class rank will apply to all courses carrying Carnegie units, including units earned at the middle or junior high school level.

All report cards and transcripts will use numerical grades for courses carrying Carnegie units. Transcripts and reports cards will specify the course title and the level or type of course the student has taken (e.g., English 1, Algebra 2 honors, AP U.S. History). The grading scale title must be printed on the report card. All report cards and transcripts will use numerical grades for courses carrying Carnegie units.

COMPUTING GRADE POINT AVERAGES

GPAs earned by students will be calculated based on the Grading Policy in force at the time of their enrollment. Computations will not be rounded to a higher number.

Computing Grade Point Averages (CGPA)

Note: These CGPA Charts are for REFERENCE ONLY as counselors and registrars' transcript grades for courses taken prior to 2016. All South Carolina public schools will use the same formula to compute GPAs.

GPA is calculated as the sum of total quality points divided by the sum of units attempted with that answer rounded to 3 decimal places, as shown:

7-Point Scale (2009-2015)

STUDENT EXAMPLE

Course Taken	Numeric Average	Quality Points	Units
English 1	91	3.750	1.0
Algebra 1	87	3.250	1.0
Physical Science	94	4.125	1.0
World Geog H	83	3.250	1.0
Physical Education	92	3.875	0.5
French 1	84	2.875	1.0

COMPUTATION

Quality Points		Units		Quality Points
3.750	X	1.0	=	3.750
3.250	X	1.0	=	3.250
4.125	X	1.0	=	4.125
3.250	X	1.0	=	3.250
3.875	X	0.5	=	1.9375
2.875	X	1.0	=	2.875
TOTALS		**5.5**		**19.1875**

19.1875 ÷ 5.5 = 3.488636 round to 3.489

10-Point Scale (2016-present)

STUDENT EXAMPLE

Course Taken	Numeric Average	Quality Points	Units
English 1	91	4.100	1.0
Algebra 1	87	3.700	1.0
Physical Science	94	4.400	1.0
World Geog H	83	3.800	1.0
Physical Education	92	4.200	0.5
French 1	84	3.400	1.0

COMPUTATION

Quality Points		Units		Quality Points
4.100	X	1.0	=	4.100
3.700	X	1.0	=	3.700
4.400	X	1.0	=	4.400
3.800	X	1.0	=	3.800
4.200	X	0.5	=	2.100
3.400	X	1.0	=	3.400
TOTALS		**5.5**		**21.500**

21.500 ÷ 5.5 = 3.909090 rounded to 3.909

GPA computations will be rounded to the nearest thousandth of a point (see the examples above). The establishment of criteria for determining honors graduates, including the valedictorian or salutatorian, is a local decision. Local boards may establish earlier cutoffs (e.g., the seventh semester of high school, the third nine weeks of the senior year) when ranking students for any local purpose. However, class rank for LIFE Scholarships is determined at the conclusion of the spring semester of the senior year.

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, this conversion will apply: A = 95, B = 85, C = 75, D = 65, F = 50. 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 SBE Regulation 43-273 for additional information on transfers and withdrawals.

PASS (P)/FAIL (F) GRADES

If the transcript of a transferring student shows 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).

Note that "P" and "F" may be awarded to non-transfer students only for credit recovery coursework (see the section entitled Course Recovery in this catalog).

LOCAL BOARD APPROVED COURSES

Local board approved courses awarded in a district may be transcribed from the sending school to the receiving school by applying the course code that most closely aligns to the course (i.e., High School 101 from School A could be transcribed as a "social studies elective" in School B). High schools should refer to the Activity Coding System Manual for the appropriate transfer course code.

AUDITING A COURSE

Local boards may establish policy to allow a student to audit a course for no grade. The decision to audit must be made in advance of taking the course and the student must agree to follow all school and classroom attendance, behavior, participation, and course requirements. The course must be marked for "no credit" and "not included in GPA" at the student level. Students who audit a course that requires an End of Course Examination should not take the End-of-Course Examination Program (EOCEP). Districts may develop policy that students auditing an AP or IB course may take the examinations at their own expense since the state only provides funds for students formally enrolled in AP courses. Use the Activity Coding System manual for guidance on using course codes for auditing.

HOME SCHOOL GRADES

The criteria for accepting transcripts from homeschools are a local decision based on local policy. Districts may consider looking at the homeschool student's transcript with additional supporting evidence such as course syllabi, lesson plans, schedules, textbooks, or other instructional resources to validate course credits coming from homeschools. Homeschool students may have weighted course credits. If so, the district may review supporting evidence from the parent/student or the home school association to justify the weighting. The district may also apply the SC Honors Framework to the evidence provided to determine if honors weight can be transferred to the public school transcript. When a course credit coming from a homeschool has no match in the state high school Activity Coding System manual, an "elective transfer credit" in the content area may be awarded for that course.

INTERNATIONAL GRADES

The criteria for accepting international transcripts from international students are a local decision based on local policy. Where there are questions about a particular course, districts may attempt to gather as much course information from the sending school including course syllabi, standards, end of course assessment results, etc., to determine the course credits that are the best match. International students may have a course credit that is awarded at honors weight. If so, the district may review supporting evidence to justify the honors weighting. The district may also apply the SC Honors Framework to the evidence provided by the student. When a course credit coming from an international school has no match in the state Activity Coding System manual, an "elective transfer credit" in the content area may be awarded for that course. Additional guidance may be obtained from the Office of Federal and State Accountability at the SCDE on an individual basis.

WITHDRAWING FROM A COURSE

With the first day of enrollment in the course as the baseline, students who withdraw from a course within three days in a 45-day course, five days in a 90-day course, or ten days in a 180-day course will do so without penalty.

The three-, five-, and ten–day limitations for withdrawing from a course without penalty do not apply to course or course-level changes approved by the administration of a school. Students who withdraw from a course with administrative approval will be given a WP for the course. Students who withdraw from a course after the specified time of three days for a 45-day course, five days in a 90-day course, or ten days in a 180-day course without administrative approval, shall be assigned a WF, and the F (as a 50) will be calculated in the students overall grade point average. Withdrawal limitations for distance learning, dual enrollment, and virtual courses will be established by local districts in conjunction with partner institutions of higher education and VirtualSC enrollment and withdrawal deadlines.

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 polices:

- 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 of credit but will be factored into the student's GPA as a 50.

EXCESSIVE ABSENCES (FAILURE DUE TO ABSENCES)

As noted in Regulation 43-274VII (B), students with absences may make up work or demonstrate proficiency as determined by the local school district. The local school board shall develop policy on the body of evidence that is acceptable to demonstrate proficiency without requiring the student to make up seat time. If a grade of FA is assigned, it will carry no earned CP units but will be factored into the student's GPA as a 50.

LEVEL CHANGES

Level change requests are considered with a written parent request. Class availability will be factored in level change requests. Students may request a level change in core academic course 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 Honors Algebra 2 to CP Algebra 2), the weight assigned to the grade shall be the weight for which course is completed; partial weights cannot be assigned. Level changes from CP to Honors course must be completed by the end of the first grading period of a course. See Appendix I for the Grade Point Conversion Chart.

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 calculating 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).

CREDIT RECOVERY OPTIONS

The updated SC Uniform Grading Policy, issued by the South Carolina State Board of Education on September 12, 2017, defines new procedures for offering credit recovery to students. Credit recovery refers to a block of instruction that is less than the entirety of the course. Only students who have a failing grade (F) on their report card and transcript are eligible for credit recovery. Students who simply have not completed a course are not eligible for credit recovery.

Successful completion of a credit recovery course does not allow a change to the original failing grade in the course; successful completion of the credit recovery course allows only the awarding of a credit for the course. The student will still have a failing grade in the original course, which remains on the student's report card and transcript.

The student who successfully completes the credit recovery course will earn a grade of "P" in the credit recovery course as well as the earned credit. The credit recovery course will also appear on the student's report card and transcript, as required by the Uniform Grading Policy.

Credit recovery must be completed by the end of the next quarter following the term in which the original course as failed.

A student who wishes to earn a grade other than "F" in the original course must re-take the original course, in its entirety (see Retaking a Course, above). Credit recovery cannot be used to get a higher grade in the course.

CREDIT RECOVERY COURSES WITH EOCEPS

Students who are taking credit recovery for courses requiring state end-of-course examinations must take the examinations and fulfill all requirements outlined in Regulation 43-262 before they can receive credit for the course. Students will be allowed to take the end-of-course examination only once, at the end of the regular course duration and not at the end of an extended period granted through the credit recovery.

CONTENT RECOVERY

Content recovery is defined as a course-specific, skill-based learning opportunity for students who are still enrolled in the course with the original teacher of record assigned by the school.

Content recovery allows students to re-take a subset of the course including a single unit, more than one unit, or supplemental assignments/activities assigned and approved by a certified teacher as needed for student mastery of course content.

Upon satisfactory completion of all assigned work within the time allowed, the certified teacher shall include the recovered work into the final grade to arrive at a new grade for the course based on the district's policy. The district's policy will determine the maximum grade allowed for credit recovery assignments and who has the authority to make the final grade change (i.e., the teacher of record, a certified school counselor, or the school registrar).

GUIDELINES FOR REGISTERING

Freshmen, sophomores, and juniors must register for eight units of high school credit. Students must select an alternate course selection for each elective course chosen during registration. Seniors are required to enroll in at least six courses with a minimum of three courses in one term and three in the other term. Students and parents should carefully select alternatives in case the alternates replace any selected elective courses without further consultation with students or parents.

All English courses must be taken in sequence (1, 2, 3, and 4) with only one required English per year unless a course is being repeated. Selection in ninth grade mathematics is based upon the level of mathematics achieved at the end of the eighth

grade. The ninth grade science will be Biology 1, which is a gateway course that requires completion of the end-of-course examination program (EOCEP); the end-of-course exam counts 20 percent in the calculation of the student's final grade in Biology 1. Other methods for determining students' course selection include review of grades, test scores, and teacher recommendations. Students are reminded that once school begins a change in course level is granted if there is available space in the course(s). The goal is to avoid rearrangement of the entire schedule when addressing level changes.

AVAILABILITY OF CLASSES

Based on student requests, courses can be offered during registration but dropped from the master schedule dependent on student enrollment and teacher staffing. If a course is dropped from the master schedule, the selected alternates will be used to fill the student's schedule. If that alternate course is not available, the student/parent will be contacted by the school counselor to make a new selection. School counselors will make the choice for students/parents that cannot be reached.

ATTENDANCE/DENIAL OF CREDIT

The South Carolina State law requires all students who attend public school in South Carolina must be in attendance a minimum of 42 days of a 45-day course, 85 days of a 90-day course, and 170 days of a 180-day course to receive credit upon successful completion. This law is excusable only for cases of illness certified by a physician. Excuses brought in at the end of the school year to cover absences will not be accepted and students are responsible for being aware of their overall number of days, absences, and individual class absences.

If a student in grades 9-12 has more than three days unexcused from a semester course or five unexcused absences in a year-long course, the student will not receive credit for that course. Please note absences are applied to each class individually.
If a student fails a course due to excessive absences, a Frequent Absence (FA) will be recorded on his or her transcript. The grade of FA will carry no Carnegie units but will be factored into the student's GPA as a 51.

NOTES FOR ABSENCES

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. Notes for absences determine whether credit can be awarded. Physician, legal and death in the family notes are acceptable for excused absences.

INCOMPLETES

A grade of "incomplete" (I) cannot be assigned as a final grade for any grade reporting term. For information about State requirements for making up incomplete work and the grade reporting process, see the "Content Recovery" section of the State's Uniform Grading Policy.

EARLY GRADUATION

An early graduation request will be reviewed by the principal after the student and parent completes an early graduation application, which includes a written request detailing the reason for completing high school earlier than a four-year period. The request should be given to the student's school counselor for processing. If approved, the student will be eligible to participate in commencement exercises at the end of the school year of early completion. Students are encouraged to take advantage of dual enrollment and other curriculum opportunities that will better prepare them for postsecondary plans.

LATE ARRIVAL/EARLY DISMISSAL

Eligible seniors will be given the option for late arrival and early dismissal after courses for graduation requirements have been selected. Freshmen, sophomores and juniors are not eligible for late arrival or early dismissal. Late arrival or early dismissal will denied if students are not demonstrating successful progress in courses required for graduation.

SCHEDULE CHANGE REQUEST

Students should carefully select courses during the registration process including the selection of alternate courses. Student requests determine the courses that will be offered in the master schedule. Schedule change request will be accepted prior to schedule change deadline. Schools announce the schedule change deadline during registration. No preference changes are made after the schedule change deadline. Changes will be made if summer school, credit recovery and/or VirtualSC completion warrants a change.

Additionally, course changes can only be considered under the following conditions:

- The student has passed a class that is listed on the schedule.
- The student has not passed a prerequisite course for a class that is listed on the schedule.
- The student is a senior and does not have a course required for graduation listed on the schedule.
- A student requests a schedule change for health conditions. A doctor's statement must be provided prior to a change.
- A class is cancelled.

When a request is made the student will follow the original schedule until changes are approved and a new schedule is received.

SEVENTH AND EIGHTH GRADE STUDENTS EARNING HIGH SCHOOL CREDIT

When approved by the principal and the parents, a student promoted to the seventh or eighth grade who has given evidence of superior achievement or who has a special need may earn high school credit in courses identified by the district. STUDENTS MUST EARN 60 OR BETTER TO RECEIVE HIGH SCHOOL CREDIT.

The credits may be earned in the areas of computer science, English 1, mathematics (Algebra 1, Geometry), and world language. High school courses taken at the middle school level are part of the student's high school transcript and, thus, impact the student's overall high school GPA. If the student withdraws 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, s/he will not be penalized. The student will be given a WP for the course. If the student withdraws from a course after the time specified above (three days in a 45-day course, five days in a 90-day course, or ten days in a 180-day course), the student must be assigned a WF, and the F (as a 50) will be calculated in the student's overall grade point average.

Middle school students who are in EOCEP courses must, like all high school students who are in EOCEP courses, take the EOCEP exam. If they are enrolled in the course when the EOCEP is given and do not take the exam, they will earn a

grade of 0 on the exam, which counts 20% of their final grade. 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. 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).

HIGH SCHOOL ALTERNATIVE PROGRAMS

Sometimes students in high school need a different path to graduation. Whether they are behind or re-taking courses they failed, alternative programs can help them evaluate their options and develop a path that is right for them.

The Richland County School District One Learning Center is a full service learning facility that offers meaningful educational opportunities for students in grades six through twelve. Students who attend the Olympia Learning Center are students of "Choice" who prefer a non-traditional, innovative and personal school setting.

The Richland One EXCEL Academy is a graduation acceleration program designed for high school students who are seeking on- time graduation. The program provides online and direct instruction that allows students to recover/accrue credits in a flexible environment. Students participate in an advisor/advisee program delivered by teachers who are certified in the core content areas. Additionally, each student has a graduation team that is actively involved in their progress. Students who successfully meet graduation requirements will participate in the graduation ceremony at their home schools. In order to qualify for the program, students must not currently be on long-term suspension/ expulsion and must not have severe discipline and/or attendance problems.

Richland One Middle College is housed on the campus of Midlands Technical College and is a public charter school that offers 11th and 12th grade high school students academic and technical skills that make the transition from high school into college seamless. A small and powerful learning community, ROMC offers college- level classes, workplace experiences, extensive systems of extra help, and personalized graduation plans. Students are also required to perform 90 hours of community service every year. Richland One Middle College (ROMC) was awarded the 2007 Innovator Award by the Southern Growth Policies Board. The Award recognizes the Middle College program as being a leader in creating a globally competitive workforce.

The Richland One Virtual School Program began in the 2017-2018 school year and is designed to address the needs of students with outside interests or responsibilities who would benefit from a non-traditional setting. This program is designed for the highly motivated student who is a self-starter. Participants complete most of their studies virtually and at times of the day/evening most suitable to their schedules. They receive required face-to-face support for a limited number of hours per week at times convenient to them in a non-traditional learning environment in the Waverley Building. Students who complete their coursework successfully and meet requirements for graduation will participate in graduation ceremonies at their home schools.

THE NCAA AND NCAA ELIGIBILITY CENTER

The National Collegiate Athletic Association (NCAA) serves as the athletics governing body for more than 1200 colleges, universities, conferences, and organizations. The NCAA Eligibility Center certifies the academic and amateur credentials for all college-bound student athletes who wish to compete in NCAA Division I, II, or III athletics. Contact the Athletic Director or school counselor at your school to have questions answered regarding NCAA eligibility. Creating an account is the first step to becoming an NCAA student-athlete. Visit www.eligibilitycenter.org to register. Students are responsible for ensuring NCAA eligibility.

TEST SCORES

Division I has a sliding scale for test score and grade-point average. The sliding scale for those requirements is shown in Appendix K. Division II has no sliding scale. The minimum core grade point average is 2.000. The minimum SAT score is 820 (verbal and math sections only) and the minimum ACT sum score is 68. The SAT score used for NCAA purposes includes only the critical reading and math sections. The writing section of the SAT is not used.

The ACT score used for NCAA purposes is a sum of the four sections on the ACT: English, mathematics, reading and science. All SAT and ACT scores must be reported directly to the NCAA Eligibility Center by the testing agency. Test scores that appear on transcripts will not be used. When registering for the SAT or ACT, use the Eligibility Center code of 9999 to make sure the score is reported to the Eligibility Center.

GRADE-POINT AVERAGE

Only core courses are used in the calculation of the grade point average. Be sure to look at your high school's list of NCAA approved core courses on the Eligibility Center's Web site (www.eligibilitycenter.org) to make certain that courses being taken have been approved as core courses.

CORE COURSES DIVISION I NCAA

Division I requires 16 core courses:

- Four years of English
- Three years of mathematics (Algebra I or higher)
- Two years of natural/physical science (1 year of lab if offered by high school)
- One year of additional English, mathematics or natural/ physical science
- Two years of social science
- Four years of additional courses (from any area above, world language, or comparative religion/philosophy)
- In order to be eligible to compete during the initial year of full-time enrollment, students must complete 16 core courses. **Ten of the 16 core courses must be completed before the seventh semester** (senior year) of high school and at least seven of these 10 core courses must be in English, math, or science. Grades achieved in such courses must be used in the student's academic certification and cannot be replaced by courses or grades achieved after starting the seventh semester. *Note: students must also meet the Division I sliding-scale index for competition (minimum 2.300 core-course GPA).

CORE COURSES DIVISION II NCAA

Division II requires 16 core courses:

- Three years of English
- Two years of mathematics (Algebra I or higher)

- Two years of natural/physical science (1 year of lab if offered by high school)
- Three years of additional English, mathematics or natural/ physical science
- Two years of social science
- Four years of additional courses (from any area above, world language or comparative religion/philosophy)

Note: Courses Taken Before High School
If a student takes a high school class (such as Algebra I or Spanish I) before the ninth grade, the class may count toward the 16 core courses if it appears on the high school's list of NCAA approved courses and is shown on the high school transcript with grade and credit.

OTHER IMPORTANT INFORMATION

Students enrolling at an NCAA Division I or II institution for the first time need to also complete the amateurism questionnaire through the Eligibility Center Web site. Students need to request final amateurism certification prior to enrollment. For more information regarding the rules, go to www. ncaa.org. Click on "Academics and Athletes" then "Eligibility and Recruiting." NCAA considers proficiency-based courses such as courses taught through the Internet, distance learning, and credit recovery to be non-traditional and may not accept all credit acquired in this manner. To determine what types of non-traditional courses can be used to satisfy NCAA core-course requirements, refer to the NCAA website and click on "High School Administrator", "Resources", and "Common Core Course Questions". If you have questions, call the NCAA Eligibility Center at 877- 262-1492.

THE NAIA AND NAIA ELIGIBILITY CENTER

The NAIA is a community of nearly 300 member colleges and universities, 60,000 student-athletes and an environment that focuses on athletic participation as one part of the total education process. The NAIA Eligibility Center is responsible for determining the NAIA eligibility of first-time student athletes. Contact the Athletic Director or school counselor at your school to have questions answered regarding NAIA eligibility. Information pertaining to the NAIA, can be found at www.naia.org. Students are responsible for ensuring NAIA eligibility.

COLLEGE AND CAREER READINESS TESTING

The Preliminary Scholastic Aptitude Test (PSAT) and Preliminary Scholastic Aptitude for National Merit Scholarship Qualifying Test (PSAT/ NMSQT) are both great practice for the SAT because they test the same skills and knowledge as the SAT — in a way that makes sense for the student's grade level and that predict scores on the SAT. PSAT/NMSQT scores taken the junior year are utilized to identify eligible students for the National Merit Scholarship Program awards, early college admissions, Governor School qualification, and Junior Scholar and Fellow awards. The PSAT scores also list which AP courses a student should consider.

The Scholastic Aptitude Test (SAT) is designed to make sure it is highly relevant to students' future success. The SAT is focused on the skills and knowledge at the heart of education. It measures what students learn in high school and what they need to succeed in college. The SAT encompasses evidence-based reading and writing, math and an essay. There is no penalty for guessing on the SAT. Students will earn points for the questions that are answered correctly but will not have points subtracted if they choose the wrong answer.

The American College Test (ACT) is a leading US college admissions test that is used to determine high school students' academic readiness for college. The test consists of four sections: English, mathematics, reading, and science. The ACT has a writing section that is optional. Students are encouraged to check with prospective colleges prior to making the decision to opt out of taking the essay. The ACT gives a composite and STEM College Readiness benchmark. The ACT scores are accepted by all state-supported colleges and universities for admission, as well as for LIFE scholarship qualification.

All public high schools and, where necessary, career centers, must offer one or more assessments of college and career readiness to all eleventh-grade students. Eleventh-grade students are defined as students in the third year of high school after their initial enrollment in the ninth grade. This determination is made based on the 9GR field in PowerSchool. Each high school will provide more information during the school year about the assessments to be used, the dates the assessments will be administered, and reporting of the results to colleges and other institutions. Parents or students should contact their schools if they have questions.

Students in eleventh grade in the State of SC are required to take a career readiness assessment. This assessment is to measure two specific sets of skills and knowledge. The assessment will provide information about the students' abilities in reading, mathematics, and research, leading to a work-ready credential. The assessment will also provide information about entry-level work tasks and behaviors, including cooperation with others, conflict resolution and negotiation, problem-solving and decision-making, critical observation, and taking responsibility for learning.

BEYOND HIGH SCHOOL

Students planning to attend a two-year technical or community college should communicate with the institution of interest to determine what kind of placement tests may be required, as well as to determine what courses are needed for math, reading, and English. Some courses taken at in-state technical colleges are accepted by in-state four-year colleges or universities.

Students planning to attend a four-year college should consider the following factors as early as eighth grade and plan their high school programs accordingly:

1. Select coursework that meets college entrance requirements.
2. Realize that courses should be selected at the instructional levels that help reach the student's potential and prepare for college and career goals.
3. Determine the required courses for the intended college major.
4. Remember that grade point average, class rank, and SAT or ACT scores may be used to determine college acceptance. Entrance requirements vary among colleges; therefore, the student should read college catalogs and talk with college admission counselors concerning specific requirements for the college(s) in which they are interested.
5. Be aware that extracurricular and leadership activities and/or work experience may also influence admission.
6. In developing their Individual Graduation Plans (IGPs), students may elect to take courses at institutions of higher learning. These courses may involve costs but may complement future plans.

CHOOSING THE RIGHT COLLEGE

Students interested in attending college should:

1. Evaluate their strengths and abilities; examine their choice of lifestyle. Utilize information about colleges/careers in the school counseling office and media center.
2. Take the PSAT in their sophomore year and take the PSAT again in their junior year. Doing so will place the student on a mailing list for college information. The PSAT in the junior year also serves as the National Merit Scholarship qualifying test.
3. Develop a list of schools to investigate, based on individual personal goals. SCOIS or KUDER are good resources for exploration. These computer-based career information delivery systems are available on any networked computer at the District's high schools.
4. Determine requirements for admission and costs for each school on the list.
5. Arrange college visits. When visiting, talk with admissions counselors and financial aid officers.
6. Fine-tune the list.
7. Early in the student's senior year, ask for teacher and/or counselor recommendations.
8. Apply for financial aid or scholarships during the senior year. Do not rule out smaller private colleges due to costs.

ADDITIONAL NOTES

1. The college preparatory course prerequisite requirements are minimal requirements for four-year public college admission. Therefore, students should check early with colleges of their choice to plan to meet additional high school prerequisites that might be required for admission.
2. Visit http://www.che.sc.gov/New_Web/GoingToCollege/CollPrepPrereq.htm for more information. Please note the (underscore) between the words "New" and "Web" in the URL.

EDUCATIONAL LOTTERY SCHOLARSHIPS

The South Carolina Legislature provides several opportunities for students to receive scholarships from the South Carolina Education Lottery. These requirements are subject to change by the State Legislature. Students can find more information on the Internet at www.che400.state.sc.us. See Educational Lottery Scholarship table at the bottom of that web page.

General Criteria for Scholarships and Grants:

- Must be a South Carolina resident;
- Must be a US citizen or permanent resident;
- Must be enrolled as a degree-seeking student at an eligible South Carolina public or private institution;
- Must not owe a refund or repayment on a State Grant, Pell Grant, or a Supplemental Educational Opportunity Grant and not be in default on a loan under the Federal Perkins Loan or Federal Stafford Loan Program; and must not owe a refund or repayment on any State or Federal financial aid and not be in default on a Federal Student loan; and
- Must have never been convicted of any felonies and not have been convicted of any second or subsequent alcohol/drug– related misdemeanor offenses within the past academic year (excluding Lottery Tuition Assistance.)

EXTENDED LEARNING OPPORTUNITIES

Apprenticeships allow students to work with experienced persons or mentors for three to four years while acquiring job-related training in a high school or postsecondary setting. Students gain a gradual progression of skills and wages through a structured program with recognized and portable credentials. (Additional course credit may be awarded.)

Cooperative Education allows students to combine classroom instruction with paid or non-paid work experience related to their occupational programs. (Additional course credit may be awarded.)

Mentoring allows students to attend class, work throughout the year with a professional in a chosen career, and receive ½ to 1 unit of credit. An original project describing the work experience is required.

Internships permit students to spend several days, weeks, or months at worksites related to their career choice(s).

Shadowing allows students to explore occupational choices through observing worksites.

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 a 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 more information please visit the CHE website at https://www.che.sc.gov/.

ENGLISH

our units of English: Completion of College Preparatory English 1, 2, 3 and 4 will meet this criterion.

MATHEMATICS

Four units mathematics: For student graduating prior to 2019 These include Algebra 1, Algebra 2, and Geometry. The fourth course should be selected from Algebra 3, Pre-calculus, Introduction to Calculus, Calculus, Statistics, or Discrete Mathematics. These include Algebra 1, Algebra 2 and Geometry. Foundations Algebra and Intermediate Algebra may count together as a substitute for Algebra 1 if a student also successfully completes Algebra 2. No other courses may be substituted for the three required mathematics courses (Algebra I, Algebra II, and Geometry). In addition, students must also successfully complete a fourth higher-level mathematics course. Students may select from the following higher-level mathematics courses: Algebra 3, Pre-calculus, Calculus, Statistics, Discrete Mathematics, and Computer Science (Computer Science should involve significant programming content, not simply be keyboarding or using applications.), IB Mathematics Courses, AP Mathematics Courses and AP Computer Science.

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 the first two units (Biology, Chemistry, Physics, or Earth Science) or from any laboratory science for which Biology, Chemistry, Physics 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 LANGUAGES

Two units: Most colleges require three units. Refer to the admission requirements of the college or university of your choice for the number of world language units needed.

SOCIAL SCIENCE

Three units: One unit of United States History is required; a half unit of Economics and a half unit in Government and one additional Social Studies elective are required for high school graduation.

FINE ARTS

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

PHYSICAL EDUCATION

One unit: One unit of physical education to include one semester of personal fitness and another semester of lifetime fitness is required. Exemption may apply to students enrolled in designated JROTC courses, a designated Marching Band with Physical Education course, and physical disability or religious reasons.

ELECTIVES

Two units must be taken as electives. A college preparatory course in Computer Science (i.e. one involving significant programming content, not simply keyboarding or using applications) is strongly recommended for this elective. Other acceptable electives include college preparatory courses 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).

A college preparatory course in Computer Science is strongly recommended as one of these electives.

Other acceptable electives include college preparatory courses in English, fine arts, world languages, social science, humanities, mathematics, physical education, and laboratory science (courses for which biology, chemistry, physics or earth science is a prerequisite).

Notes: The Commission on Higher Education requirements may be adjusted at a later date to reflect changes in diploma requirements.

CURRICULUM FRAMEWORK

South Carolina high school students face many challenges, which includes 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 postsecondary education and engaging instructional strategies designed to help students learn important concepts and ideas in depth. The curriculum framework used by Richland County School District One includes a rigorous curriculum design and a requirement that each student develop a challenging Individual Graduation Plan. Working with parents, school counselors and teachers, students develop plans that include academic as well as profession-related courses. An IGP should identify extended learning opportunities that are designed to prepare students for transition to postsecondary education and the workplace.

Richland County School District One strives to provide a comprehensive curriculum to address the individual needs of all students. The framework design allows for an integrated, multidimensional 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. See Appendix E for the Richland County School District One Curriculum Framework.

FRAMEWORK DESIGN

A comprehensive curriculum framework includes the following elements:

- Clusters of study
- Majors for each cluster of study
- IGP Success Planner
- Template for cluster and major

CLUSTERS

A cluster of study is a means of organizing instruction and student experiences around broad categories that encompass virtually all occupations from entry level through professional levels. Clusters of study provide a way to organize and tailor coursework and learning experiences around areas of interests. Clusters of study are designed to provide a seamless transition from high school study to postsecondary study and/or the workforce. The United States Department of Education (USED) has developed 16 national clusters of study as a means of organizing the curriculum. The Secondary Curriculum Framework for Richland School District One is designed around many of these 16 clusters.

Agriculture, Food and natural Resources
This diverse career cluster prepares learners for careers in the planning, implementation, production, management, processing, and/or marketing of agricultural commodities and services, including food, fiber, wood products, natural resources, horticulture, and other plants.

Architecture and Construction
This career cluster prepares learners for careers in designing, planning, managing, building and maintaining the built environment. People employed in this cluster work on new structures, restorations, additions, alterations, and repairs.

Arts, Audio-Video Technology & Communication
This career cluster offers two different avenues of concentration. Careers in the performing arts, visual arts, or certain aspects of journalism prepare students for a broad range of creative careers including performance and beyond. Broadcasting and film require courses and activities that challenge students' creative and technological talents. Careers in audio or video, communications technology, telecommunications, or printing technology require strong backgrounds in computer and electronic-based technology and a solid foundation in math and science, as well as creative thinking skills.

Business, Management and Administration

The Business, Management and Administration Career Cluster prepares learners for careers in planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Career opportunities are available in every sector of the economy and require specific skills in organization, time management, customer service and communication.

Education and Training
This diverse career cluster prepares learners for careers in planning, managing and providing education and training services, as well as related learning support services. Millions of learners each year train for careers in education and training in a variety of settings that offer academic instruction, vocational and technical instruction, and other education and training services.

Finance
This career cluster prepares learners for careers in financial and investment planning, banking, insurance and business financial management. Career opportunities are available in every sector of the economy and require specific skills in organization, time management, customer service and communication.

Government and Public Administration
This career cluster prepares learners in governmental functions to include governance; national security; foreign service; planning; revenue and taxation; regulation; and management and administration at the local, state, and federal levels.

Health Sciences
This career cluster prepares learners for careers in planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research.

Hospitality and Tourism
The Hospitality and Tourism Career Cluster prepares learners for careers in the management, marketing and operations of restaurants and other food services, lodging, attractions, recreation events and travel-related services. Hospitality operations are located in communities throughout the world.

Human Services/Family & Consumer Sciences
This diverse career cluster prepares individuals for employment in career majors related to families and human needs.

Information Technology
Information Technology Career Clusters are divided into different majors: Computer Science, Networking Systems, and Web and Digital Communications. Each of these majors offers exciting and challenging career opportunities.

Law, Public Safety, Corrections, and Security
The Law, Public Safety and Security Career Cluster helps prepare learners for careers in planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.

Manufacturing
This career cluster prepares learners for careers in planning, managing, and performing the processing of materials.

Marketing
This diverse career cluster prepares learners for careers in planning, managing, and performing marketing service activities to reach organizational objective.

Science, Technology, Engineering & Mathematics
A career in the Science, Technology, Engineering or Mathematics cluster is exciting, challenging, and ever-changing. Learners who pursue one of these career fields will be involved in planning, managing, and providing scientific research and professional and technical services including laboratory and testing services, and research and development services.

Transportation, Distribution and Logistic
This career cluster exposes learners to careers and businesses involved in the planning, management, and movement of people, materials, and goods by road, air, rail and water. It also includes related professional and technical support services such as infrastructure planning and management, logistics services and the maintenance of mobile equipment and facilities.

Majors

Richland One offers several majors within each cluster of study. A major consists of the completion of at least three required units of study in that area. It is recommended that students take at least one course at the highest level offered. A major is designed to enable students to focus on an area of interest that motivates them to stay in school, to be better prepared for postsecondary choices and/or the workplace, and to make a smooth transition to postsecondary education and/or the workplace.

Choosing a cluster of study and a major requires a student to assess interests and skills, then select coursework to achieve his or her academic goals while exploring a professional goal. In the spring of eighth grade, during an individual planning conference with a school counselor, the student and his/her parent(s), select at least one of the 16 clusters to explore, the goal being to select a major by the end of 10th grade.

Students are never locked into a specific cluster or major. Students can change majors if their professional interests change. They can use the curriculum framework, with clusters of study and majors, and career assessment information in making these decisions. A completed major is not a requirement for graduation.

Majors in Each Cluster

Richland County School District One will follow a curriculum that is aligned with the state content standards and organized around a key cluster and major system that provides students with both strong academics and real-world problem solving skills. Students will be provided individualized educational, academic, and career-oriented choices and greater exposure to career information and opportunities.

Many of the clusters and majors are offered in conjunction with Heyward Career Center. Not all clusters and majors are offered at each school. Guidance counselors in each school can be contacted for additional information.

Agriculture, Food, and Natural Resources
- Agriculture Mechanics Technology
- Horticulture
- Plant and Animal Systems

Architecture and Construction
- Building Construction Cluster

Arts, Audio-Video Technology, and Communication
- Architectural/Mechanical Design
- Media Technology

- Visual Arts
- Performing Arts
- Journalism and Broadcasting
- World Languages
- International Baccalaureate
- Advanced Placement
- English
- History

Business, Management, and Administration
- Administrative Services
- Business Information Management
- General Management
- Human Resources Management
- Operations Management

Education and Training
- Early Childhood Education
- Teaching and Training

Finance
- Academy of Finance
- Accounting
- Banking Services
- Business Finance

Government and Public Administration
- National Security

Health Science
- PLTW Biomedical Sciences
- Health Science
- Sports Medicine

Hospitality and Tourism
- Culinary Arts Management
- Hospitality and Tourism Management

Human Services/Family and Consumer Sciences
- Barber/Master Hair Care
- Cosmetology
- Family and Consumer Sciences

Information Technology
- PLTW Computer Science
- Networking Systems
- Web and Digital Communications

Law, Public Safety, Corrections, and Security
- Emergency and Fire Management Services
- Law and Legal Services

Manufacturing Production
- Mechatronics Integrated Technologies
- Welding Technology

Marketing
- Marketing Communications

Science, Technology, Engineering, and Mathematics
- Clean Energy
- Food Science
- PLTW Pre-Engineering
- Science
- Mathematics

Transportation, Distribution, and Logistics
- Automotive Technology
- Commercial Driver's License
- Diesel Engine Technology

See Appendices D, E, and F for specific descriptions of clusters of study, majors, and course requirements.

IGP SUCCESS PLANNER

An IGP Success Planner consists of the state high school graduation requirements and/or college entrance requirements. In addition, course recommendations for successful completion of a major that aligns to postsecondary education and the workplace are included.

The purpose of the IGP Success Planner is to assist students and their parents in exploring educational and professional possibilities and in making appropriate secondary and postsecondary decisions. The IGP Success Planner is part of the career planner. It builds on the coursework, assessments and counseling in the middle and high school. The IGP Success Planner is not intended to reflect all aspects of the high school experience.

Developing the IGP Success Planner

School counselors begin working with students regarding interests, Clusters of Study, majors, postsecondary choices, and high school options through individual and group counseling in the sixth grade. This includes information on academic and professional goals, career activities and access to career resources. Teacher and parental involvement throughout this process is vital. See Appendix C for a copy of the IGP planning worksheet.

Sixth Grade
- Students complete a career interest inventory.
- Students participate in career exploration activities.

Seventh Grade
- Students continue career exploration activities.
- Students have the opportunity to participate in shadowing.

Eighth Grade
- Students choose a cluster of study they would like to explore
- Working with parents, counselors and teachers students begin developing an IGP Success Planner to include academic as well as profession-related courses.
- Students have the opportunity to participate in shadowing.

Ninth Grade
- Students explore the selected career cluster.
- Students have the opportunity to participate in career shadowing.
- Students review and update their IGP Success Planner developed in the eighth grade.
- Students begin to explore postsecondary opportunities.

Tenth Grade
- Students declare a major by the end of the tenth grade.
- Students have the opportunity to participate in extended learning opportunities.
- Students review and update their IGP Success Planner.

Eleventh Grade
- Students review and update their IGP Success Planner with particular attention being given to postsecondary goals.

- Students have the opportunity to participate in extended learning opportunities.
- During the third year of high school, students take the state-required ready-to-work assessment.

Twelfth Grade

- Students complete requirements for a major.
- Students have the opportunity to participate in extended learning opportunities.

COURSE NUMBERS AND TAGS

Each course has a number (i.e. 301100CW) and a course tag (i.e. HW) to indicate the level and term of the course. The course level is designated in the 7th digit; the course term is shown in the 8th digit. Use the following legend to identify course levels and terms:

CW — College Prep HW — Honors
AW — Advanced Placement
EW — Dual Enrollment
IW — International Baccalaureate

CH — ½ unit College Prep HH — ½ unit Honors
CD – 2 units College Prep HD – 2 units Honors
CT – 3 units College Prep HT – 3 units Honors

COURSE DESCRIPTIONS

ENGLISH/LANGUAGE ARTS

All high school students are required to take one English course each year. Four Carnegie units earned in English courses are required for high school graduation. English courses should be taken in sequence.

English 1
302400CW
Grade: 9
1 unit
Prerequisite: None
In this course, students continue their development of literacy skills by reading, discussing, and analyzing a range of literary and informational texts. Students also will cultivate and apply skills in critical thinking, writing, speaking and listening, and word study aimed at preparing students for college and career. Beginning with the 2019-2020 school year, there will be no end-of-course test for English 1.

English 1 Honors
302400HW
Grade: 9
1 unit
Prerequisite: District eligibility criteria and successful completion of accelerated grade 8 ELA
In this course, students explore the course content through extensions, expanded topics, and skill-related objectives, and continue their development of reading skills through structured and independent study of literary and informational texts. Through close reading, discussion, student-initiated research, project-based learning, and analysis of diverse themes and perspectives, students will evaluate arguments and formulate claims supported through complex text based evidence from print and digital resources. Additionally, students will cultivate and apply skills in critical thinking, writing, speaking and listening, and word study around increasingly complex texts, ideas and tasks aimed at preparing students for college and career. An increased level of independence is expected of Honors students, due to the pace, depth, scope and rigor of this course. This course offers learning and enrichment opportunities that extend beyond the standard coursework and is aligned to the Profile of the South Carolina Graduate and South Carolina State Standards for English Language Arts. Depth in rigor, complexity, challenges and creativity beyond the CP level course is required in the honors level course content. It is strongly recommended that students in this course plan to take Advanced Placement or International Baccalaureate English courses. Beginning with the 2019-2020 school year, there will be no end-of-course test for English 1.

English 2
302500CW
Grade: 10
1 unit
Prerequisite: English 1
In this course, students deepen their understanding and improve literacy skills by reading, discussing, and analyzing a range of literary and informational texts from varied global perspectives. Students will further develop their skills in critical thinking, writing, speaking and listening, and word study aimed at preparing students for college and career. Students enrolled in this course will take a South Carolina end-of-course exam. Beginning with the 2020-2021 school year, the exam will count 20% of the final grade.

English 2 Honors
302500HW
Grade: 10
1 unit
Prerequisite: English 1 Honors
In this course, students explore the course content through extensions, expanded topics, deepen their understanding and hone reading skills through structured and independent study of literary and informational texts from varied global perspectives. Through close reading, discussion and analysis of diverse themes, students will analyze and evaluate arguments, reflect and research a wide range of topics, and formulate claims supported through text based evidence from print and digital resources. This course offers learning and enrichment opportunities that extend beyond the standard coursework and is aligned to the Profile of the South Carolina Graduate and South Carolina State Standards for English Language Arts. Additionally, students will further develop their skills in critical thinking, writing, speaking and listening, and word study around increasingly complex texts, ideas and

tasks aimed at preparing students for college and career. An increased level of independence is expected of Honors students, due to the pace, depth, scope and rigor of this course. It is strongly recommended that students in this course plan to take Advanced Placement or International Baccalaureate English courses. Students enrolled in this course will take a South Carolina end-of-course exam. Beginning with the 2020-2021 school year, the exam will count 20% of the final grade.

English 3
302600CW
Grade: 11
1 unit
Prerequisite: English 2
In this course, students refine their reading trajectories by reading, discussing, and analyzing a range of literary and informational texts with a focus upon early and contemporary American literature. Additionally, students will further develop their skills in critical thinking, writing, speaking and listening, and word study around increasingly complex texts, ideas and tasks aimed at preparing students for college and career.

English 3 Honors
302600HW
Grade: 11
1 unit
Prerequisite: English 2 Honors
In this course, students explore the course content through extensions, expanded topics, refine their reading trajectories through structured and independent study of literary and informational texts through, but not limited to, early and contemporary American literature. Through close reading, discussion and analysis of diverse themes, students will analyze and evaluate various texts, reflect and research a wide range of topics, write for a range of tasks and audiences, and formulate claims supported through text based evidence from print and digital resources. This course offers learning and enrichment opportunities that extend beyond the standard coursework and is aligned to the Profile of the South Carolina Graduate and South Carolina State Standards for English Language Arts. Additionally, students will further develop their skills in critical thinking, writing, speaking and listening, and word study around increasingly complex texts, ideas and tasks aimed at preparing students for college and career. A strong level of independence, analytical thought, and commitment to rigorous study is required of Honors students at this level, due to the rigid demands of this course.

English 4
302700CW
Grade: 12
1 unit
Prerequisite: English 3
This course is designed to provide intense learning experiences as the culminating course for the college and career bound student. This course draws on students' enriched skills in reading, advanced writing, speaking and listening, research and presentation to navigate the depth and complexity of literary and informational texts and ideas. Students will focus on, but are not limited to, European works and cultures outside of the United States.

English 4 Honors
302700HW
Grade: 12
1 unit
Prerequisite: English 3 Honors
This course is designed to allow students to explore the course content through extensions, expanded topics and provide intense learning experiences as the culminating course for the college and career bound student. This course draws on students' enriched skills in reading, advanced writing, speaking and listening, research and presentation to navigate the depth and complexity of literary and informational texts and ideas. Students will focus on, but are not limited to, European works and cultures outside of the United States. Through close reading, discussion and analysis of diverse themes, students will analyze and evaluate various texts, reflect and research a wide range of topics, write for a range of tasks and audiences, and formulate claims supported through text based evidence from print and digital resources. This course offers learning and enrichment opportunities that extend beyond the standard coursework and is aligned to the Profile of the South Carolina Graduate and South Carolina State Standards for English Language Arts. Additionally, students will further develop their skills in critical thinking, writing, speaking and listening, and word study around increasingly complex texts, ideas and tasks. A strong level of independence, analytical thought, and commitment to rigorous study is required of Honors students at this level, due to the rigid demands of this course.

ENGLISH/LANGUAGE ARTS ELECTIVES

Broadcast Journalism 1
309944CW
Grades: 10 – 12
1 unit
Prerequisite: Application Process, Algebra 1 or equivalent, 2.0 GPA or higher for Level 1. For levels 2, 3, and 4: "C" or better in the previous course in the numbering sequence or instructor recommendation.
This course provides and introduction to the facets of live and recorded news and communication outlets. Students are engaged in creative processes and gather information to begin production of news and informational platforms. (LBA)

Broadcast Journalism 2
309945CW
Grades: 10 – 12
1 unit
Prerequisite: Application Process, Algebra 1 or equivalent, 2.0 GPA or higher for Level 1. For levels 2, 3, and 4: "C" or better in the previous course in the numbering sequence or instructor recommendation. (LBA)

Broadcast Journalism 3
309946CW
Grades: 10 – 12
1 unit
Prerequisite: Application Process, Algebra 1 or equivalent, 2.0 GPA or higher for Level 1. For levels 2, 3, and 4: "C" or better in the previous course in the numbering sequence or instructor recommendation. (LBA)

Broadcast Journalism 4
309947CW
Grades: 10 – 12
1 unit
Prerequisite: Application Process, Algebra 1 or equivalent, 2.0 GPA or higher for Level I. For levels 2, 3, and 4: "C" or better in the previous course in the numbering sequence or instructor recommendation.
As the culmination of their broadcast and multimedia experiences, students in this course are adept at using their skills and talents in producing and sharing news and information in a variety of formats, effects, editing, and the various aspects of production including pre- and post- production. Students will use their skills and talents to create, produce and share their projects in school and community, as they prepare to enter the journalism field. (LBA)

Documentary Workshop
309916CW
Grade: 9
1 unit
Prerequisite: None
Students will be engaging in a process that will help them foster media literacy and critical thinking skills. Through reading, writing, discussion, and research they will investigate topics of their choosing. Students will document their questions, finding, and growth. The end product of their work will be two documentaries – one produced and screened in December and one in May. The major assessment will be a portfolio and a presentation in which the student explains his or her growth over the course of the year. (LBA)

Documentary Production
309917CW
Grade: 10
1 unit
Prerequisite: Documentary Workshop
Students will engage in inquiry, creative expression, collaboration, "on the job" community action, and critical reflection by focusing on documentary media and the use of digital tools. By using a variety of technological and information resources such as libraries, databases, computer networks, students will shoot digital video, capture digital still images and audio, edit and prepare content for the Web. Students will apply knowledge of language structure, language conventions, media techniques, figurative language, and genre to critique, discuss, print, and non-print texts, and produce their own documentaries for public viewing. Finally, this course uses the student's fascination with a prior knowledge of media to teach reading and writing strategies that will prepare students to be effective readers of various types of texts as they are empowered to construct new understanding and meaning within and across textual boundaries. (LBA)

Fundamentals of Research
309901CH
Grades: 10 – 12
½ unit
Prerequisite: English 1
Students will gain extensive information to research methodology, skills and procedures. Practical application will be used for the class so these students are exposed to the different methods of research. An introduction to measurement will be taught as well. (LBA)

Journalism 1
305000CW
Grades: 9 – 12
1 unit
Prerequisite: Teacher Recommendation
Journalism 1 introduces many facets of mass media communication and focuses on skills in clarity and consciousness of composition. Field trips to the offices of local publications and media will be scheduled, and representatives from these offices will be invited to speak to the class. Students will perform individual projects in writing for publication, scripting for broadcast, etc.

Journalism 2
305100CW
Grades: 10 – 12
1 unit
Prerequisite: Journalism 1
Journalism 2 is designed to be an elective for students in grades 10- 12 who have successfully completed Journalism 1 and desire to continue their study of writing for publications. Students will learn publication design and production and assist with school publications.

Mythology
309913CH
Grades: 10 – 12
1⁄2 unit
Prerequisite: None
In mythology, students study classical legends of the Greek, Roman, and Nordic traditions, as well as some African, North American, Central and South American mythologies. The course focuses upon the influence of mythology in other genres of literature. (LBA)

Simply Shakespeare
309914CH
Grades: 11 – 12
1⁄2 unit
Prerequisite: English 2
This course will focus on the four main areas of Shakespeare's works: tragedies, comedies, histories and sonnets. An in-depth study of Shakespeare's life, the history of the Renaissance Period, and theatrical conventions will introduce the course. Students will analyze, interpret, and gain an appreciation for Shakespeare's work. (LBA)

Speech
304000CH
Grades: 9 – 12
1⁄2 unit
Prerequisite: None
This course is an introduction to formal speech. Emphasis is placed on speech writing as well as speech delivery. Development of poise and confidence in front of groups will be stressed.

Speech and Multimedia
529901CW
Grades: 10 – 12
1 unit
Prerequisite: None
This course is designed to help students organize oral presentations using Multimedia programs such as Power Point. Students will concentrate on stage presences, expression and vocal intonation and inflection, as well as speech. (LBA)

African-American Literature
309915CH
Grades: 10 – 12
1⁄2 unit
Prerequisite: None
African-American Literature acquaints students with the traditions and aesthetic values of literature descended primarily from African culture and literature that reflects the experience in America of people of African descent. An end of course assessment that reflects the impact of African culture and literature is required. (LBA)

Radio/TV/Film 1
309941CH
Grades: 11 – 12
1⁄2 unit
Prerequisite: Teacher recommendation
In this course, students will explore the fundamentals of communicational processes and how they apply to radio, television, and film production. Students will complete major projects in radio, television, and film. Also, students will learn about the various careers in the communications industry. (LBA)

Radio/TV/Film 2
309942CH
Grades: 11 – 12
1⁄2 unit
Prerequisite: Teacher Recommendation
Survey of Radio/TV/Film 2 offers students the chance to expand their knowledge of these three careers and complete further individual and group projects in these areas. Students will also briefly explore the related careers of public relations, book publishing, comics, film animation, newspaper journalism, magazines, and the music industry. (LBA)

Yearbook Production
376900CW
Grades: 11 - 12
1 unit
Prerequisite: Journalism 2
This is an elective course for students who have completed Journalism 2 Yearbook and who show outstanding skills in writing, design, or photography. The program includes staff organization, ad sales, and business management, feature writing, layout and design, photography and the publication process. Students will refine skills as they produce a school yearbook. This course does not take the place of any required English course.

Yearbook Production 2
379969CW
Grades: 11 - 12
1 unit
Prerequisite: Journalism 3 Honors and Instructor approval
This elective course is for students who have mastered the skills taught in Yearbook Production. The program includes experiences in scheduling, planning, leadership, accountability, budgeting, and creating guidelines, as well as writing and editing. Students involved in Yearbook Management will be responsible for seeing that the yearbook is published according to established rules and guidelines. The focus of the course is to offer students exposure to the professional media by an advanced analysis of current trends in professional print, advertising and public relations. This course does not take the place of any required English course. (LBA)

Critical Reading 1
309931CW
Grade: 9
1 unit
Prerequisite: None
Critical Reading 1 is a course intended to provide additional support to students in English 1. Students will develop reading skills t intended to improve their comprehension of complex text. (LBA)

Critical Reading 2
309932CW
Grade: 10
1 unit
Prerequisite: None
Critical Reading 2 is a course intended to provide additional support to students in English 2. Students will develop reading skills t intended to improve their comprehension of complex text. (LBA)

Strategies for Reading & Writing 1
309911CW
Grade 11
1 unit
Prerequisite: Teacher Recommendation
Strategies for Reading & Writing 1 focuses on reading and writing objectives. Students will read a variety of texts in order to improve vocabulary and critical reading and thinking skills. Additionally, students will develop their writing skills through development of various types of writing. (LBA)

Strategies for Reading & Writing 1
309911CH
Grades: 11 – 12
1/2 unit
Prerequisite: Teacher Recommendation
Strategies for Reading & Writing 1 (Grades 11-12) focuses upon further development of reading skills and the writing process. Students will read a variety of texts in order to improve vocabulary and critical reading and thinking skills. Additionally, students will develop their writing skills through writing practice focused on content, organization, voice, and mechanics. (LBA)

Strategies for Reading & Writing 2
309912CW
Grade 12
1 unit
Prerequisite: Teacher Recommendation
Strategies for Reading & Writing 2 focuses upon analytical skills and the writing process. Students will read a variety of texts in order to improve vocabulary and critical reading and thinking skills. Additionally, students will develop their writing skills through writing practice focused on content, organization, voice, and mechanics. (LBA)

Reading Interventions Lab
309903CW (1st year)
309904CW (2nd year)
Grades: 9-10
1 unit each
Prerequisite: Teacher recommendation based on district criteria for placement
This year-long reading course will provide students with opportunities to improve their skills as effective readers. Components include interactive computer-assisted instruction, small group instruction, and independent reading (System44/READ 180 blended model). (LBA)

Reading Interventions Lab
309903CH (1st year)
309904CH (2nd year)
Grades: 9-10
1/2 unit each
Prerequisite: Teacher recommendation based on district criteria for placement
This semester-long reading course will provide students with opportunities to improve their skills as effective readers. Components include interactive computer-assisted instruction, small group instruction, and independent reading (System44/READ 180 blended model). (LBA)

English Electives 1-8

Level 1	**390R27CH**	**390R28CW**
Level 2	**390R29CH**	**390R30CW**
Level 3	**390R31CH**	**390R32CW**
Level 4	**390R33CH**	**390R34CW**
Level 5	**390R57CH**	**390R58CW**
Level 6	**390R59CH**	**390R60CW**
Level 7	**390R61CH**	**390R62CW**
Level 8	**390R63CH**	**390R64CW**

Grades: 9-12
0.5 unit or 1 unit
The purpose of this course is to assist students by enhancing skills in the area of English in order to be successful in the general education class. These classes do not meet the English graduation requirements.

English Language Arts 1-4
Grades: 9 - 12
1 unit (General Elective)

ELA 1	ELA 2	ELA 3	ELA 4
39002800	39003000	39003200	39003400
39012800	39013000	39013200	39013400
39022800	39023000	39023200	39023400
39032800	39033000	39033200	39033400
39042800	39043000	39043200	39043400
39052800	39053000	39053200	39053400
39062800	39063000	39063200	39063400
39072800	39073000	39073200	39073400
39122800	39123000	39123200	39123400
39132800	39133000	39133200	39133400
39142800	39143000	39143200	39143400

The purpose of this course is to assist students to develop skills for application to practical real world experiences.

Essentials of English 1-4
Grades: 9 - 12
1 unit (English credits for Employability Certificate)

Essentials of Engl 1	Essentials of Engl 2	Essentials of Engl 3	Essentials of Engl 4
390000CW	391000CW	TBD	TBD
390001CW	391001CW	TBD	TBD
390002CW	391002CW	TBD	TBD
390003CW	391003CW	TBD	TBD
390004CW	391004CW	TBD	TBD
390005CW	391005CW	TBD	TBD
390006CW	391006CW	TBD	TBD
390007CW	391007CW	TBD	TBD
390012CW	391012CW	TBD	TBD
390013CW	391013CW	TBD	TBD
390014CW	391014CW	TBD	TBD

Essentials of English 1-4
Grades: 9 - 12
0.5 unit (English credits for Employability Certificate)

Essentials of Engl 1	Essentials of Engl 2	Essentials of Engl 3	Essentials of Engl 4
390000CH	391000CH	TBD	TBD
390001CH	391001CH	TBD	TBD
390002CH	391002CH	TBD	TBD
390003CH	391003CH	TBD	TBD
390004CH	391004CH	TBD	TBD
390005CH	391005CH	TBD	TBD
390006CH	391006CH	TBD	TBD
390007CH	391007CH	TBD	TBD
390012CH	391012CH	TBD	TBD
390013CH	391013CH	TBD	TBD
390014CH	391014CH	TBD	TBD

Essentials of English 1-4 emphasize English Language Arts literacy concepts that are aligned to the South Carolina College-and Career-Ready Standards and the Profile of the South Carolina Graduate. These courses will provide an integrated model of literacy and self-determination skills necessary for daily living and the world of work. The integrated model of literacy for each course will focus on inquiry, analysis and communication to explore literary, informational, and non-print text. These courses may be taken only by students with the appropriate IEP qualifications whose first time in the 9th grade is the 2018-2019 school year or beyond.

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES

English for Speakers of Other Languages 1
308401CW
Grades: 9 – 12
1 unit
Prerequisite: ACCESS or W-APT scores with teacher recommendation.
This course is designed as an introduction to the English language and culture using the communicative approach to language learning. This support class is designed to provide instruction to non-English Speaking (NES) and Limited English Proficient (LEP) students. The objective is to develop skills in reading, writing, listening and speaking. Emphasis is placed on context-related vocabularies to promote success in all core areas. All ESOL support classes are aligned to the WIDA standards.

English for Speakers of Other Languages 2
408002CW
Grade: 9-12
1 unit
Prerequisite: ACCESS or W-APT scores with teacher recommendation.
This course is a sequel to English as a Second Language I. Students continue English language acquisition through the use of the communicative approach to language learning. This support class is designed to provide instruction and/or assistance to non-English Speaking (NES) and Limited English Proficient (LEP) students. The objective is to develop skills in reading, writing, listening and speaking. Emphasis is placed on context-related vocabularies to promote success in all core areas. All ESOL support classes are aligned to the WIDA standards.

English for Speakers of Other Languages 3
408103CW
Grade: 9-12
1 unit
Prerequisite: ACCESS or W-APT scores with teacher recommendation.
In this course, students will continue the study of the English language through the use of the communicative approach to language learning. This support class is designed to provide instruction and/or assistance to non-English Speaking (NES) and Limited English Proficient (LEP) students. The objective is to develop skills in reading, writing, listening and speaking. Emphasis is placed on context-related vocabularies to promote success in all core areas. All ESOL support classes are aligned to the WIDA standards.

English for Speakers of Other Languages 4
408204CW
Grade: 9-12
1 unit
Prerequisite: ACCESS or W-APT scores with teacher recommendation
In this course, students will continue the study of the English language through the use of the communicative approach to language learning. This support class is designed to provide instruction and/or assistance to non-English Speaking (NES) and Limited English Proficient (LEP) students. The objective is to develop skills in reading, writing, listening and speaking. Emphasis is placed on context-related vocabularies to promote success in all core areas. All ESOL support classes are aligned to the WIDA standards.

English for Speakers of Other Languages 5
408700CW
Grades: 9 – 12
1 unit
Prerequisites: ACCESS or W-APT scores with teacher recommendation
This course is designated for English learners who qualify as either newcomers (first or second year in U.S. schools) or students with limited or interrupted formal education (SLIFE) (as determined by the ESOL teacher) in their 9th or 10th grade years.

In this course, students continue English language acquisition through the use of the communicative approach to language learning. This support class is designed to provide instruction *and/or assistance* to non-English Speaking (NES) and Limited English Proficient (LEP) students. The objective is to develop skills in reading, writing, listening and speaking. Emphasis is placed on context-related vocabularies to promote success in all core areas. All ESOL support classes are aligned to the WIDA standards.

English for Speakers of Other Languages 6
408800CW
Grades: 9 – 12
1 unit
Prerequisites: ACCESS or W-APT scores with teacher recommendation
This course is designated for English learners who qualify as either newcomers (first or second year in U.S. schools) or students with limited or interrupted formal education (SLIFE) (as determined by the ESOL teacher) in their 9th or 10th grade years.

In this course, students continue English language acquisition through the use of the communicative approach to language learning. This support class is designed to provide instruction *and/or assistance* to non-English Speaking (NES) and Limited English Proficient (LEP) students. The objective is to develop skills in reading, writing, listening and speaking. Emphasis is placed on context-related vocabularies to promote success in all core areas. All ESOL support classes are aligned to the WIDA standards.

English for Speakers of Other Languages 7
408900CW
Grades: 9 – 12
1 unit
Prerequisites: ACCESS or W-APT scores with teacher recommendation
This course is designated for English learners who qualify as either newcomers (first or second year in U.S. schools) or students with limited or interrupted formal education (SLIFE) (as determined by the ESOL teacher) in their 11th or 12th grade years.

In this course students, continue English language acquisition through the use of the communicative approach to language learning. This support class is designed to provide instruction *and/or assistance* to non-English Speaking (NES) and Limited English Proficient (LEP) students. The objective is to develop skills in reading, writing, listening and speaking. Emphasis is placed on context-related vocabularies to promote success in all core areas. All ESOL support classes are aligned to the WIDA standards.

English for Speakers of Other Languages 8
409000CW
Grades: 9 – 12 1 unit
Prerequisites: ACCESS or W-APT scores with teacher recommendation
This course is designated for English learners who qualify as either newcomers (first or second year in U.S. schools) or students with limited or interrupted formal education (SLIFE) (as determined by the ESOL teacher) in their 11th or 12th grade years.

In this course, students continue English language acquisition through the use of the communicative approach to language learning. This support class is designed to provide instruction *and/or assistance* to non-English Speaking (NES) and Limited English Proficient (LEP) students. The objective is to develop skills in reading, writing, listening and speaking. Emphasis is placed on context-related vocabularies to promote success in all core areas. All ESOL support classes are aligned to the WIDA standards.

English for Speakers of Other Languages Literacy
308500CW
Grade: 9-12
1 unit
Prerequisite: ACCESS or W-APT scores with teacher recommendation
In this course, students continue English language acquisition through the use of the communicative approach to language learning. This support class is designed to provide instruction and/or assistance to non-English Speaking (NES) and Limited English Proficient (LEP) students. The objective is to develop skills in reading, writing, listening and speaking. Emphasis is placed on context-related vocabularies to promote success in all core areas. All ESOL support classes are aligned to the WIDA standards.

MATHEMATICS

Four units of math are required for graduation. Students enrolled in these courses will receive 1 unit towards the four required for graduation per course.

Foundations in Algebra
411600CW
Grade: 9
1 unit
Prerequisite: None
This course is designed for students who scored "does not meet expectations" or "approaches expectations" on the mathematics portion of the 8th grade state assessment. The critical areas taught in this course deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend. Students will engage in methods for analyzing, solving, and using quadratic functions. They must also take Intermediate Algebra next year to complete the Algebra standards that will be assessed on the SC 11th grade assessment. If this course is followed by Algebra 1 instead of Intermediate Algebra, this course will be counted as a general elective and not a math elective required for graduation. (*Please see the "Note about Algebra" at the end of this Mathematics section*.)

Intermediate Algebra
411700CW
Grades: 10
1 unit
Prerequisite: Foundations in Algebra
This course extends the mathematics students learned in the Foundations in Algebra course to include piecewise, absolute value, logarithmic, and step functions. Students will select from these functions to model phenomena. They will build on their knowledge of rational exponents to see structure in and create polynomial, simple rational and simple radical expressions. Students will also learn to use the method of completing the square to transform any quadratic equation, while also deriving the quadratic formula. Quadratic equations will be solved utilizing multiple methods. Students enrolled in this course will take a South Carolina End-of-Course exam that will count 20% of their final grade. . (*Please see the "Note about Algebra" at the end of this Mathematics section*.)

Algebra 1
411400CW
Grades: 9 – 10
1 unit
Prerequisite: Mastery of middle level SC state mathematics standards
This course is designed for students who have completely mastered the middle level SC state math standards and are ready to begin moving into advanced topics. Emphasis is placed on deepening and extending understanding of linear and exponential relationships by contrasting them with each other, to include arithmetic and geometric sequences. Students will engage in methods for analyzing, solving, and using quadratic functions. Other areas of focus will be utilizing rational exponents, systems involving quadratic expressions, using functions to model relationships, interpreting functions, and making judgments about the appropriateness of linear models. Students enrolled in this course will take a South Carolina End-of-Course Exam that will count 20% of their final grade.

Algebra 1 Honors
411400HW
Grade: 9
1 unit
Prerequisite: District eligibility criteria and grade of 80 or better in 8th grade mathematics
This course is designed for students who have completely mastered the middle level SC state math standards and are ready for advanced topics and the Honor's level rigor. Emphasis is placed on deepening and extending understanding of linear and exponential relationships by contrasting them with each other, to include arithmetic and geometric sequences. Students will engage in methods for analyzing, solving, and using quadratic functions. Other areas of focus will be utilizing rational exponents, systems involving quadratic expressions, using functions to model relationships, interpreting functions, and making judgments about the appropriateness of linear models. Students enrolled in this course will take a South Carolina End-of-Course exam that will count 20% of their final grade.

Geometry
412200CW
Grades: 9 – 12
1 unit
Prerequisite: Algebra 1 or Foundations in Algebra and Intermediate Algebra
The fundamental purpose of the course is to formalize and extend students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Transformations are emphasized in this course. Some additional areas of focus will be reasoning to complete geometric constructions, prove theorems - using a variety of formats, apply similarity in right triangles to understand right triangle trigonometry, develop the law of sine and cosine, write the equation of circles, and continue their study of quadratics by connecting the geometric and algebraic definitions of the parabola.

Geometry Honors
412200HW
Grades: 9 – 12
1 unit
Prerequisite: Algebra 1 Honors; Recommended: grade of 80 or higher in Algebra 1
This course is designed for students who have demonstrated exceptional mathematical capabilities during the study of Algebra 1. This course facilitates the

continuation of work to formalize and extend students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Transformations are emphasized in this course. Some additional areas of focus will be reasoning to complete geometric constructions, prove theorems - using a variety of formats, apply similarity in right triangles to understand right triangle trigonometry, develop the law of sine and cosine, write the equation of circles, and continue their study of quadratics by connecting the geometric and algebraic definitions of the parabola. The course includes learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in Geometry CP level courses and the Profile of the South Carolina Graduate. Depth in rigor, complexity, challenges and creativity beyond the CP level course is required in the honors level course content.

Algebra 2
411500CW
Grades: 9 – 12
1 unit
Prerequisite: Algebra 1 or Foundations in Algebra and Intermediate Algebra; Recommended: grade of 80 or higher in Algebra 1
This course continues to build on work with linear, quadratic, and exponential functions to include polynomial, rational, and radical functions. Students work closely with expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The critical areas of this course will build on work with trigonometric ratios and circles in Geometry to model periodic phenomena, understand the Fundamental Theorem of Algebra, explore the effects of transformations on graphs of diverse functions, and identify appropriate types of functions to model a situation, and adjust parameters to improve the model.

Algebra 2 Honors
411500HW
Grades: 9 – 12
1 unit
Prerequisite: Algebra 1; Recommended: grade of 80 or higher in Algebra 1 Honors grade of 90 or higher in Algebra 1 with teacher recommendation.
This course is designed for students who have demonstrated exceptional mathematical capabilities during the study of Algebra 1 and Geometry. This course facilitates the continuation of work with linear, quadratic, and exponential functions to include polynomial, rational, and radical functions. Students work closely with expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The critical areas of this course will build on work with trigonometric ratios and circles in Geometry to model periodic phenomena, understand the Fundamental Theorem of Algebra, explore the effects of transformations on graphs of diverse functions, and identify appropriate types of functions to model a situation, and adjust parameters to improve the model. Learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in Algebra II CP level courses and the Profile of the South Carolina Graduate. Depth in rigor, complexity, challenges and creativity beyond the CP level course is required in the honors level course content.

Algebra 3
411300CW
Grades: 10 – 12
1 unit
Prerequisite: Algebra 2
This course is designed for the student who has successfully completed Algebra 2, but is not ready for the academic rigor of Pre-Calculus Honors. The course will review solving equations and inequalities, graphing, factoring, and systems of equations. Course content includes the study of many types of functions: linear, quadratic, polynomial, exponential, logarithmic, rational, radical, and a unit on trigonometry. Students completing this course are prepared for a subsequent study of Pre-Calculus either at the high school or college level.

Pre-Calculus
413101CW
Grades: 10 – 12
1 unit
Prerequisite: Algebra 2, Geometry; Recommended: grade of 80 or higher in Algebra 2 Honors; grade of 90 or higher in Algebra 2 with teacher recommendation; grade of 80 or higher in Algebra 3 with teacher recommendation.
This course is designed for students who plan to take AP Calculus. Course content includes a study of the following functions: trigonometric, polynomial, exponential, logarithmic, rational, radical, and other primary functions. Sequences and series, topics in analytical geometry, polar coordinates, vectors, and parametric equations are included in the course content. Access to a graphing calculator is needed outside the classroom.

Pre-Calculus Honors
413101HW
Grades: 10 – 12
1 unit
Prerequisite: Algebra 2, Geometry; Recommended: grade of 80 or higher in Algebra 2 Honors; grade of 90 or higher in Algebra 2 with teacher recommendation; grade of 80 or higher in Algebra 3 with teacher recommendation.
This course is designed for students who plan to take AP Calculus. Course content includes a study of the following functions: trigonometric, polynomial, exponential, logarithmic, rational, radical, and other primary functions. Sequences and series, topics in analytical geometry, polar coordinates, vectors, and parametric equations are included in the course content. Access to a graphing calculator is needed outside the classroom. The course includes learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in Pre-Calculus CP level courses and the Profile of the South Carolina Graduate. Depth in rigor, complexity, challenges and creativity beyond the CP level course is required in the honors level course content.

Probability and Statistics
414100CW
Grades 10-12
1 unit
Prerequisite: Algebra 1
This course includes the study of up-to-date statistical topics and techniques needed to understand consumer-oriented statistics encountered routinely in newspapers and other media. Students engage in the collection, organization, display, analysis and interpretation of data. Students will use graphing calculators and/or computer software as tools for solving problems.

Discrete Mathematics
414200CW
Grades: 11 – 12
1 unit
Prerequisite: Algebra 2, Geometry; Recommended: Grade of 70 or higher in prerequisite courses.
This course includes the study of mathematical properties of sets and systems that have a finite number of elements. The topics include set theory, logic, graph theory, numeration systems and number theory, modeling, consumer mathematics, descriptive statistics, and apportionment (fairness, voting methods). Students will use graphing calculators and/or computer software as tools for solving problems.

Calculus
413500CW
Grades 11-12
1 unit
Prerequisite: Pre-Calculus; Recommended: grade of 70 or higher in Pre-Calculus Honors; grade of 80 or higher in Algebra 3 with teacher recommendation.
This course is designed to introduce students to basic calculus topics and applications. It is intended for students who plan to pursue a degree at a four-year or two-year college or university that requires the successful completion of a calculus course. Topics introduced in Pre-Calculus are reviewed and extended. Additional topics include limits, derivatives and simple integration techniques with their applications for problem solving. Access to a graphing calculator is needed outside the classroom.

Calculus Honors
413500HW
Grades 11-12
1 unit
Prerequisite: Pre-Calculus Honors or Algebra 3 with teacher recommendation; Recommended: grade of 70 or higher in Pre-Calculus Honors grade of 90 or higher in Algebra 3 with teacher recommendation.
This course is designed to introduce students to basic calculus topics and applications. It is intended for students who plan to pursue a degree at a four-year or two-year college or university that requires the successful completion of a calculus course. Topics introduced in Pre-Calculus are extended. Additional topics include limits, derivatives and simple integration techniques with their applications for problem solving. Access to a graphing calculator is needed outside the classroom. Learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in Calculus CP level courses and the Profile of the South Carolina Graduate. Depth in rigor, complexity, challenges and creativity beyond the CP level course is required in the honors level course content.

MATHEMATICS ELECTIVES
Students enrolled in these courses WILL NOT receive 1 unit towards the 4 required for graduation in mathematics.

Mathematics Seminar 1
319941CW
Grade: 9
1 unit
Prerequisite: None
This companion course may be utilized along with the Foundation in Algebra course. (LBA)

Mathematics Seminar 2
319942CW
Grade: 10
1 unit
Prerequisite: None
This companion course may be utilized along with the Intermediate Algebra course. (LBA)

Strategies for Mathematics 1
319912CW,
Grade: 9-10
1 unit
Prerequisite: None
This course is designed to help students meet the state standards on the Algebra I End-of- Course exam. (LBA)

Strategies for Mathematics 2
319903CW
Grade: 10-11
1 unit
Prerequisite: None
This course is designed to help students meet the state standards on the ACT Work Keys. (LBA)

Mathematics Electives 1-8
Grades: 9 – 12
1 unit

Level 1	**390R37CH**	**390R38CW**
Level 2	**390R39CH**	**390R40CW**
Level 3	**390R41CH**	**390R42CW**
Level 4	**390R43CH**	**390R44CW**
Level 5	**390R67CH**	**390R68CW**
Level 6	**390R69CH**	**390R70CW**
Level 7	**390R71CH**	**390R72CW**
Level 8	**390R73CH**	**390R74CW**

The purpose of this course is to assist students by enhancing skills in the area of mathematics in order to be successful in the general education class.

Mathematics 1-4
Grades: 9 - 12
1 unit

Math 1	Math 2	Math 3	Math 4
39002801	**39003001**	**39003201**	**39003401**
39012801	**39013001**	**39013201**	**39013401**
39022801	**39023001**	**39023201**	**39023401**
39032801	**39033001**	**39033201**	**39033401**
39042801	**39043001**	**39043201**	**39043401**
39052801	**39053001**	**39053201**	**39053401**
39062801	**39063001**	**39063201**	**39063401**
39072801	**39073001**	**39073201**	**39073401**
39122801	**39123001**	**39123201**	**39123401**
39132801	**39133001**	**39133201**	**39133401**
39142801	**39143001**	**39143201**	**39143401**

The purpose of this course is to assist students to develop skills for application to practical real world experiences.

Mathematics 1-4
Grades: 9 -12
1 unit

Math 1	Math 2	Math 3	Math 4
39003601	**39003801**	**39004001**	**39004201**
39013601	**39013801**	**39014001**	**39014201**
39023601	**39023801**	**39024001**	**39024201**
39033601	**39033801**	**39034001**	**39034201**
39043601	**39043801**	**39044001**	**39044201**
39053601	**39053801**	**39054001**	**39054201**
39063601	**39063801**	**39064001**	**39064201**
39073601	**39073801**	**39074001**	**39074201**
39123601	**39123801**	**39124001**	**39124201**
39133601	**39133801**	**39134001**	**39134201**
39143601	**39143801**	**39144001**	**39144201**

The purpose of this course is to enhance skills in mathematics for employability.

Essentials of Mathematics 1-4
Grades: 9 - 12
1 unit (Math credits for Employability Certificate)

Essentials of Math 1	Essentials of Math 2	Essentials of Math 3	Essentials of Math 4
390100CW	**391100CW**	**TBD**	**TBD**
390101CW	**391101CW**	**TBD**	**TBD**
390102CW	**391102CW**	**TBD**	**TBD**
390103CW	**391103CW**	**TBD**	**TBD**
390104CW	**391104CW**	**TBD**	**TBD**
390105CW	**390105CW**	**TBD**	**TBD**
390106CW	**391106CW**	**TBD**	**TBD**
390107CW	**391107CW**	**TBD**	**TBD**
390112CW	**391112CW**	**TBD**	**TBD**
390113CW	**391113CW**	**TBD**	**TBD**
390114CW	**391114CW**	**TBD**	**TBD**

Essentials of Mathematics 1-4
Grades: 9 - 12
0.5 unit (Math credits for Employability Certificate)

Essentials of Math 1	Essentials of Math 2	Essentials of Math 3	Essentials of Math 4
390100CH	391100CH	TBD	TBD
390101CH	391101CH	TBD	TBD
390102CH	391102CH	TBD	TBD
390103CH	391103CH	TBD	TBD
390104CH	391104CH	TBD	TBD
390105CH	391105CH	TBD	TBD
390106CH	391106CH	TBD	TBD
390107CH	391107CH	TBD	TBD
390112CH	391112CH	TBD	TBD
390113CH	391113CH	TBD	TBD
390114CH	391114CH	TBD	TBD

Essentials of Math 1-4 emphasize basic mathematical concepts needed to compute real world algebraic problems that are aligned to the South Carolina College and Career-Ready Standards and the Profile of the South Carolina Graduate. These courses will allow students to make sense of problems and persevere in solving them as well as connect mathematical ideas and real-world situations through modeling. Students will use a variety of mathematical tools effectively and strategically. These courses may be taken only by students with the appropriate IEP qualifications whose first time in the 9th grade is the 2018-2019 school year or beyond.

Note about Algebra: Students **must not** enroll in Foundations in Algebra (4116) prior to ninth grade. A school that offers Foundations in Algebra (4116) **must** subsequently offer Intermediate Algebra (4117). Students who successfully complete Foundations in Algebra (4116) **must** subsequently enroll in Intermediate Algebra (4117). Upon completion of this two-course sequence, students **must** take the state-mandated Algebra 1 End-of-Course assessment (Algebra 1 EOCEP) administered at the completion of the second course, Intermediate Algebra (4117). Students **may not** receive mathematics credits for both Foundations in Algebra (4116) and Algebra 1 (4114). In that case, **one course** will receive mathematics credit; the other will receive elective credit. Students who have a final average of D in Algebra 1 (4114) **may** subsequently enroll in Intermediate Algebra (4117). Students who complete Intermediate Algebra (4117) after Algebra 1 (4114) **must** re-take the state-mandated Algebra 1 End-of-Course assessment (Algebra 1 EOCEP) administered at the completion of Intermediate Algebra (4117). **During the 2018–19 school year only, a student that takes Intermediate Algebra (4117) after Algebra 1 (4114) may have both credits count as mathematics credits for graduation.**

(Source: SCDE Activity Coding System handbook, July 19, 2018; page 42; emphasis is from the original document.)

SCIENCE

Three units of laboratory science are required for graduation with a South Carolina High School Diploma. The South Carolina Commission on Higher Education recommends four units of science be taken in all four fields of biology, chemistry, physics and earth science for students who wish to pursue a career in science, math, engineering or technology. Most four-year colleges require three to four laboratory science courses.

Biology 1
322100CW
Grades: 9 – 10
1 unit
Prerequisite: None; Recommended: Ninth Grade - Algebra 1
This course is an introductory laboratory science course designed to engage students in scientific and engineering practices including problem solving, decision making, critical thinking, and applied learning in order to demonstrate knowledge and understanding of the following biological and ecological concepts: essential functions of life take place within cells or systems of cells, essential processes within organisms require energy which in most ecosystems must be transferred from the sun and converted into chemical energy, specific mechanisms by which characteristics or traits are transferred from one generation to the next via genes, the complexity of ecosystems and the interactive systems that include both biological communities and physical components of the environment, and biological evolution and diversity of life. Students take the state required End-of-Course Examination Program (EOCEP) when enrolled in Biology 1.

Biology 1 Honors
322100HW
Grades: 9 – 10
1 unit
Prerequisite: Honors placement based on previous year placement in an accelerated science class and teacher recommendation; Recommended: Completion of Algebra 1
This course is an introductory honors laboratory science course designed to engage students in scientific and engineering practices including problem solving, decision making, critical thinking, and applied learning in order to demonstrate knowledge and understanding of the following biological and ecological concepts: essential functions of life take place within cells or systems of cells, essential processes within organisms require energy which in most ecosystems must be transferred from the sun and converted into chemical energy , specific mechanisms by which characteristics or traits are transferred from one generation to the next via genes, the complexity of ecosystems and the interactive systems that include both biological communities and physical components of the environment, and biological evolution and diversity of life. This course will accelerate and enrich the core curriculum by differentiating the content, process, pace and expectation of work completed by the student. Students who successfully complete the more rigorous work and pace will earn a weighted credit. Students take the state required End-of-Course Examination Program (EOCEP) when enrolled in Biology 1 Honors. This course includes learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in Biology CP level courses and the Profile of the South Carolina Graduate. Depth in rigor, complexity, challenges and creativity beyond the CP level course is required in the honors level course content.

Chemistry 1
323100CW
Grades: 10 – 12
1 unit
Prerequisite: Biology 1 and Algebra 1 or equivalent math course(s).
This course is designed to provide an introduction to major chemistry concepts and engage students in laboratory experiences that will allow students to utilize scientific and engineering practices including, problem solving, decision making, critical thinking, and applied learning in order to demonstrate knowledge and understanding of: atomic structure and nuclear processes, structures and classification of chemical compounds, structure and behavior of the different states of matter, nature and properties of various types of chemical solutions including acids and bases, types, the causes, and the effects of chemical reactions, and the conservation of energy and energy transfer. This course requires a working knowledge of algebra for success.

Chemistry 1 Honors
323100HW
Grades: 10 – 12
1 unit
Prerequisite: Honors Biology 1 or Biology 1 with teacher recommendation and Algebra 1
This course is designed to provide an introduction to major chemistry concepts and engage students in scientific and engineering practices including, problem solving, decision making, critical thinking, and applied learning in order to demonstrate knowledge and understanding of: atomic structure and nuclear processes, structures and classification of chemical compounds, structure and behavior of the different states of matter, nature and properties of various types of chemical solutions including acids and bases, types, the causes, and the effects of chemical reactions, and the conservation of energy and energy transfer. This course will accelerate the enrich core curriculum by differentiating the content, process, pace and expectation of work completed by the student. Students who successfully complete the more rigorous work and pace will earn a weighted credit. This course requires a working knowledge of algebra 1 for success. This course includes learning and enrichment opportunities that extend beyond the standard coursework and are

aligned to the South Carolina State Standards in Chemistry CP level courses and the Profile of the South Carolina Graduate. Depth in rigor, complexity, challenges and creativity beyond the CP level course is required in the honors level course content.

Earth Science
326500CW
Grades: 9 – 12
1 unit
Prerequisite: None
This course is designed to engage students in scientific and engineering practices including, problem solving, decision making, critical thinking, and applied learning in order to demonstrate knowledge and understanding of: the structure, properties, and history of the observable universe, internal and external dynamics of Earth's geosphere, the relationship between Earth's conditions over geologic time and the effect on the diversity of organisms found on Earth, the dynamics of Earth's atmosphere, and Earth's freshwater and ocean systems.

Earth Science Honors
326500HW
Grades: 11– 12
1 unit
Prerequisite: None; Recommendation: Eighth grade science and teacher recommendation or placement in honors science prior to taking the course.
This course is designed to engage students in scientific and engineering practices including, problem solving, decision making, critical thinking, and applied learning in order to demonstrate knowledge and understanding of: the structure, properties, and history of the observable universe, internal and external dynamics of Earth's geosphere, the relationship between Earth's conditions over geologic time and the effect on the diversity of organisms found on Earth, dynamics of Earth's atmosphere, and Earth's freshwater and ocean systems. This course is designed to accelerate and enrich the core curriculum requiring higher-order thinking exercise including a research or a science project. Students who successfully complete the more rigorous work and pace will earn a weighted credit. This course includes learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in Earth Science CP level courses and the Profile of the South Carolina Graduate. Depth in rigor, complexity, challenges and creativity beyond the CP level course is required in the honors level course content.

Physics
324100CW
Grades: 11 – 12
1 unit
Prerequisite: Chemistry 1; Recommended: Geometry
This course is designed to engage students in scientific and engineering practices including, problem solving, decision making, critical thinking, and applied learning to demonstrate knowledge and understanding of physics concepts and how these concepts apply to our world. Physical phenomena including: contact and non-contact interactions between objects, mechanics, motion, momentum, energy, heat, waves, optics, sound, light, electricity and magnetism can be explained and predicted using the conceptual understandings provided in this course.

Physics Honors
324100HW
Grades: 11 – 12
1 unit
Prerequisite: Chemistry 1 Honors or Chemistry 1 and teacher recommendation; Pre-Calculus or currently enrolled in Pre-Calculus and science teacher recommendation
This course is designed to engage students in scientific and engineering practices including, problem solving, decision making, critical thinking, and applied learning to demonstrate knowledge and understanding of physics concepts and how these concepts apply to our world. Physical phenomena including: contact and non-contact interactions between objects, mechanics, motion, momentum, energy, heat, waves, optics, sound, light, electricity and magnetism can be explained and predicted using the conceptual understandings provided in this course. This course will accelerate and enrich the core curriculum by differentiating the content, process, pace and expectation of work completed by the students. Students who successfully complete the more rigorous work and pace will earn a weighted credit. This course includes learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in Physics CP level courses and the Profile of the South Carolina Graduate. Depth in rigor, complexity, challenges and creativity beyond the CP level course is required in the honors level course content.

SCIENCE ELECTIVES

Physical Science
321100CW
Grades: 9 – 10
1 unit
Prerequisite: None
This course is designed to give students an understanding of the fundamental concepts in physical science. Students in this course are expected to demonstrate knowledge of the physical science principles to include structure of atoms, structure and properties of matter, chemical reactions, motion and forces, conservation of energy and interactions or energy and matter; Topics are incorporated in both classroom and laboratory minds-on and hands-on activities. Science concepts, science process skills, science and technology and the nature of science are infused into the activities. This is not a laboratory science course and cannot be counted as one of the three laboratory science credits for the credits required to graduate with a South Carolina Diploma.

Physical Science Honors
321160HW
Grades: 9 – 10
1 unit
Prerequisite: None
This course is designed to give students an understanding of the fundamental concepts in physical science. Students in this course are expected to demonstrate knowledge of the physical science principles to include structure of atoms, structure and properties of matter, chemical reactions, motion and forces, conservation of energy and interactions or energy and matter; Topics are incorporated in both classroom and laboratory minds-on and hands-on activities. Science concepts, science process skills, science and technology and the nature of science are infused into the activities. This Honors curriculum is designed to accelerate and enrich the core curriculum requiring higher order thinking exercises including a research or a science project. This is not a lab science course. This is not a laboratory science course and cannot be counted as one of the three laboratory science credits for the credits required to graduate with a South Carolina Diploma. This course includes learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in Physical Science CP level courses and the Profile of the South Carolina Graduate. Depth in rigor, complexity, challenges and creativity beyond the CP level course is required in the honors level course content.

Biology 2
322200CW
Grades: 11 – 12
1 unit
Prerequisite: Biology 1; Recommended: Chemistry 1
This course is a continuation of Biology 1 designed for students who have successfully completed Biology 1, plan to take biology courses in college, plan to enter the Advanced Placement Biology program or plan to take duel credit biology courses. The course will stress science as a process, molecules and cells, heredity and evolution, organisms and populations and interdependence in nature. This course is taught as a rigorous, introductory college level course. Laboratory coursework is an integral part of this course.

Biology 2 Honors
322200HW
Grades: 11 – 12
1 unit
Prerequisite: Biology 1 and teacher recommendation or Biology 1 Honors; Recommended: Chemistry 1 Honors
This course is a continuation of Biology 1 Honors and is designed for students who have completed excelled in Biology 1or successfully completed Biology 1 Honors, plan to take biology courses in college, plan to enter the Advanced Placement Biology program or take dual enrollment biology courses. The course will stress science as a process, molecules and cells, heredity and evolution, organisms and populations and interdependence in nature. Students will be required to complete comprehensive laboratory activities and assignments including additional reading and research. This course is taught as a rigorous, introductory college level course. This course includes learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in Biology II CP level courses and the Profile of the South Carolina Graduate. Depth in rigor, complexity, challenges and creativity beyond the CP level course is required in the honors level course content.

Chemistry 2
323200CW
Grades: 11 – 12
1 unit
Prerequisite: Chemistry 1, concurrent enrollment in Pre-Calculus and/or teacher recommendation; Recommended: Grade of B or higher in Algebra 2
This course is designed as a continuation of Chemistry 1, for students who have successfully completed Chemistry 1, plan to take chemistry courses in college, plan to enter the Advanced Placement Chemistry program or dual enrollment chemistry courses. Stress will be placed on problem solving in the areas of equilibrium, acid-base chemistry, bonding, electrochemistry and thermodynamics.

Chemistry 2 Honors
323200HW
Grades: 11 – 12
1 unit
Prerequisite: Chemistry 1 Honors or Chemistry 1 with teacher recommendation; concurrent enrollment in Pre-Calculus and/or teacher recommendation
This course is designed for students who have excelled in Chemistry 1 or successfully completed Chemistry 1 Honors, plan to take chemistry courses in college, plan to enter the Advanced Placement Chemistry program or duel credit. Stress will be placed on problem solving in the areas of equilibrium, acid-base chemistry, bonding, electrochemistry and thermodynamics. Students also will be required to complete an extensive lab program of equations inequalities, polynomials, graphing, quadratics, and statistics. The curriculum is designed to accelerate the enrich core curriculum by differentiating the content, process, pace and work completed by the student. This course includes learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in Chemistry II CP level courses and the Profile of the South Carolina Graduate. Depth in rigor, complexity, challenges and creativity beyond the CP level course is required in the honors level course content. Students will be expected to complete additional work beyond the regular curriculum.

Astronomy
325100CW
Grades: 11 – 12
1 unit
Prerequisite: Algebra 1 and Geometry
The course develops students' knowledge and appreciation for the observable universe through scientific investigation. Concepts will include the history of astronomy showing how the ideas of past and current astronomers are based on core scientific disciplines. Students will examine familiar celestial objects in the solar system and continue with more distant objects such as stars, nebulae and galaxies. Kepler's and Newton's laws will be used as a basis for understanding motion of objects in space. Satellite motion and space exploration will be examined. Understanding and application of mathematics will be required for success in the course. Laboratory investigations will be part of the course.

Marine Science
322510CW
Grades: 11-12
1 unit
Prerequisite: Biology 1 and Chemistry 1
This l laboratory science course is designed to meet the needs of students who show an interest in obtaining in-depth awareness of coastal and marine systems. The course will include a study of the biological, physical, chemical and geological aspects of marine science. Lab, classwork, and independent research are required for students to gain an in-depth understanding of how the multiple scientific disciplines interact and impact marine ecosystems. The course integrates current events and topics in marine science with textbook information. Required dissections of marine organisms enhance the study of these unique animals.

Marine Science Honors
322520HW
Grades: 11-12
1 unit
Prerequisite: Biology 1 and Chemistry 1 and teacher recommendation or Honors Biology 1 and Honors Chemistry 1
This laboratory science course is designed to meet the needs of students who show an interest in obtaining in-depth awareness of coastal and marine systems. The course will include a study of the biological, physical, chemical and geological aspects of marine science. Lab, classwork, and independent research are required for students to gain an in-depth understanding of how the multiple scientific disciplines interact and impact marine ecosystems. The course integrates current events and topics in marine science with textbook information. Required dissections of marine organisms enhance the study of these unique animals. This course includes learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in Marine Science CP level courses and the Profile of the South Carolina Graduate. Depth in rigor, complexity, challenges and creativity beyond the CP level course is required in the honors level course content. Students will be expected to gain expert opinions and will be required to present their findings. Laboratory investigations in the classroom will further student understanding of the complexity and ambiguity of empirical work.

Anatomy and Physiology
326300CW
Grades: 11 – 12
1 unit
Prerequisite: Biology 1; Recommended: Grade of 'B' or better in Biology 1
This course is designed to give students an understanding of some of the major concepts of the human anatomy and physiology with applications to the health sciences. Students will learn about the relationship between the structures found in the human body and the functions of those structures. This course will involve extensive laboratory work dealing with the human body. Some of the areas of discussion will be the structure and function of the cells, tissues, organs and organ systems of the body.

Anatomy and Physiology Honors
326300HW
Grades: 11 – 12
1 unit
Prerequisite: Honors Biology 1 or Biology 1, and teacher recommendation; Recommended: Grade of 'B' or better in Honors Biology 1
This course is designed to give students an understanding of some of the major concepts of the human anatomy and physiology with applications to the health sciences. Students will learn about the relationships between the structures found in the human body and the functions of those structures. This course will involve extensive laboratory work dealing with the human body. Some of the areas of discussion will be the structure and function of the cells, tissues, organs and organ systems of the body. The curriculum provides extended enrichment by differentiating the content process, pace and expectation of work completed by the students. Honors students will be required to complete additional reading and projects to expand on the curriculum. Students will be expected to gain expert opinions and will be required to present their findings from these projects. This course includes learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in Anatomy and Physiology CP level courses and the Profile of the South Carolina Graduate. Depth in rigor, complexity, challenges and creativity beyond the CP level course is required in the honors level course content.

Environmental Studies
326100CH
Grades: 11 – 12
1⁄2 unit
Prerequisite: Biology 1; Recommended: 1 additional unit of science
This course is designed to allow students to develop an awareness of the environment. Students will understand the manner in which the various aspects of the natural world are interrelated and analyze environmental hazards, natural and man-made, with the goal of using scientific thinking to propose solutions or prevention of risks to our environment. It will deal with man's interrelationship to the total environment and his responsibilities to it. This course is interdisciplinary and will draw on knowledge from previous science courses

Forensic Science
324500CW
Grades: 11 – 12
1 unit
Prerequisite: Biology 1 and Chemistry 1
Forensic Science is an intense application of knowledge and skills acquired in Biology and Chemistry courses. Following a brief introduction to criminal law, students use measurement, chemical analysis, and other laboratory techniques to study the types of physical evidence, as well as the crime scene as a whole. The class format includes lectures, laboratory investigations and mandatory participation in a mock crime scene.

Science 1-4
Grades: 9 - 12
1 unit

Science 1	Science 2	Science 3	Science 4
39004402	39004602	39004802	39005002
39014402	39014602	39014802	39015002
39024402	39024602	39024802	39025002
39034402	39034602	39034802	39035002
39044402	39044602	39044802	39045002
39054402	39054602	39054802	39055002
39064402	39064602	39064802	*39065000*
39074402	39074602	39074802	39075002
39124402	39124602	39124802	39125002
39134402	39134602	39134802	39135002
39144402	39144602	39144802	39145002

The course is designed to give students an understanding of the fundamental concepts in physical science.

Essentials of Science 1-4
Grades: 9 - 12
1 unit (Science credits for Employability Certificate)

Essentials of Sci 1	Essentials of Sci 2	Essentials of Sci 3	Essentials of Sci 4
390200CW	391200CW	TBD	TBD
390201CW	391201CW	TBD	TBD
390202CW	391202CW	TBD	TBD
390203CW	391203CW	TBD	TBD
390204CW	391204CW	TBD	TBD
390205CW	391205CW	TBD	TBD
390206CW	391206CW	TBD	TBD
390207CW	391207CW	TBD	TBD
390212CW	391212CW	TBD	TBD
390213CW	391213CW	TBD	TBD
390214CW	391214CW	TBD	TBD

Essentials of Science 1-4
Grades: 9 - 12
0.5 unit (Science credits for Employability Certificate)

Essentials of Sci 1	Essentials of Sci 2	Essentials of Sci 3	Essentials of Sci 4
390200CH	391200CH	TBD	TBD
390201CH	391201CH	TBD	TBD
390202CH	391202CH	TBD	TBD
390203CH	391203CH	TBD	TBD
390204CH	391204CH	TBD	TBD
390205CH	391205CH	TBD	TBD
390206CH	391206CH	TBD	TBD
390207CH	391207CH	TBD	TBD
390212CH	391212CH	TBD	TBD
390213CH	391213CH	TBD	TBD
390214CH	391214CH	TBD	TBD

Essentials of Science 1-4 emphasize the Biology course of study aligned to the South Carolina College-and Career-Ready Standards and the Profile of the South Carolina Graduate. These courses will allow students to engage in problem solving, decision-making, critical thinking, and applied learning to become scientifically literate and consumers of scientific information. These courses may be taken only by students with the appropriate IEP qualifications whose first time in the 9th grade is the 2018-2019 school year or beyond.

SOCIAL STUDIES

One unit of U.S. history, one half unit of government, one half unit of economics, and one additional unit of social studies are required in the diploma program. Four units are highly recommended. After the completion of certain courses in this section, students can earn credits through the work-based program. Work based numbers for these courses are listed at the end of this section. Students can seek approval and assistance with this program from their counselor.

World Geography
331000CW
Grades: 9 - 10
1 unit
Prerequisite: None
This course is designated as a social studies elective. The focus of World Geography is the physical and cultural characteristics of Earth. The course is organized systematically around the topics of region, physical earth dynamics, population, culture, economic systems, urban systems, political systems, and the environment. The course standards are not meant to be taught in order or in isolation. Conceptual in nature rather than place-specific, the course is taught from a regional perspective. Critical thinking should be emphasized in this course, with stress placed on the development of spatial thinking skills and competency related to the five themes of geography: location, place, regions, movement, and human-environment interaction.

World Geography Honors
331000HW
Grades: 9 - 10
1 unit
Prerequisite: District eligibility criteria
This course is designated as a social studies elective. This course is designed to accelerate and enrich the core curriculum by differentiating the content, process, pace and work completed by the student. The focus of World Geography is the physical and cultural characteristics of Earth. The course is organized systematically around the topics of region, physical earth dynamics, population, culture, economic systems, urban systems, political systems, and the environment. The course standards are not meant to be taught in order or in isolation. Critical thinking should be emphasized in this course, with stress placed on the development of spatial thinking skills and competency related to the five themes of geography: location, place, regions, movement, and human-environment interaction. This course includes learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in World Geography CP level courses and the Profile of the South Carolina Graduate.

Law Education
333600CW
Grades: 9 – 12
1 unit
Prerequisite: None
This course is designated as a social studies elective. This course offers a practical approach to law-related education. In an effort to educate students about law that is useful in everyday life, the course begins with an overview of the legal system then explores general problems in the areas of criminal, tort, and individual rights laws. The second part of this course focuses on consumer, family, and housing law.

World History
336000CW
Grades: 9 - 10
1 unit
Prerequisite: None
This course is designated as a social studies elective. World History from 1300: The Making of the Modern World is designed to assist students in understanding how people and countries of the world have become increasingly interconnected. In the last six hundred years, population growth, demand for resources, curiosity, and technology have converged to draw the distant corners of the world closer together. Critical thinking is focal to this course, which emphasizes why and how people, ideas, and technology have made an impact on diverse groups of people.

World History Honors
336000HW
Grade: 10
1 unit
Prerequisite: District eligibility criteria
This course is designated as a social studies elective. The curriculum for World History honors is designed to accelerate and enrich the core curriculum by differentiating the content, process, pace and work completed by the student. Students who successfully complete the more rigorous work will earn a weighted credit. World History from 1300: The Making of the Modern World is designed to assist students in understanding how people and countries of the world have become increasingly interconnected. In the last six hundred years, population growth, demand for resources, curiosity, and technology have converged to draw the distant corners of the world closer together. Critical thinking is focal to this course, which emphasizes why and how people, ideas, and technology have made an impact on diverse groups of people. This course includes learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in World History CP level courses and the Profile of the South Carolina Graduate.

US History and the Constitution
332000CW
Grade: 11
1 unit
Prerequisite: Successful completion Of World Geography or World History
This course meets the graduation requirements for social studies. This course is designed to meet the state graduation requirement for U.S. history. The focus of United States History and the Constitution is the story of the American people from the period of the colonial settlement to the present day – the establishment of the British colonies and the transfer of English political traditions, the creation of the United States as a new nation, westward expansion, the American Civil War and Reconstruction, the response to industrialization and urbanization of the late nineteenth century, and the nation's developing role in world affairs in the twentieth and twenty-first centuries. United States History and the Constitution is generally taught in grade eleven.

US History and the Constitution Honors
332000HW
Grades: 11
1 unit
Prerequisite: Successful completion of World Geography Honors, World History Honors or AP Human Geography
This course meets the graduation requirements for social studies. The curriculum for U.S. History Honors is designed to accelerate and enrich the core curriculum by differentiating the content, process, pace and work completed by the student. Students who successfully complete the more rigorous work will earn a weighted credit. The focus of United States History and the Constitution is the story of the American people from the period of the colonial settlement to the present day – the establishment of the British colonies and the transfer of English political traditions, the creation of the United States as a new nation, westward expansion, the American Civil War and Reconstruction, the response to industrialization and urbanization of the late nineteenth century, and the nation's developing role in world affairs in the twentieth and twenty-first centuries. United States History and the Constitution is generally taught in grade eleven. This course includes learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in US History and the Constitution CP level courses and the Profile of the South Carolina Graduate.

Foundations of the American Nation
339900CW
Grades: 10
1 unit
Prerequisite: None
This course does not satisfy the state graduation requirement for the other social studies elective; however it serves as a general elective. Students will be exposed to primary documents and other readings appropriate to the subject matter in an attempt to build both reading skills and critical thinking skills. Students will learn to analyze primary source materials, determine their relevance and draw conclusions. In addition, students will learn to read and interpret maps, charts, and graphs and political articles. (LBA)

African-American History
339907CH
Grades: 10 – 12
1/2 unit
Prerequisite: None
This course is designated as a social studies elective. This course is designed for students to explore the role of the African- Americans during the colonial period, the Civil War, on the frontier, the civil rights struggle and present times. Students will study African-American role models in common careers and explore the many cultural contributions in music (jazz), literature and visual arts. This course complements the study of African-American Literature**.** (LBA)

United States Government
333000CH
Grade: 12
1/2 unit
Prerequisite: Successful completion of US History and the Constitution Honors.
This course meets the graduation requirements for social studies. In United States Government, students examine the theory and practice of American government. The course is designed to provide a comprehensive introduction to fundamental political concepts that will provide students with the knowledge and skills they need in order to understand and participate wisely in the American political system. United States Government examines basic political theory and governmental systems, American political development theory, the constitutional basis and structure of American government, and citizen involvement in the political system.

United States Government Honors
333000HH
Grades: 12
1/2 unit
Prerequisite: Successful completion of US History and Constitution Honors
This course meets the graduation requirements for social studies. The curriculum for American Government Honors is designed to accelerate and enrich the core curriculum by differentiating the content, process, pace and work completed by the students. Students who successfully complete the more rigorous work will earn a weighted credit. In United States Government, students examine the theory and practice of American government. The course is designed to provide a comprehensive introduction to fundamental political concepts that will provide students with the knowledge and skills they need in order to understand and participate wisely in the American political system. United States Government examines basic political

theory and governmental systems, American political development theory, the constitutional basis and structure of American government, and citizen involvement in the political system. This course includes learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in US Government CP level courses and the Profile of the South Carolina Graduate.

Economics
335000CH
Grade: 12
1/2 unit
Prerequisite: None
This course meets the graduation requirements for social studies. Economics is a social science. The science of economics uses data to analyze, interpret, and predict the behavior of individuals and institutions based upon incentives. The goal of a study of economics is to teach a student how to evaluate choices. Scarcity forces all entities—individuals, communities, and nations—to choose from available resources to meet their needs. This course helps students understand personal finances as required by state law.

Economics Honors
335000HH
Grade: 12
1/2 unit
Prerequisite: Successful completion of United Government Honors or US History and Constitution Honors.
This course meets the graduation requirements for social studies. The curriculum for Economics Honors is designed to accelerate and enrich the core curriculum by differentiating the content, process, pace, and work completed by the student. Students who successfully complete the more rigorous work will earn a weighted credit. This course helps students understand personal finances as required by state law. Economics is a social science. The science of economics uses data to analyze, interpret, and predict the behavior of individuals and institutions based upon incentives. The goal of a study of economics is to teach a student how to evaluate choices. Scarcity forces all entities—individuals, communities, and nations—to choose from available resources to meet their needs. This course includes learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in Economics CP level courses and the Profile of the South Carolina Graduate.

Sociology
334500CW
Grades: 11-12
1 unit
Prerequisite: None
This course is designated as a social studies elective. Students critically examine how and why humans form groups and the methods they use to maintain group cohesiveness. Students observe and predict human behavior within groups. Special emphasis will be placed on the social circumstances that influence human thoughts, feelings, ideas and actions. There is an emphasis on the application of sociological research to analyze social, political, and economic conditions within the American society. After examining the scope of the science of sociology, students develop skills in identifying and analyzing social problems that arise as American communities develop and evolve.

Psychology
334000CW
Grades: 11 – 12
1 unit
Prerequisite: None
This course is designated as a social studies elective. This course is designed to help students learn to apply scientific observation and explanation of human behavior. The first part of this course emphasizes the evolutionary development of this new social science from its roots in philosophy to the use of the scientific method to demonstrate mind/ body relationships. The second part of this course focuses on biological foundations for human growth and development throughout the human life cycle and elevates student awareness of interpersonal relationships and social problem-solving skills.

Social Studies 1-4
Grades: 9 - 12
1 unit

Soc Stu 1	Soc Stu 2	Soc Stu 3	Soc Stu 4
39008403	39008603	39008803	39009003
39018403	39018603	39018803	39019003
39028403	39028603	39028803	39029003
39038403	39038603	39038803	39039003
39048403	39048603	39048803	39049003
39058403	39058603	39058803	39059003
39068403	39068603	39068803	39069003
39078403	39078603	39078803	39079003
39128403	39128603	39128803	39129003
39138403	39138603	39138803	39139003
39148403	39148603	39148803	39149003

Essentials of Social Studies 1-4
Grades: 9 - 12
1 unit (Social Studies credits for Employability Certificate)

Essentials of SS 1	Essentials of SS 2	Essentials of SS 3	Essentials of SS 4
390300CW	391300CW	TBD	TBD
390301CW	391301CW	TBD	TBD
390302CW	391302CW	TBD	TBD
390303CW	391303CW	TBD	TBD
390304CW	391304CW	TBD	TBD
390305CW	391305CW	TBD	TBD
390306CW	391306CW	TBD	TBD
390307CW	391307CW	TBD	TBD
390312CW	391312CW	TBD	TBD
390313CW	391313CW	TBD	TBD
390314CW	391314CW	TBD	TBD

Essentials of Social Studies 1-4
Grades: 9 - 12
0.5 unit (Social Studies credits for Employability Certificate)

Essentials of SS 1	Essentials of SS 2	Essentials of SS 3	Essentials of SS 4
390300CH	391300CH	TBD	TBD
390301CH	391301CH	TBD	TBD
390302CH	391302CH	TBD	TBD
390303CH	391303CH	TBD	TBD
390304CH	391304CH	TBD	TBD
390305CH	391305CH	TBD	TBD
390306CH	391306CH	TBD	TBD
390307CH	391307CH	TBD	TBD
390312CH	391312CH	TBD	TBD
390313CH	391313CH	TBD	TBD
390314CH	391314CH	TBD	TBD

Essentials of Social Studies 1-4 emphasize the United States History and the Constitution course of study aligned to the South Carolina Standards and the Profile of the South Carolina Graduate. These courses will provide a reward of literacy for the 21st century student. This course will allow students to engage in problem solving, decision-making, critical thinking, and applied learning required in citizenship. These courses may be taken only by students with the appropriate IEP qualifications whose first time in the 9th grade is the 2018-2019 school year or beyond.

WORLD LANGUAGES

Six years of French, Spanish, and Latin and four years of German and Chinese are offered for high school credit. Students planning to attend a public college or university in South Carolina must have completed a minimum of two or three units of the same world language. It is strongly recommended that all college bound students complete three to four units of the same world language.

All world language courses are performance-based in three modes of communication: interpretive, interpersonal, and presentational. Learners accomplish real-world communicative tasks in culturally appropriate ways as they gain familiarity with products, practices, perspectives, and interactions of and within the target culture(s).

Chinese 1
461101CW
Grades: 9 – 12
1 unit
Prerequisite: None
This course is designed as an introduction to the Chinese language and culture using an eclectic approach to language learning. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. ACTFL Proficiency scale (Novice-Low to Novice-Mid Range)

Chinese 2
461202CW
Grades: 10 – 12
1 unit
Prerequisite: Chinese 1
This course is a sequel to Chinese 1. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. ACTFL Proficiency scale (Novice-Mid to Novice-High Range)

Chinese 3
461303CW
Grades: 11 – 12
1 unit
Prerequisite: Chinese 2
This course is a sequel to Chinese 2. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. The third year student will be able to understand the topic and main idea in authentic materials, understand simple questions and answers and understand simple communications dealing with familiar topics. The student will be able to write original texts and questions to fulfill practical needs and write original notes and compositions. ACTFL Proficiency scale (Novice-High to Intermediate-Low Range)

Chinese 3 Honors
461303HW
Grades: 12
1 unit
Prerequisite: Teacher recommendation – grade higher than 80 in Chinese 2
This course is a sequel to Chinese 2 that targets students that have shown exceptional capabilities on language acquisition at the previous level. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in a more rigorous and accelerated curriculum that includes activities that stimulate communication, promote a higher level of critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. The third year honors student will be able to understand the topic, main and secondary ideas in authentic materials, understand simple questions and answers and understand simple communications dealing with familiar topics. The student will be able to write original texts and questions to fulfill practical needs and write original notes and compositions. ACTFL Proficiency scale (Novice-High to Intermediate-Low Range)

Chinese 4 Honors
461404HW
Grades: 12
1 unit
Prerequisite: Teacher recommendation – Grade higher than 80 in Chinese 3 Honors
This course is a sequel to Chinese III. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. The fourth year student will be able to draw conclusions and make inferences from print and non-print materials dealing with familiar topics. The student will be able to ask questions, narrate and describe in original sentences, participate in casual conversations, give instructions and compose simple reports. ACTFL Proficiency scale (Intermediate Low Range)

Introduction to High School French
369921CW
Grades: 9 - 11
1 unit
Prerequisite: None
This course is an introductory level to French Language Learning. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their literacy skills as well as their global cultural awareness. ACTFL Proficiency scale (Novice-Low to Novice-Mid Range). This course does not count as a World Language elective for state or college entry requirements. This is a general elective course. (LBA)

French 1
361101CW
Grades: 9 – 10
1 unit
Prerequisite: None
An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. ACTFL Proficiency scale (Novice-Low to Novice-Mid Range)

French 2
361202CW
Grades: 9 – 11
1 unit
Prerequisite: French 1
This course is a sequel to French 1. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in1activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. ACTFL Proficiency scale (Novice-High to Intermediate-Low Range)

French 3
361303CW
Grades: 9 – 12
1 unit
Prerequisite: French 2
This course is designed to offer students who have completed at least two units of French an opportunity to continue their language study. Through this course, students will improve their conversation skills and their written expression. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. ACTFL Proficiency scale (Intermediate Low-Mid Range)

French 3 Honors
361303HW
Grades: 9 – 12
1 unit
Prerequisite: Teacher recommendation – Grade higher than 80 in French 2
This course is a sequel to French 2 that targets students that have shown exceptional capabilities on language acquisition at the previous level. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will

be engaged in a more rigorous and accelerated curriculum that includes activities that stimulate communication, promote a higher level of critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. The third year honors student will be able to understand the topic, main and secondary ideas in authentic materials, understand simple questions and answers and understand simple communications dealing with familiar topics. The student will be able to write original texts and questions to fulfill practical needs and write original notes and compositions. ACTFL Proficiency scale (Intermediate-Mid Range)

French 4 Honors
361404HW
Grades: 10 – 12
1 unit
Prerequisite: Teacher recommendation – Grade higher than 80 in French 3 Honors
This course is a sequel to French 3 Honors. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. The fourth year student will be able to draw conclusions and make inferences from print and non-print materials dealing with familiar topics. The student will be able to ask questions, narrate and describe in original sentences, participate in casual conversations, give instructions and compose simple reports. ACTFL Proficiency scale (Intermediate-Mid Range)

French 5 Honors
361505HW
Grades: 11 – 12
1 unit
Prerequisite: Teacher recommendation – Grade higher than 80 in French 4 Honors
This course is designed to offer students who have successfully completed French 4 Honors the opportunity to continue their language study. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. The instructor will also use a variety of authentic poetry, short stories, art, music, films and other media to provide for the students' linguistic and cultural enrichment. ACTFL Proficiency scale (Intermediate-Mid Range. Some may begin to demonstrate Intermediate-High characteristics in some of the modes)

German 1
362101CW
Grades: 9 – 12
1 unit
Prerequisite: None
This course is designed as an introduction to the German language. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. ACTFL Proficiency scale (Novice-Low to Novice-Mid Range)

German 2
362202CW
Grades: 10 – 12
1 unit
Prerequisite: German 1
This course is a sequel to German 1. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. ACTFL Proficiency scale (Novice-High to Intermediate-Low Range)

German 3
362303CW
Grades: 10 – 12
1 unit
Prerequisite: German 2
This course is a sequel to German 2. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as

their cultural awareness. The third year honor student will be able to understand the topic and main idea in authentic materials; understand simple questions and answers and understand simple communications dealing with familiar topics. The student will be able to write original sentences and questions to fulfill practical needs and write original notes and compositions. ACTFL Proficiency scale (Intermediate Mid-Range)

German 3 Honors
362303HW
Grades: 10 – 12
1 unit
Prerequisite: Teacher recommendation – Grade higher than 80 in German 2
This course is a sequel to German 2 that targets students that have shown exceptional capabilities on language acquisition at the previous level. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in a more rigorous and accelerated curriculum that includes activities that stimulate communication, promote a higher level of critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. The third year honors student will be able to understand the topic, main and secondary ideas in authentic materials, understand simple questions and answers and understand simple communications dealing with familiar topics. The student will be able to write original texts and questions to fulfill practical needs and write original notes and compositions. ACTFL Proficiency scale (Intermediate-Mid Range)

German 4 Honors
362404HW
Grades: 10 – 12
1 unit
Prerequisite: Teacher recommendation – Grade higher than 80 in German 3 Honors
This course is a sequel to German 3 Honors. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. The fourth year student will be able to draw conclusions and make inferences from print and non-print materials dealing with familiar topics. The student will be able to ask questions, narrate and describe in original sentences, participate in casual conversations, give instructions and compose simple reports. ACTFL Proficiency scale (Intermediate-Mid Range)

Introduction to High School Latin
369931CW
Grades: 9-12
1 unit
Prerequisite: None
This course is an introductory level to Latin Language Learning. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their literacy skills as well as their global cultural awareness. ACTFL Proficiency scale (Novice-Low to Novice-Mid Range). This course does not count as a World Language elective for state or college entry requirements. This is a general elective course. (LBA)

Latin 1
363101CW
Grades: 9 – 12
1 unit
Prerequisite: None
An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. ACTFL Proficiency scale (Novice-Low to Novice-Mid Range)

Latin 2
363202CW
Grades: 9 – 11
1 unit
Prerequisite: Latin 1
This course is a sequel to Latin 1. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. ACTFL Proficiency scale (Novice-High to Intermediate-Low Range)

Latin 3
363303CW
Grades: 9 – 12
1 unit
Prerequisite: Latin 2
This course is a sequel to Latin 2. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. ACTFL Proficiency scale (Intermediate Low-Mid Range)

Latin 3 Honors
363303HW
Grades: 9 – 12
1 unit
Prerequisite: Teacher recommendation – Grade higher than 80 in Latin 2
This course is a sequel to Latin 2 that targets students that have shown exceptional capabilities on language acquisition at the previous level. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in a more rigorous and accelerated curriculum that includes activities that stimulate communication, promote a higher level of critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. The third year honors student will be able to understand the topic, main and secondary ideas in authentic materials, understand simple questions and answers and understand simple communications dealing with familiar topics. The student will be able to write original texts and questions to fulfill practical needs and write original notes and compositions. ACTFL Proficiency scale. (Intermediate Mid-Range)

Latin 4 Honors
363404HW
Grades: 10 – 12
1 unit
Prerequisite: Teacher recommendation – Grade higher than 80 in Latin 3 Honors
This course is a sequel to Latin 3 Honors. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their understanding of the literature of ancient Rome, and their linguistic and cultural awareness. The fourth year student will be able to draw conclusions and make inferences from print and non-print materials dealing with familiar topics. The student will be able to ask questions, narrate and describe in original sentences, participate in casual conversions, give instructions and compose simple reports. ACTFL Proficiency scale (Intermediate-Mid Range)

Latin 5 Honors
363605HW
Grades: 11 – 12
1 unit
Prerequisite: Teacher recommendation – Grade higher than 80 in Latin 4 Honors
This course is designed to offer students who have successfully completed Latin 4 Honors the opportunity to continue their language study. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. The instructor will also use a variety of authentic poetry, short stories, art, music, films and other media to provide for the students' linguistic and cultural enrichment. ACTFL Proficiency scale (Intermediate-Mid Range. Some may begin to demonstrate Intermediate-High characteristics in some of the modes)

Introduction to High School Spanish
369941CW
Grades: 9 – 11
1 unit
Prerequisite: None
This course is an introductory level to Spanish Language Learning. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their literacy skills as well as their global cultural awareness. ACTFL Proficiency scale (Novice-Low to Novice-Mid Range). This course does not count

as a World Language elective for state or college entry requirements. This is a general elective course. (LBA)

Spanish 1
365101CW
Grades: 9 – 10
1 unit
Prerequisite: None
An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. ACTFL Proficiency scale (Novice-Low to Novice-Mid Range)

Spanish 2
365202CW
Grades: 9 – 11
1 unit
Prerequisite: Spanish 1
This course is a sequel to Spanish 1. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. ACTFL Proficiency scale (Novice-High to Intermediate-Low Range)

Spanish 3
365303CW
Grades: 9 – 12
1 unit
Prerequisite: Spanish 2
This course is a sequel to Spanish 2. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. ACTFL Proficiency scale (Intermediate Low-Mid Range)

Spanish 3 Honors
365300HW
Grades: 9 – 12
1 unit
Prerequisite: Teacher recommendation – Grade higher than 80 in Spanish 2
This course is a sequel to Spanish 2 that targets students that have shown exceptional capabilities on language acquisition at the previous level. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in a more rigorous and accelerated curriculum that includes activities that stimulate communication, promote a higher level of critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. The third year honors student will be able to understand the topic, main and secondary ideas in authentic materials, understand simple questions and answers and understand simple communications dealing with familiar topics. The student will be able to write original texts and questions to fulfill practical needs and write original notes and compositions. ACTFL Proficiency scale. (Intermediate Mid-Range)

Spanish 4 Honors
365404HW
Grades: 10 – 12
1 unit
Prerequisite: Teacher recommendation – Grade higher than 80 in Spanish 3 Honors
This course is a sequel to Spanish 3 Honors. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. The fourth year student will be able to draw conclusions and make inferences from print and non-print materials dealing with familiar topics. The student will be able to ask questions, narrate and describe in original sentences, participate in casual conversations, give instructions and compose simple reports. ACTFL Proficiency scale (Intermediate-Mid Range)

Spanish 5 Honors
365505HW
Grades: 11 – 12
1 unit
Prerequisite: Teacher recommendation – grade higher than 80 in Spanish 4 Honors
This course is designed to offer students who have successfully completed Spanish 4 Honors the opportunity to continue their language study. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. The instructor will also use a variety of authentic poetry, short stories, art, music, films and other media to provide for the students' linguistic and cultural enrichment. ACTFL Proficiency scale (Intermediate-Mid Range. Some may begin to demonstrate Intermediate-High characteristics in some of the modes)

PHYSICAL EDUCATION

The physical education courses in the high school are organized so that students participate in a variety of activities. One unit of Physical Education 1, JROTC, or Marching Band with Physical Education is required for graduation.

Physical Education 1
(*Meets the PE graduation requirement*)
344100CW
Grades: 9
1 unit
Prerequisite: None
Physical Education 1 meets the graduation requirements for the State Department of Education. The physical education course in the high school is organized so that students participate in a variety of activities. This course meets the South Carolina Academic Standards for Physical Education and is the foundation course for all other physical education courses. (One unit of JROTC or Marching Band with Physical Education may substitute for Physical Education 1. The qualifying JROTC courses are 375110CW, 375120CW, or 375130CW. The qualifying Marching Band with Physical Education course is 353144CW).

Marching Band with Physical Education
(Meets the PE graduation requirement)
450841CW
Grades 9-12 (Recommended Grade 9)
1 unit
Prerequisite: For Marching Band with Physical Education: "C" or higher in Instrumental Music: Band - Advanced; teacher recommendation.
This course is for students who have experience in instrumental music either through individual instruction or in an advanced middle school band program. This course also meets the PE graduation requirement for all enrolled marching band students, including marching auxiliaries. The scope includes tone quality and intonation, rhythm and meter, notation and marching. This course promotes physically literate students who demonstrate knowledge and skills of fitness, physical movement, and cognitive knowledge of a healthy lifestyle. Students are required to participate in Fitness Gram. After-school and weekend rehearsals and performances are required. It is recommended that students also enroll in the Instrumental Music: Band - Concert course that parallels the marching band course. Students can only earn one unit of Marching Band with Physical Education.

PHYSICAL EDUCATION ELECTIVES

Physical Education 2
344201CW
Grades: 10-12
1 unit
Prerequisite: Physical Education 1
Physical Education 2 is an elective course at the high school level for students who have successfully completed the physical education requirement for graduation.

Physical Education 3: Aerobics
344203CH
Grades: 10 – 12
½ unit
Prerequisite: Physical Education 1
Aerobics is an elective course at the high school level for students who have successfully completed the physical education requirement for graduation.

Physical Education 2: Basketball/Aerobics
344224CH
Grades: 10 – 12
½ unit
Prerequisite: Physical Education 1
Basketball/Aerobics is an elective course at the high school level for students who have successfully completed the physical education requirement for graduation.

Physical Education 2: Basketball/Weightlifting
344238CH
Grades: 10 – 12
½ unit
Prerequisite: Physical Education 1
Basketball/Weightlifting is an elective course at the high school level for students who have successfully completed the physical education requirement for graduation.

Physical Education 2: Individual Sports
344211CH
Grades: 10 – 12
½ unit
Prerequisite: Physical Education 1
Individual Sports is an elective course at the high school level for students who have successfully completed the physical education requirement for graduation.

Physical Education 2: Team Sports
344201CH
Grades: 10 – 12
½ unit
Prerequisite: Physical Education 1
Team Sports is an elective course at the high school level for students who have successfully completed the physical education requirement for graduation.

Physical Education 2: Weightlifting
344205CH
Grades: 10 – 12
½ unit
Prerequisite: Physical Education 1
Weightlifting is an elective course at the high school level for students who have successfully completed the physical education requirement for graduation.

Body Conditioning 1
349911CW
Grade: 10
1 unit
Prerequisite: Successful completion of Physical Education 1
This course is a beginning level of weight training for males and females who are interested in improving their overall health and fitness levels. This course will be an introduction for most students with a focus on weight training that will also include a continuation of flexibility and cardiovascular fitness from the Personal Fitness and Lifetime Activity curriculum. The points of emphasis will be on students' creating a healthy lifestyle and functional body weight to enjoy physical activities throughout their lifetime. This course is a starting point to gain muscular strength and muscular endurance following a teacher designed program. (LBA)

Body Conditioning 2
349912CW
Grades: 10 – 12
1 unit
Prerequisite: Physical Fitness/Body Conditioning 1
This is a continuation of body conditioning for the students who are serious about their health and fitness level. All male and female students will be able to continue to gain muscular strength and muscular endurance through weight training and cardiovascular activities. This course is advanced and comprehensive in weight training, flexibility, and cardiovascular exercises with a specialized approach. All students can lift for specialized needs, either personal or athletic. The demands for this class will be more personalized with teacher-student involvement in creating programs. All students will design their own programs based upon a personal assessment. (LBA)

Body Conditioning 3
349913CW
Grades: 11 – 12
1 unit
Prerequisite: Physical Fitness/Body Conditioning 2
This course is designed for the student/athlete who has successfully completed the first two years of the Physical Fitness/Body Conditioning curriculum. The course is designed for the student/athlete who has a serious commitment to continuing to develop their bodies and create a lifestyle that they want to live. This course is highly advanced weight training and very specialized for the student's personal needs. All students will design an individual program with their own goals in mind. This will be done in conjunction with the teacher's assistance. The specialized sport programs can be implemented and designed for personal as well as athletic goals. (LBA)

HEALTH

Personal Health and Wellness
(*Required for Graduation*)
340200CH
Grade: 9-12
½ unit
Prerequisite: None
Personal Health and Wellness meets the graduation requirements for Richland School District One. Personal Health and Wellness is designed to help students develop the knowledge, attitudes, and skills to promote wellness, maintain health, and prevent disease. A minimum of 750 minutes of reproductive health, pregnancy prevention, and sexually transmitted disease along with consumer health, environmental health, growth and development, nutritional health, personal health prevention and control of diseases and disorders, safety and accident prevention, substance use and abuse, dental health, and mental and emotional health is required by the Comprehensive Health Education Act of 1988 in addition to community health. Erin's Law and Ronald Rouse's Law are embedded within the curriculum. One half unit of Personal Health and Wellness is required for graduation.

Family and Community Health
340100CH
Grade: 9-12
½ unit
Prerequisite: None
Family and Community Health is an elective health course that expands upon the personal health course to include instructional units on: public/ community health issues; health services, providers and resources; consumer health, safety; and environmental health. This course does not meet the requirement for Personal Health and Wellness.

JROTC

Students must be medically qualified to participate in a rigorous program of drill and physical fitness training. JROTC courses (375110CW or 375120CW or 375130CW) will meet the P.E. 1 requirement for graduation. These courses are highly recommended for students who are interested in this career field or if they want to develop self-discipline.

Army JROTC
375110CW
Grades: 9 – 10
1 unit
Prerequisite: Student must be medically qualified to participate in a rigorous program of drill and physical fitness training
This course introduces the Army JROTC program and prepares high school students for responsible leadership roles while making them aware of their rights, responsibilities, and privileges as American Citizens. Cadets receive basic instruction in oral and written communications, study habits, leadership, physical fitness, drill, ceremonies, first aid, military history, and citizenship. The Army uniform must be worn one entire school day each week and as otherwise scheduled. Physical training to include running, pull-up, sit-ups, and push-ups, must be performed one or more times each week. Cadets do not incur any military obligation. However, the successful completion of this course will entitle cadets to advanced rank in the Army and will also meet a graduation requirement for one unit in PE or JROTC 1.

Army JROTC 2
375210CW
Grades: 10 – 12
1 unit
Prerequisite: Successful completion of Leadership Education and Training 1 (77 or better), and approval by the senior instructor
Students must be medically qualified to participate in a rigorous program of drill. Cadets demonstrate knowledge of the ethical values and principles of good citizenship and display basic leadership skills. They receive instruction in wellness, fitness, first aid, substance abuse, citizenship, drill, ceremonies, and service learning. These cadets serve in “first line” leadership positions in the cadet battalion and assist in some instruction presented to first-year cadets. The Army uniform must be worn one entire school day each week and as otherwise scheduled. Physical training to include running, pull-up, sit-ups, and push-ups, must be performed one or more times each week. Cadets do not incur any military obligation. However, the successful completion of 2 or more years in JROTC can entitle cadets to placement credit in college Army ROTC and/or advanced rank in the military services.

Army JROTC 3
375310CW
Grades: 11 – 12
1 unit
Prerequisite: Successful completion of Leadership Education and Training 2 (80 or better), rank of SGT or higher, and approval by the senior instructor. Students must be medically qualified to participate in a rigorous program of drill
Cadets practice problem solving/decision-making techniques while serving in “middle management” leadership positions in the cadet battalion. They receive instruction in leadership, drill, public speaking, conflict resolution, career planning, financial planning, citizenship, and service learning. The Army uniform must be worn one entire school day each week and as otherwise scheduled. Physical training to include running, pull-up, sit-ups, and push-ups, must be performed one or more times each week. Cadets do not incur any military obligation. However, the successful completion of 2 or more years in JROTC can entitle cadets to placement credit in college Army ROTC and/or advanced rank in the military services.

A**rmy JROTC 4**
375410CW
Grades: 11 – 12
1 unit
Prerequisite: Successful completion of Leadership Education and Training 3 (85 or better), rank of SFC or higher, and approval by the senior instructor. Students must be medically qualified to participate in a rigorous program of drill and physical fitness training
Cadets practice problem solving/decision-making techniques while serving in key leadership and staff positions in the cadet battalion. Under instructor guidance, they run the day-to-day JROTC operations, plan all activities, and maintain administrative and logistical files. They receive instruction in the Department of Defense, leadership, financial planning, teaching skills, drill, ceremonies, and fitness. They assist in all instruction to younger cadets. The Army uniform must be worn one entire school day each week and as otherwise scheduled. Physical training to include running, pull-up, sit-ups, and push-ups, must be performed one or more times each week. Cadets do not incur any military obligation. However, the successful completion of 2 or more years in JROTC can entitle cadets to placement credit in college Army ROTC and/or advanced rank in the military services.

Army JROTC 5
375415CW
Grade: 12
1 unit
Prerequisite: Successful completion of Leadership Education and Training 4 (90 or better), rank of Cadet Officer or higher, and approval by the senior instructor. Students must be medically qualified to participate in a rigorous program of drill
Cadets continue to practice problem solving/decision-making techniques while serving in top leadership and staff positions in the cadet battalion. Under instructor guidance, the cadets run the day-to-day JROTC operations, plan all activities, and maintain administrative and logistical files. The cadets assist in instruction to junior cadets and are responsible for teaching basic skills. The Army uniform must be worn one entire school day each week and as otherwise scheduled. Physical training to include running, pull-up, sit-ups, and push-ups, must be performed one or more times each week. Cadets do not incur any military obligation. However, the successful completion of 2 or more years in JROTC can entitle cadets to placement credit in college Army ROTC and/or advanced rank in the military services.

Army JROTC 6
375416CW
Grade: 12
1 unit
Prerequisite: Successful completion of Leadership and Training 4 (90 or better), rank of Cadet Officer or higher, and approval by the senior instructor. Students must be medically qualified to participate in a rigorous program of drill and physical fitness training
Cadets continue to practice problem solving/decision-making techniques while serving in top leadership and staff positions in the cadet battalion. Under instructor guidance, the cadets run the day-to-day JROTC operations, plan all activities, and maintain administrative and logistical files. The cadets assist in instruction to junior cadets and are responsible for teaching basic skills. The Army uniform must be worn one entire school day each week and as otherwise scheduled. Physical training to include running, pull-up, sit-ups, and push-ups, must be performed one or more times each week. Cadets do not incur any military obligation. However, the successful completion of 2 or more years in JROTC can entitle cadets to placement credit in college Army ROTC and/or advanced rank in the military services.

Army JROTC 1 and 2
375411CH, 375412CH
Grades: 10 – 12
½ unit each
Prerequisite: Approval of the senior instructor. Students must be medically qualified to participate in a rigorous program of drill and physical fitness training
These courses provide an opportunity for cadets to practice the leadership and drill skills taught in the regular course, to study material not taught in the regular courses because of time, and to further develop teaching and leading techniques. Areas of concentration may include: drill, exhibition drill, color guard duties, saber drill, battalion parades, leadership, communications, first aid, battalion staff functions, physical training, adventure training, survival, summer camp preparation, marksmanship safety, and formal functions. The Army uniform must be worn one entire school day each week and as otherwise scheduled. Physical training to include running, pull-ups, sit-ups, and push-ups, must be performed one or more times each week. Cadets will be assigned areas of study based on needs of the unit, their individual skill levels, and their personal desires. Under instructor guidance, the cadets will be expected to determine essential questions for each learning unit, develop strategies for answering the questions, and help determine the performance criteria through group efforts. NOTE: Army JROTC Leadership Seminar I is not a prerequisite for Army JROTC Leadership Seminar II.

Aerospace Education 1
375130CW
Grades: 9 – 12
1 unit
Prerequisite: None
The course contains three subject areas Aerospace Science (40%), Leadership Education (40%), and Health and Wellness (20%). This is an introductory course to be taken by first year cadets. Aerospace Science study includes the history of aviation, cultural studies of six world regions, the science of flight, space exploration, astronomy, survival and management. Leadership Education offers students many opportunities to shape their character. Elements of good citizenship are instilled in students. They are introduced to the Air Force organizational structure, uniform wear, military customs and courtesies, flag etiquette, citizenship in the United States, first aid, health and wellness, fitness, individual self-control, basic drill and ceremonies, and effective communication. The Air Force uniform must be worn one entire school day each week. Cadets do not incur any military obligation by participating in this course. Successful completion of this course will meet the graduation requirement for one course in JROTC or PE.

Aerospace Education 2
375230CW
Grades: 10 – 12
1 unit
Prerequisite: Successful completion of Aerospace Education 1 and recommendation of the senior instructor
Aerospace Education 2 is a continuation of the core curriculum of Aerospace Science (40%), Leadership Education (40%), and Health and Wellness (20%); new topics in Aerospace Science and Leadership Education will be introduced in each successive year of Aerospace Education. Special attention is given to having Aerospace Education 2 students teach much of the Air Force drill and ceremonies, proper uniform wear, and exercises in the Health and Wellness Classes. The Air Force uniform must be worn one entire school day each week. Cadets do not incur any military obligation by participating in this course.

Aerospace Education 3
375330CW
Grades: 11 – 12
1 unit
Prerequisite: Successful completion of Aerospace Education 2 and recommendation of the senior instructor
Aerospace Education 3 is a continuation of the core curriculum of Aerospace Science (40%), Leadership Education (40%), and Health and Wellness (20%); new topics in Aerospace Science and Leadership Education will be introduced in each successive year of Aerospace Education. Special attention is given to having Aerospace Education 3 students assume more responsible leadership positions and management of the class planning, logistics and administrative functions. Students will continue to teach much of the Air Force drill and ceremonies, proper uniform wear, and exercises in the Health and Wellness Classes. The Air Force uniform must be worn one entire school day each week. Cadets do not incur any military obligation by participating in this course.

Aerospace Education 4
375430CW
Grades: 11 – 12
1 unit
Prerequisite: Successful completion of Aerospace Education 3 and recommendation of the senior instructor
Aerospace Education 4 is a continuation of the core curriculum of Aerospace Science (40%), Leadership Education (40%), and Health and Wellness (20%). This class emphasizes leadership, communication skills, and responsibility. Fourth-year cadets will focus on their individual concepts of leadership, teamwork, and effective and efficient cadet corps organization. Physical fitness planning, teaching, training, and execution will be expected from students in this class. The Air Force uniform must be worn one entire school day each week. Cadets do not incur any military obligation by participating in this course.

Aerospace Education 5
375435CW
Grades: 11 – 12
1 unit
Prerequisite: Minimum of two Aerospace Education credits for Aerospace Education 4, rank of Cadet Officer or higher, and the recommendation of the senior instructor
Aerospace Education 5 is a continuation of the core curriculum of Aerospace Science (40%), Leadership Education (40%), and Health and Wellness (20%). Students selected for this class will normally be the top leaders in the Corps of Cadets. This class will meet separately from other Aerospace Education classes. Under instructor guidance, the cadets are responsible for the day-to-day JROTC operations - planning of all activities, and maintaining administrative and logistical files. The cadets assist in instruction to junior cadets and some will be responsible for teaching basic skills. The AFJROTC uniform must be worn one entire school day each week. Cadets do not incur any military obligation by participating in this course.

Aerospace Advanced Skills 1
375131CW
Grades: 9 – 12
1 unit
Prerequisite: One or more units of JROTC (any service) and recommendation of the senior instructor
A performance oriented course which provides opportunities for cadets to practice and hone skills taught in other Aerospace Education Classes. This class will focus on learning and developing techniques to improve performance in one or more of the following skill sets: Drill Team, Honor guard, Saber Team, Color Guard, Aviation Adventure Team, Aircraft Recognition Team, Archery Team, or Kitty Hawk Air Society. The course curriculum will be comprised of Aerospace Science (40%), Leadership Education (40%), and Health and Wellness (20%). The AFJROTC uniform must be worn one entire school day each week. Cadets do not incur any military obligation by participating in this course.

Aerospace Advanced Skills 2
375212CW
Grades: 9 – 12
1 unit
Prerequisite: One or more units of JROTC (any service) and recommendation of the senior instructor
A performance oriented course which provides opportunities for cadets to practice and hone skills taught in other Aerospace Education Classes. Cadet**s** will take a leadership role in mentoring, teaching, and training other cadets on fundamental skills. This class will focus on learning and developing techniques to

improve performance in one or more of the following skill sets: Drill Team, Honor guard, Saber Team, Color Guard, Aviation Adventure Team, Aircraft Recognition Team, Archery Team, or Kitty Hawk Air Society. The course curriculum will be comprised of Aerospace Science (40%), Leadership Education (40%), and Health and Wellness (20%). The AFJROTC uniform must be worn one entire school day each week. Cadets do not incur any military obligation by participating in this course.

Aerospace Advanced Skills 3
375333CW
Grades: 9 – 12
1 unit
Prerequisite: One or more units of JROTC (any service) and recommendation of the senior instructor
A performance oriented course which provides opportunities for cadets to practice and hone skills taught in other Aerospace Education Classes. Cadets in this class will typically be the senior leaders of an AFJROTC performance based team. They will be responsible for organizing, planning, training, and mentoring the team to peak performance. This class will focus on learning and developing techniques to improve performance in one or more of the following skill sets: Drill Team, Honor guard, Saber Team, Color Guard, Aviation Adventure Team, Aircraft Recognition Team, Archery Team, or Kitty Hawk Air Society. The course curriculum will be comprised of Aerospace Science (40%), Leadership Education (40%), and Health and Wellness (20%). The AFJROTC uniform must be worn one entire school day each week. Cadets do not incur any military obligation by participating in this course.

Naval Science 1
375120CW
Grades: 9 – 12
1 unit
Prerequisite: Students must be physically qualified to participate in a rigorous program of drill and physical fitness training. Depending on medical history, a District Sports Physical may be required
This course introduces the Naval JROTC program. Cadets study the organization of the Navy, Naval operations, Naval history, leadership, health education, basic navigation, and seamanship. They learn basic military drill movements, how to march as part of a unit such as a squad, platoon, or company; and how to master the various close-order drill movements with and without rifles. Cadets learn how to be followers being led by more senior cadets, participate in physical fitness training, and take part in sports and events. The Naval uniform must be worn one entire school day each week and as otherwise scheduled. Those successfully completing Naval Science I may be selected to attend special basic military training at Mini-Boot Camp. Cadets do not incur any military obligation. However, the successful completion of 2 or more years of JROTC may entitle cadets to advanced rank in the military services. Successful completion of this course will meet the graduation requirement for one unit of PE or JROTC 1.

Naval Science 2
375220CW
Grades: 10 – 12
1 unit
Prerequisite: Successful completion of Naval Science 2 and recommendation of the senior instructor
Students must be medically qualified to participate in a rigorous program of drill and physical fitness training. Cadets study naval history, leadership, oceanography, first aid, maritime geography, and basic navigation. All cadets improve their marching and leadership abilities by participating in close-order drill sessions with and without rifles, by commanding other cadets in marching movements, and by conducting and taking part in physical fitness training and sports. The Naval uniform must be worn one entire school day each week and as otherwise scheduled. Those successfully completing Naval Science II may be selected for a summer Leadership Academy. Cadets do not incur any military obligation. However, the successful completion of 2 or more years of JROTC may entitle cadets to advanced rank in the military services.

Naval Science 3
375320CW
Grades: 11 – 12
1 unit
Prerequisite: Successful completion of Naval Science 2 and the recommendation of the senior instructor
Students must be medically qualified to participate in a rigorous program of drill and physical fitness training to include, but not limited to push-ups, sit-ups. Cadets study Naval history, leadership, astronomy, meteorology, military law, and international law. They participate in and command close-order drill marching units, with and without weapons. They undergo survival training and participate in organized sports. The Naval uniform must be worn one entire school day each week and as otherwise scheduled. Cadets successfully completing Naval Science III may be selected for further special summer military training. Cadets do not incur any military obligation. However, the successful completion of 2 or more years of JROTC may entitle cadets to advanced rank in the military services.

Naval Science 4
375420CW
Grades: 11 – 12
1 unit
Prerequisite: Successful completion of Naval Science 3 and the recommendation of the senior instructor
Students must be medically qualified to participate in a rigorous program of drill and physical fitness training to include, but not limited to pushups, sit-ups. Cadets do independent study of government, military law,

leadership, first aid, and life aboard naval vessels. They also act as teacher assistants for Naval Science I, II, and III courses. All cadets experience various leadership situations as they perform as the officer corps of the unit. They instruct and command other cadets in close order drill, personnel inspections and physical fitness training. The Naval uniform must be worn one entire school day each week and as otherwise scheduled. Cadets do not incur any military obligation. However, the successful completion of 2 or more years in JROTC can entitle cadets to advanced rank in the military services.

Naval Science 5
375425CW
Grades: 11 – 12
1 unit
Prerequisite: Successful completion of Naval Science 4, and the recommendation of the senior instructor
Students must be medically qualified to participate in a rigorous program of drill and physical fitness training to include, but not limited to push-ups, sit-ups. Cadets continue to practice problem solving/decision-making techniques while serving in the top leadership and staff positions in the cadet company. Under instructor guidance, the cadets are responsible for the day-to-day NJROTC unit operations, planning of all activities, and maintaining administrative and logistical files. The cadets assist in instruction to junior cadets and are responsible for teaching basic military skills. The Navy uniform must be worn one entire school day each week and as otherwise scheduled. Cadets enrolled in this class must also complete NJROTC physical fitness requirements. Cadets do not incur any military obligation. However, the successful completion of 2 or more years in JROTC can entitle cadets to advanced rank in the military services.

Naval Science 6
375426CW
Grades: 11 – 12
1 unit
Prerequisite: Successful completion of Naval Science 5 and the recommendation of the senior instructor
Students must be medically qualified to participate in a rigorous program of drill and physical fitness training to include, but not limited to push-ups, sit-ups. Cadets continue to practice problem solving/decision-making techniques while serving in the top leadership and staff positions in the cadet company. Under instructor guidance, the cadets are responsible for the day-to-day NJROTC unit operations, planning of all activities, and maintaining administrative and logistical files. The cadets assist in instruction to junior cadets and are responsible for teaching basic military skills. The Navy uniform must be worn one entire school day each week and as otherwise scheduled. Cadets enrolled in this class must also complete NJROTC physical fitness requirements. Cadets do not incur any military obligation. However, the successful completion of 2 or more years in JROTC can entitle cadets to advanced rank in the military services.

Naval Advanced Skills 1, 2, 3, 4
375121CW, 375222CW, 375323CW, 375424CW
Grades: 9 – 12
1 unit each
Prerequisite: One or more units of JROTC (any service); active Drill, Rifle, Academic Team, Color Guard, and/or principal staff member; and recommendation of the senior instructor
These performance oriented courses provide an opportunity for cadets to practice and extend skills not taught in the regular courses because of time, to further develop teaching and learning techniques, and to build Drill, Rifle, Color, and Academic Team proficiency. Areas of concentration may include: regulation and exhibition drill, color guard duties, sword drill, company/battalion parades, reviews and inspections, leadership and decision-making, map reading, land and sea navigation, physical fitness training, marksmanship safety, staff procedures and briefing techniques, and summer training preparation. The NJROTC uniform must be worn one entire school day each week and/or as otherwise scheduled. Cadets will be assigned areas of study based on needs of the unit, their individual skill levels, and their personal desires. Under instructor guidance, the cadets will be expected to determine essential questions for each learning unit, develop strategies for answering the questions, and help determine the performance criteria through group efforts. Also the courses need not be taken in sequence. Cadets do not incur any military obligation. However, the successful completion of 2 or more years in JROTC can entitle cadets to advanced rank in the military services.

Naval Leadership Seminar 1, 2
375421CH, 375422CH
Grades: 10 – 12
½ unit each
Prerequisite: Concurrent enrollment in regular JROTC course during the school year and recommendation of the senior instructor. Students must be physically qualified to participate in a rigorous program of drill and physical fitness training to include, but not limited
These courses provide an opportunity for cadets to practice and expand the leadership and military skills taught in the regular course, refine public speaking skills through practical application, and apply naval supply and administration procedures. Areas of concentration may include: ceremonies, planning and conduct of formal inspections, joint JROTC operations, the study of national strategy, staff planning, effective counseling techniques, naval supply functions, naval leadership traits, principals and practice, the theory of human motivation, Summer Leadership Camp preparation, advanced physical training techniques, and competition marksmanship application. Students are required to complete a selected Navy Correspondence Course. The Navy uniform must be worn one entire school day each week and as otherwise scheduled. Cadets will be assigned areas of study based on needs of the unit, their

individual skill levels, and their personal desires. Under instructor guidance, the cadets will be expected to determine essential questions for each learning unit, develop strategies for answering the questions, and help determine the performance criteria through group efforts.

Summer Leadership School 1
375141CH
Grades: 9 – 10
1⁄2 unit
Prerequisite: One or more units of Junior ROTC and recommendation of the senior instructor
Summer Leadership School is an intense round-the-clock performance oriented course that provides students an opportunity to learn leadership roles in their school and units. Students are placed in a living leadership laboratory and perform various leadership and fellowship roles each day. The curriculum consists of 36 hours of academic training involving classes in peer mediation, buddy first aide, drill and ceremonies, land navigation, marksmanship, orienteering, leadership skills, problem solving, and teamwork. An additional 36 hours of training involves participation in sportsmanship, physical training, and leadership roles practice. Students are scored in individual and team phases of training. Students live in student dormitories on the training campus under supervision and guidance of instructors. Students must wear the prescribed uniform during training.

Summer Leadership School 2
375242CH
Grades: 10 – 11
1⁄2 unit
Prerequisite: Successful completion of Summer Leadership 1, two or more units of Junior ROTC, and recommendation of the senior instructor
Summer Leadership School is an intense round-the-clock performance-oriented course that provides an opportunity for cadets to learn leadership roles in their schools and units. Second year students are placed in a living leadership laboratory and perform various leadership and training roles as cadre each day. The cadre cadets are placed in operational and support positions and are responsible to instruct or assist in instruction of various activities such as drill and ceremonies, land navigation, marksmanship, physical training, orienteering, leadership reaction problems, problem solving, teamwork, and sportsmanship exercises. Cadre Cadets are scored in individual and team phases of training. Students live in student dormitories on the training campus under supervision and guidance of instructors. Cadre, under the supervision of an instructor, are directly responsible for the training of SLS I cadets. Note: Students must be in top physical shape due to the intensity of the training.

Summer Leadership School 3
375343CH
Grades: 11 – 12
1⁄2 unit
Prerequisite: Successful completion of Summer Leadership 1 and II, three or more units of Junior ROTC, and recommendation of the senior instructor
Summer Leadership School is an intense round-the-clock performance oriented course that provides an opportunity for cadets to learn leadership roles in their schools and units. Third year students are placed in a living leadership laboratory and perform various leadership and training roles. These cadets perform the top leadership roles of the school and responsible to lead and train the SLS I and II cadets. Cadre cadets lead in activates such as drill and ceremonies, land navigation, marksmanship, physical training, orienteering, leadership reaction problems, problem solving, teamwork, and sportsmanship exercises, SLS cadets are scored in individual and team phases of training. Students live in student dormitories on the training campus under supervision and guidance of instructors. NOTE: Students must be in top physical shape due to the intensity of the training.

Ground School for Flying
375437CW
Grades: 11 - 12 (10, in exceptional cases)
1 unit
Prerequisite: Minimum one year of JROTC in any service. Instructor recommendation. (Instructor may require concurrent enrollment in JROTC 2, 3, or 4
Private Pilot Ground School. This is an Aviation Fundamental course that will prepare the student for the Federal Aviation Administration (FAA) Private Pilot written examination. The course includes a brief overview of airplanes and their components, principles of flight basic aerodynamic principles related to the four forces of flight, meteorology for pilots, basic navigation, aviation physiology, aircraft systems and performance, and FAA regulations. This ground school course is an advanced, in-depth study of aerospace topics and is the foundation for students interested in receiving a private pilot's license. When the course is completed, the students should be prepared to take and pass the FAS examination. As with other JROTC courses, cadets will be expected to meet or exceed grooming standards and conform to the rules and regulations that govern the JROTC program.

VISUAL AND PERFORMING ARTS

Visual and Performing Arts include Music (Instrumental and Vocal), Dance, Theatre (with Technical Theatre) and the Visual Arts. Students planning to attend a public college or university in South Carolina must have completed a minimum of one unit in Fine Arts (also known as Visual and Performing Arts). These courses provide an opportunity for students to gain knowledge and hands on experiences in the Visual and Performing Arts and reinforce the objectives outlined in the Profile of the S.C. Graduate by preparing learners to meet new challenges in college and career readiness through contextual knowledge, training, and life and career skills that will create a better prepared workforce for tomorrow (Prepared by the SC College and Career Readiness in the Arts Task Force, 2016). The arts allow students to celebrate and preserve our cultural heritages and explore the realms of expression, imagination and creativity resulting in new knowledge. Through these courses, students may learn about, create, and value visual and performing arts. These courses are aligned to the SC College- and Career- Ready Standards for Visual and Performing Arts Proficiency which are organized according to the artistic process: Creating; Producing, Performing, Presenting, Responding, and Connecting.

Instrumental Music: Band – Exploratory
359901CW
Grades: 9 – 12
1 unit
Prerequisite: Interest; Teacher recommendation
This course is for students who have not been enrolled in the regular sequence of the District Band Curriculum. It is designed to assist students in developing skills and talents to perform and participate in high school ensembles. Instruction will be based on the District Middle School Band Curriculum Guide. Limited ensemble participation which includes performances and rehearsals outside of regularly scheduled school hours may be required. Scope includes tone quality and intonation, rhythm and meter, keys, scales, rudiments, notation, mechanics of the instrument, individual and group performance, sight-reading and ear training, form and analysis, music history, humanistic skills, and aesthetic valuing. (LBA)

Instrumental Music: Band – Concert 1, 2, 3, 4
353111CW, 353212CW, 353313CW, 353414CW
Level 1: Grades: 9 – 12
Level 2: Grades: 10 – 12
Level 3: Grades: 11 – 12
Level 4: Grade: 12
1 unit each
Prerequisite: For Level 1: "C" or higher in Instrumental Music: Band – Advanced; teacher recommendation. For Levels 2, 3, 4: "C" or higher in previous courses in the numbering sequence of Instrumental Music: Band - Concert; teacher recommendation.
These courses are designed for students who have had experience in middle school performing ensembles and previous courses in the numbering sequence for Instrumental Music: Band - Concert. Required rehearsals and performances outside of regularly scheduled school hours are an integral part of the coursework. Scope includes tone quality and intonation, rhythm and meter, keys, scales, rudiments, notation, mechanics of the instrument, individual and group performance, sight–reading and ear training, form and analysis, music theory, humanistic skills and aesthetic valuing. This course may be offered as a complete ensemble consisting of brass, woodwind, and percussion, or as a single section, or as a combination of any two.

Instrumental Music: Band – Concert 3 Honors & 4 Honors
353313HW, 353414HW
Level 3: Grades: 11 – 12
Level 4: Grade: 12
1 unit each
Prerequisite: "C" or higher in previous courses in the numbering sequence of Instrumental Music: Band - Concert; teacher recommendation.
These courses are designed for advanced students who have successfully completed previous courses in Instrumental Music: Band - Concert and who are interested in pursuing honors credit. The level 3 and 4 honors courses are more demanding than the CP level of Instrumental Music: Band –Concert, and include extension, acceleration and enrichment activities. Students will be required to perform advanced instrumental techniques. Students are required to participate in ensembles outside of the school setting, take an active leadership role in the band organization, meet a required level of personal practice, and, at level 4 honors, successfully complete personalized honors level projects which integrate rigorous, complex, challenging, and creative activities. . Students must show growth in assessments aligned with honors level curriculum. These courses may be offered as a complete ensemble consisting of brass, woodwind, and percussion, or as a single section, or as a combination of any two.

Instrumental Music: Band – Marching 1, 2, 3, 4
353122CW, 353222CW, 353323CW, 353424CW
Level 1: Grades: 9 – 12
Level 2: Grades: 10 – 12
Level 3: Grades: 11 - 12
Level 4: Grade: 12
1 unit each
Prerequisite: For Instrumental Music: Band – Marching 1: "C" or higher in Instrumental Music: Band - Advanced; teacher recommendation. For Instrumental Music: Band - Marching 2, 3 & 4; "C" or higher in previous courses in the numbering sequence of Instrumental Music: Band – Marching course is required.
These courses are for students who have experience in instrumental music either through individual instruction or in an advanced middle school band program. Scope includes tone quality and intonation, rhythm and meter, notation and marching. After-school and weekend rehearsals and performances are required as well as enrollment in the comparable Concert Band course. It is recommended that students also enroll in the Instrumental Music: Band - Concert course that parallels the marching band course. These four courses do not count as Physical Education; refer to course number 450841CW for information about Marching Band with Physical Education.

Instrumental Music: Band – Marching 3 Honors & 4 Honors
353323HW, 353424HW
Level 3: Grades: 11 – 12
Level 4: Grade: 12
1 unit each
Prerequisite: "C" or higher in previous courses in the numbering sequence of Instrumental Music: Band -Marching; teacher recommendation.
These courses are designed for advanced students who have successfully completed previous courses in Instrumental Music: Band -Marching and who are interested in pursuing honors credit. Levels 3 and 4 honors courses are more demanding than the CP level of Instrumental Music: Band- Marching, and include extension, accelerations and enrichments activities. Students will be required to perform advanced musical techniques, meet a required level of personal practice, as well as perform in a variety of leadership roles including, but not limited to: drum majors, band captains, drill instructors, squad leaders, librarians, uniform managers, and band officers, and, at level 4 honors, successfully complete personalized honors level projects which include rigorous, complex, challenging, and creative activities. Students must show growth in assessments aligned the honors level curriculum. It is recommended that students also enroll in the Instrumental Music: Band - Concert course that parallels the marching band course.

Instrumental Music: Jazz Band 1, 2, 3, and 4
453122CW, 453222CW, 453322CW, 453422CW
Level 1: Grades: 9 – 12
Level 2: Grades: 10 – 12
Level 3: Grades: 11 – 12
Level 4: Grade: 12
1 unit each
Prerequisite: For Instrumental Music: Jazz Band 1, Audition; teacher recommendation. For Instrumental Music: Jazz Band 2, 3, and 4: "C" or higher in previous course in the numbering sequence; teacher recommendation.
These courses are designed for students with previous experience in playing brass, percussion or woodwind instruments. They are performance- oriented courses providing individualized and group instruction in the various styles of modern music. Specifics of jazz articulation and phrasing, rock music techniques, rhythm and blues and improvisations will be developed. Expanded musical repertoire, styles, and genres will be studied. A historical and social perspective of jazz and rock will be explored. Material studied in these courses will not typically be covered in the regular concert or marching band courses.

Instrumental Music: Guitar 1, 2, 3 and 4
356701CW, 458002CW, 458103CW, 458204CW
Level 1: Grades: 9 – 12
Level 2: Grades: 10 – 12
Level 3: Grades: 11 - 12
Level 4: Grade: 12
1 unit each
Prerequisite: For Instrumental Music: Guitar 1: Teacher recommendation and student interest. For Instrumental Music: Guitar 2, 3, and 4: Previous course in the numbering sequence of Guitar.
These courses provide students with group and individualized instruction in beginning through advanced guitar. Students will learn guitar principals, basic music theory, and the fundaments of song structure. Students will explore varied repertoire, styles, and techniques. Scope includes instrument maintenance, mechanics, musical notation and tablature, rhythm and meter, scales, chords and chord progressions, tone quality, and intonation. Required rehearsals and performances outside of regularly scheduled school hours are an integral part of coursework.

Instrumental Music: Guitar 3 Honors and Guitar 4 Honors
458103HW, 458204HW
Grades: 11 – 12
Level 4: Grade: 12
1 unit each
Prerequisite: Previous courses in the numbering sequence and teacher recommendation.
These courses are designed for advanced students who have successfully completed previous courses in Instrumental Music; Guitar and are interested in pursuing honors credit. Levels 3 and 4 honors courses are more demanding than the CP level of Instrumental Music;

Guitar, and in include extension, acceleration and enrichment activities. Students will be required to perform advanced instrumental techniques needed to perform advanced repertoire pieces. Students are required to participate in ensemble and solo performances outside of the school setting, assume leadership responsibilities in Guitar ensembles, meet a required level of personal practice, and, at level 4 honors, complete personalized honors level projects which include rigorous, complex, challenging, and creative activities. Students must show growth in assessments aligned with honors level curriculum.

Instrumental Music: Steel Drums 1, 2, 3, and 4
454801CW, 454802CW, 454803CW, 454804CW
Level 1: Grades: 9 – 12
Level 2: Grades: 10 – 12
Level 3: Grades 11 – 12
Level 4: Grade 12
1 unit each
Prerequisite: None
These courses are designed for high school students to develop their ability to read and play music on Steel Drums. Immersed in all aspects of music, student transcribe songs, learn to sight-read accurately and expressively, and analyze forms of music as to musical elements, techniques and use of form. Students perform by themselves and ensembles songs including traditional calypso to current modern music accurately and artistically. Students will also study musicians, historical aspects, and music developed in various cultures and time periods. Students will develop the ability, using specific criteria for judging and evaluating the quality and effectiveness of music and performances, to better understand why and how peoples from diverse parts of the world create and respond to music. Students will then apply the same criteria to their own work, and explore connections, relationships and applications about how music relates to careers. Students have the opportunity to perform in the class setting, as well as in public performances. They will develop principals of ensemble membership and responsibilities that accompany the care of those relationships, and the care of the equipment entrusted to them. Rehearsals and performances outside of class are required.

Instrumental Music: Orchestra - Strings 1, 2, 3 and 4
355102CW, 355200CW, 355300CW, 355400CW
Level 1: Grades: 9 – 12
Level 2: Grades: 10 – 12
Level 3: Grades: 11 - 12
Level 4: Grade: 12
1 unit each
Prerequisite: For level 1: "C" or higher in Instrumental Music: Orchestra – Strings, Intermediate Middle School; teacher recommendation. For levels2, 3, and 4: "C" or higher in the previous course in the numbering sequence; teacher recommendation.
These courses are designed for students with previous instruction in Orchestra - Strings. Further study of the basic elements of music, development of skills, and advanced studies of technique will be emphasized. Students are encouraged to participate in orchestras outside of their own school, such as the Columbia Youth Orchestra and Richland One Honor Orchestra, SCMEA Regional Orchestra, and other SCMEA sponsored events. Scope includes tone quality, rhythm and meter, keys and scales, sight-reading, intonation, musical terms, symbols and signs, mechanics of the instruments, aural skills, humanistic skills, and musical heritage.

Instrumental Music: Orchestra - Strings 3 Honors & 4 Honors
355300HW, 355400HW
Level 3: Grades: 11 – 12
Level 4: Grade: 12
1 unit each
Prerequisite: "C" or higher in the previous course in the numbering sequence; teacher recommendation.
These courses are designed for advanced orchestra students who have successfully completed previous courses in Instrumental Music: Orchestra – Strings, and who are interested in pursuing and receiving honors credit. The level 3 and 4 honors courses are more demanding than the CP level of Instrumental Music: Orchestra – Strings, and include extension, acceleration and enrichment activities. Students will be required to perform advanced instrument techniques needed to perform grade level IV and above orchestral music. Required performances and after school rehearsals are integral parts of the coursework. Students are required to audition for orchestras outside of their own school orchestra, take an active leadership role within the Orchestra – Strings organization, meet required levels of personal practice and, at level 4 honors, successfully complete personalized honors level projects which include rigorous, complex, challenging, and creative activities. Students must show growth in assessments aligned with honors level curriculum.

Instrumental Music: Piano 1 and 2
454100CW, 454200CW
Grades: 9 – 12
1 unit
Prerequisite: For Instrumental Music: Piano 1: Interest in playing piano, composition and music technology. For Instrumental Music: Piano 2: Instrumental Music: Piano 1
These courses are designed for instruction in the basic fundamentals of piano keyboard playing, composition, music technology, music theory, individual and group playing, sight-reading, and ear training. Instrumental Music: Piano 2 will expand to include more demanding technical skills and repertoire.

World Music 1
458401CW
Grades: 9-12
1 unit
Prerequisite for World Music 1: None
This course is designed for fundamental instruction in music from around the globe. It integrates cultural and geographical knowledge, both past and present instruments, musical notation, and musical form. Students will identify and perform a variety of music from a broad world sample and will generate music in various world styles. Instrumentation may include, but is not limited to Steel Drums, African Drums other percussion, a variety of flutes, etc. Rehearsals and performances outside of regularly scheduled school hours may be required.

World Music 2
459972CW
Grades: 9-12
1 unit
Prerequisite: World Music 1; teacher recommendation
This course is designed for instruction in music from around the globe. They integrate cultural and geographical knowledge, both past and present instruments, musical notation, and musical form. Students will identify and perform a variety of music from a broad world sample and will generate music in various world styles. Instrumentation may include, but is not limited to Steel Drums, African Drums other percussion, a variety of flutes, etc. This course builds upon the fundamentals of World Music 1, and extends the scope of content, as well as the level of repertoire and performance requirements. Rehearsals and performances outside of regularly scheduled school hours may be required. (LBA)

Music Appreciation 1
356101CW
Grades 9-12
1 unit
Prerequisite: None
Music Appreciation (1 unit) is for students who enjoy music and wish to learn more about it role and importance in our lives. The course delves deeply into topics such as music as an expression of who we are, music as an invitation to move, music to let us create, music to understand life's meaning, music to tell the story of our lives, music to chronicle history, and music to characterize an age are included. Students study music through recordings, films, written materials, and electronic media. This course involves more rigorous studies and broader explorations of the same topics addressed in the ½ unit offering.

Music Appreciation 1
356100CH
Grades 9-12
1⁄2 unit
Prerequisite: None
Music Appreciation (1/2 unit) is for students who enjoy music and wish to learn more about its role and importance in our lives. Topics such as music as an expression of who we are, music as an invitation to move, music to let us create, music to understand life's meaning, music to tell the story of our lives, music to chronicle history, and music to characterize an age are included. Students study music through recordings, films, written materials, and electronic media.

Music Theory
459974CW
Grades: 11 – 12
1 unit
Prerequisite: Previous music training; Teacher recommendation
Music Theory is designed for serious students of music. It is a basic course of study in music styles and structure. Scales, chords, keys, modes, meter, and rhythm are taught through sight-singing and keyboard experience, written theory, and composition. (LBA)

Chorus 1, 2, 3 and 4
354103CW, 354200CW, 354300CW, 354400CW
Level 1: Grades: 9 – 12
Level 2: Grades: 10 – 12
Level 3: Grades: 11 - 12
Level 4: Grade: 12
1 unit each
Prerequisite: For Chorus 1: "C" or higher in Middle School Chorus - Advanced; teacher recommendation. For Chorus 2, 3 and 4: "C" or higher in previous courses in the numbering sequence; teacher recommendation.
These courses are designed for students with previous experience in choral music singing. Students may be included in the performance groups representing the school and district, regional and state functions. Students will also be encouraged to audition for district, community, state, and national choral groups. Students will study vocal techniques, a wide range of repertoire, musicality, self-direction, and improvement of individual vocal skills. All performances are mandatory. After school rehearsals may be necessary. A special outfit may be required at the discretion of the director.

Chorus 3 Honors & 4 Honors
354300HW, 354400HW
Level 3: Grades: 11 – 12
Level 4: Grade: 12
1 unit each
Prerequisite: "C" or higher in the previous course in the numbering sequence; teacher recommendation.
These courses are designed for advanced students who have successfully completed previous courses in Chorus and who are interested in pursuing honors credit. An audition and/or Choral teacher recommendation is required. Levels 3 and 4 honors courses are more demanding than the CP level of Chorus, and include extension, acceleration, and enrichment activities. Students will be required to perform advanced high school repertoire and techniques. Students are required to participate in ensembles outside of the school setting, take an active role in leadership duties, meet a required level of personal practice, and, at level 4 honors, successfully complete personalized honors level projects which include rigorous, complex, challenging and creative activities. Students must show growth in assessments aligned with honors level curriculum. After school rehearsals are required. A special outfit may be required at the discretion of the director.

Dance: Exploratory
459961CH
Grades 9-12
1/2 Unit
Prerequisite: Interest and Teacher recommendation
This course is designed to allow students who have little or no previous training to begin dance instruction at the high school level. It allows students to explore the discipline of Dance by focusing on movement/ dance vocabulary, applying choreographic tools and composition principles in evaluating dance works, promoting functional and artistic use of the movement/dance elements – body, space, time, dynamics/ effort, and relationships, and developing awareness of the body as an instrument of expression. No course prerequisites are required other than student expressed interest and teacher recommendation. The ½ unit Dance: Exploratory course moves at a more accelerated pace than the 1-unit course. (LBA)

Dance: Exploratory
459961CW
Grades 9-12
1 Unit
Prerequisite: Interest and Teacher recommendation
This course is designed to allow students who have little or no previous training to begin dance instruction at the high school level. It allows students to explore the discipline of Dance by focusing on movement/ dance vocabulary, applying choreographic tools and composition principles in evaluating dance works, promoting functional and artistic use of the movement/dance elements – body, space, time, dynamics/ effort, and relationships, and developing awareness of the body as an instrument of expression. No course prerequisites are required other than student expressed interest and teacher recommendation. This course involves more rigorous studies and broader explorations of the same topics addressed in the ½ unit offering. (LBA)

Dance 1, 2, 3 and 4
450102CW, 450204CW, 450306CW, 450408CW
Level 1: Grades: 9 – 12
Level 2: Grades: 10 – 12
Level 3: Grades: 11 - 12
Level 4: Grade: 12
1 unit each
Prerequisite: For Dance 1: Completion of Dance at the Middle School level with a "C" or higher, or a passing score on the Gifted and Talented-Artistic audition/ screening; teacher recommendation. For Dance: 2, 3 and 4: "C" or higher in the previous course in the numbering sequence; teacher recommendation.
These courses are designed to further develop strength, flexibility, control, and endurance. Concentration will be placed upon accurate execution of skills in isolated form and in combinations of increasing length and difficulty. Scope includes intense and practical study of dance as communication, continued mastery of a minimum of 4 dance styles and genres, elements of production, careers in dance, the importance of dance to lifetime fitness, and dance history. Participation in performances is mandatory. Some after school rehearsals may be required. Special clothing and shoes may be required at the discretion of the instructor.

Dance 3 Honors & 4 Honors
450306HW, 450408HW
Level 3: Grades: 11 – 12
Level 4: Grade: 12
1 unit each
Prerequisite: "C" or higher in the previous course in the numbering sequence; teacher recommendation.
These courses are designed for advanced students who have successfully completed previous courses in Dance and who are interested in pursuing h honors credit. Levels 3 and 4 honors courses are more demanding than the CP levels of Dance, and include extension, acceleration, and enrichment activities. Students will be required to investigate preparation for dance professions and the options for training beyond the secondary level. Students are required to attend performances and/or participate in dance ensembles outside of the school settings, take a leadership role in the dance organization, meet a required level of personal practice, and at level 4, successfully complete personalized honors level projects and presentations which include rigorous, complex, challenging and creative activities. Students must show growth in assessments aligned with the honors level curriculum.

Theatre: Exploratory
459951CH
Grades: 9 – 12
1⁄2 unit
Prerequisite: Interest and Teacher recommendation
This course is designed to allow students who have little or no previous training to begin Theatre instruction at the high school level. It allows students to explore the discipline of Theatre, focusing on an introduction to the methods and skills of acting within the classroom context. Students will learn and apply basic acting techniques to acting labs, acting exercises, monologues and/or scenes, audition techniques, movement, and voice. No course prerequisites are required other than student expressed interest and teacher recommendation. The ½ unit Theatre: Exploratory course moves at a more accelerated pace than the 1 unit course. (LBA)

Theatre: Exploratory
459951CW
Grades: 9 – 12
1 unit
Prerequisite: Interest and Teacher recommendation
This course is designed to allow students who have little or no previous training to begin Theatre instruction at the high school level. It allows students to explore the discipline of Theatre, focusing on an introduction to the methods and skills of acting within the classroom context. Students will learn and apply basic acting techniques to acting labs, acting exercises, monologues and/or scenes, audition techniques, movement and voice. No course prerequisites are required other than student expressed interest and teacher recommendation. This course involves more rigorous studies and broader explorations of the same topics addressed in the ½ unit offering. (LBA)

Technical Theatre Arts
452500CH
Grades: 9 – 12
1⁄2 unit
Prerequisite: Interest and Teacher recommendation
This course is designed to allow students to begin drama instruction at the high school level who have little or no previous training. It allows students to explore the discipline of Theatre focusing on an introduction to the methods and skills of technical theatre. It allows students to learn and apply technical knowledge to hands-on experiences in such areas as set construction, scenic painting, lighting (hanging, focusing, and board operation), sound (editing, mixing, and board operation), costume construction, and makeup for the stage. Students may be offered the opportunity to apply practical skills to live performances such as plays, musicals, band, orchestra or chorus concerts, and dance performances. The ½ unit Technical Theater Arts course moves at a more accelerated pace than the 1 unit course.

Technical Theatre Arts
452500CW
Grades: 9 – 12
1 unit
Prerequisite: Interest and Teacher recommendation
This course is designed to allow students to begin drama instruction at the high school level who have little or no previous training. It allows students to explore the discipline of Theatre focusing on an introduction to the methods and skills of technical theatre. It allows students to learn and apply technical knowledge to hands-on experiences in such areas as set construction, scenic painting, lighting (hanging, focusing, and board operation), sound (editing, mixing, and board operation), costume construction, and makeup for the stage. Students may be offered the opportunity to apply practical skills to live performances such as plays, musicals, band, orchestra or chorus concerts, and dance performances. This course involves more rigorous studies and broader explorations of the same topics addressed in the ½ unit offering.

Theatre 1, 2, 3, and 4
452100CW, 452200CW, 452300CW, 452400CW
Level 1: Grades: 9 – 12
Level 2: Grades: 10 - 12
Level 3: Grades: 11 - 12
Level 4: Grade: 12
1 unit each
Prerequisite: For Theatre 1: Completion of Theatre: Advanced at the Middle School level with a "C" or higher, or a Passing Score on the Gifted and Talented-Artistic audition/screening; teacher recommendation. For Theatre 2, 3 & 4: "C" or higher in the previous course in the numbering sequence; teacher recommendation.
These courses are designed to further develop skills and knowledge of Theatre. The courses will consist of a historical survey of Theater, stressing major movements, literature, writers, and actors of these periods. This survey will serve as a basis for all modern techniques. Practical application of acting techniques will begin with the basic Stanislavski system and will include movement, relaxation, and vocal development exercises and stage dialects; improvisation, monologue, and scene study; play analysis and character development. Modern acting techniques may also be explored. Scope also includes the technical aspects of Theatre production. All of these aspects of theater will be taught in the classroom and in practical application through public performances of full-length plays, evenings of one-act plays, or the equivalent. Participation in performances is mandatory. Some after school rehearsals may be required. Special clothing and shoes may be required at the discretion of the instructor.

Theatre 3 Honors and 4 Honors
452300HW, 452400HW
Level 3 Honors: Grades: 11 – 12
Level 4 Honors: Grade: 12
1 unit each
Prerequisite: "C" or higher in the previous course in the numbering sequence; teacher recommendation.
These courses are designed for advanced students who have successfully completed previous courses in Theatre and who are interested in pursuing honors credit. Levels 3 and 4 honors courses are more demanding than the CP level of Theatre, and include extension, acceleration, and enrichment activities. There will be a concentrated study of various theatre careers besides acting. Students will be required to perform advanced theatrical techniques and are required to participate in theatrical experiences outside of the school setting. They are required to take a leadership role in the theatre program, meet a required level of personal practice and, at level 4 honors, successfully complete personalized honors level projects which include rigorous, complex, challenging, and creative activities. Students must show growth in assessments aligned with honors level curriculum.

Art 1
350100CW
Grades: 9-12
1 unit
Prerequisite: None
This is an introductory course to both two-dimensional and three-dimensional design. This studio-based course will focus on drawing, painting, and sculpture. Emphasis is placed on knowledge of basic design concepts in visual art expression. This course is meant to expose students to a variety of art materials, styles and processes.

Art 2 and 3
350200CW, 350300CW
Level 2: Grades: 10 – 12
Level 3: Grades 11 – 12
1 unit each
Prerequisite: "C" or higher in the previous course in the numbering sequence; teacher recommendation
These courses are designed for in-depth studio experiences in drawing, painting, printmaking, sculpture and contemporary approaches to creating and responding to works of art. Exposure to the historical and cultural backgrounds of various periods and artists is included. Portfolios are developed, maintained, and assessed in this course Level 3 expands and extends art experiences.

Art 3 Honors
350300HW
Grades: 11 – 12
1 unit
Prerequisite: "C" or higher in the previous course in the numbering sequence; teacher recommendation
This course is based on the requirements for the Breadth section for the AP Studio Art 2D Design Portfolio, the AP Studio Art Drawing Portfolio, or the AP Studio Art 3D Design portfolio It is designed for highly motivated, well-prepared students who desire to produce art in a college-level environment while still in high school. The students must develop a plan for their personalized art projects that meet the approval of the art teacher and which include rigorous, complex, challenging, and creative elements. A quality portfolio must be developed and maintained. Critique sessions with the art teacher are required upon completion of each project. Gallery exhibition preparation and participation is required.

Art: Ceramics 1 and Art: Ceramics 2
456100CW, 456200CW
Level 1: Grades: 10 – 12
Level 2: Grades: 11 – 12
1 unit each
Prerequisite: For Ceramics 1: "C" or higher in Art 1; teacher recommendation. For Ceramic 2: "C" or higher in previous course in numbering sequence; teacher recommendation.
These courses are designed to expose students to ceramics with an emphasis on the basic process of preparing, decorating, glazing, and firing clay, exploration of clay, fundamental hand building processes (pinch, coil, and slab), clay decoration, and glazing techniques are included. Ceramics skills and techniques will increase in rigor in level 2.

Art: Drawing 1 and Art: Drawing 2
352100CW, 352200CW
Level 1: Grades: 10 – 12
Level 2: Grades: 11 – 12
1 unit each
Prerequisite: For Drawing 1: "C" or higher in Art; teacher recommendation. For Drawing 2: "C" or higher in the previous course in numbering sequence; teacher recommendation.
These courses are designed to focus on the art of drawing. Skill development, use of various media and techniques, and the fundamentals of learning to "see" and make marks are emphasized. Basic media include graphite, charcoal, ink, and pastels. Extensive sketching and maintaining a portfolio are required during the courses. Drawing skills and techniques will increase in rigor in level 2.

Art: Painting 1 and Art: Painting 2
352500CW, 352600CW
Level 1: Grades: 10 – 12
Level 2: Grades: 11 – 12
1 unit each
Prerequisite: For Art: Painting 1: "C" or higher in Art 1; teacher recommendation. For Art: Painting 2: "C" or higher in the previous course in sequence; teacher recommendation.
These courses are designed to focus on the art of painting. Skill development, use of various media and techniques, color theory, and drawing as painting fundamentals are emphasized. A variety of media and approaches to painting are explored regarding important historical periods, trends, and artists. Portfolios are developed, maintained, and assessed in this course. Painting skills and techniques will increase in rigor in level 2.

Art: Photography 1 and Art: Photography 2
456600CW, 456700CW
Level 1: Grades: 10 – 12
Level 2: Grades: 11 – 12
1 unit each
Prerequisite: For Art: Photography 1: "C" or higher in Art 1; teacher recommendation. For Art: Photography 2: "C" or higher in the previous course in sequence; teacher recommendation.
These courses are designed for students interested in the art of photography. They will primarily focus on digital photography, but may also include traditional black and white photography. The fundamentals of using the camera and composition will be covered. Information on the history of photography, photographic criticism, and historical/contemporary photographers are included. Additional topics will include technical advances in photography, and various photographic techniques. A portfolio must be developed and maintained. Photography skills and techniques will increase in rigor in level 2.

Art: 3-D Design 1
350501CW
Grades: 10 – 12
1 unit
Prerequisite: "C" or higher in Art 1; teacher recommendation.
This course is designed for students interested in three-dimensional and relief sculpture. The basic sculptural processes of carving, assemblage, and modeling (additive and subtractive) with a variety of material and techniques are included. Materials such as wire, plaster, wood, clay, cardboard, foam, and found objects are included in the course. Sculpting skills and techniques will increase in rigor based on student interest and preparation.

Art History
358801CW
Grades: 9 – 12
1 unit
Prerequisite: None
This course is a very broad-ranging introductory survey of art, from prehistoric times to the present. Students will look at major forms of artistic expression from various cultures. They will learn to look and analyze works of art. Students will develop an understanding that relates to how and why works of art communicate visual meaning. The course will include studio projects to supplement the students understanding. This course is highly recommended prior to taking AP Art History.

GENERAL ELECTIVES

SAT Verbal Preparation
401100CH
Grades: 10 – 12
½ unit
Prerequisite: None
Exam Power will emphasize the specialized reading skills needed for college, including enriching vocabulary, strengthening comprehension through critical reading, and taking academic tests. Students will learn test-taking strategies for taking standardized tests such as the Scholastic Aptitude Test and for answering essay questions.

Writing for SAT 1
309902CH
Grade: 1
½ unit
Prerequisite: English I
Created for those who will take the SAT I, the course is designed to familiarize students with the writing component of the SAT I. Students will learn the format for constructing the persuasive essay in a limited time frame. Other modes of writing will also be addressed. (LBA)

ACT Preparation
379923CH
Grades: 10 – 12
½ unit
Prerequisite: None
In this course students will prepare to take the ACT examination. They will review item types, complete practice tests, and learn test-taking strategies specific to the ACT. In addition, they will review how scores are reported. (LBA)

Driver and Traffic Safety ED
370100CH
Grades: 10 – 12
½ unit
Prerequisite: None
Driver and Traffic Safety Education is designed to produce better and safer drivers by teaching the student proper methods and techniques involved in defensive driving. This course is not available to seniors and licensed drivers. Students must be 15 years of age and have a learner's permit to enroll in this class.

High School 101
379906CW
1 unit (Grade 9-10)
379906CH
½ unit (Grade 9 only)
Prerequisite: None
The goal of High School 101 is to assist students with the development of skills necessary for personal, social, academic, and career success. While providing orientation activities related to the school and staff, this course offers opportunities for improving study skills, decision-making skills, and communication skills. Lessons include topics on school history, activities and programs, interpersonal relationships, conflict resolution skills, self-awareness, and career planning. (LBA)

Literature and Film
309913CW
Grades: 11 – 12
1 unit
Prerequisite: Teacher Recommendation
Students will view and review a film that correlates thematically, stylistically, and/or structurally with a literary reading. Subject matters will include most genres, written and film, and will allow many opportunities for discussion, creative projects, and writing. (LBA)

Olympia High School STEM Exploratory
379993CH
Grades: 9 - 10
½ unit
Prerequisite: None
The STEM Lab will serve students in grades 9 - 12. This course is designed to offer an educational choice for academically motivated students interested in rigorous and relevant studies in science, technology, engineering and mathematics. Students will gain relevant, real-world, hands-on experience with cutting-edge technology and learn the importance of STEM subjects in all aspects of the world today. Students will have an option of exploring the following career related fields: Alternative Energy, Communications Technology, Environmental Technology, Multimedia Production, and Transportation Technology. This course will provide students with 21st century high-tech communication skills, presentation and workplace skills, project management and team leadership expertise, STEM research, international awareness and perspectives, global social consciousness, and a commitment to lifelong learning. Hands on projects and presentations will be required in this course. (LBA)

Technology for the 21st Century (Olympia Learning Center)
539903CW
Grades: 10-12
1 unit
Prerequisite: None
Technology for the 21st Century is a dynamic program of study activity in a laboratory setting. It provides students, by design, with a broad set of experiences in solving technological problems using the technological problem-solving method; higher-order thinking skills; individual and collaborative ingenuity; and a variety of resources including formation, tools, an materials. Students will learn the positive and negative impacts of technology. Students apply knowledge, creativity and resources to solve real world, context-based problems in the topic areas of communication, construction, transportation and manufacturing. Students will apply science, math, language, and social sciences to form solutions to

technology-based problems. Students explore career opportunities related to the technology topics under study that align with personal interest and abilities. (LBA; will NOT count toward Computer Science graduation requirement.) (LBA)

SAT Mathematics
415001CW
Grade: 11
1 unit
Prerequisite: Algebra I and Geometry
SAT Mathematics prepares students who anticipate taking the Scholastic Assessment Tests by training them in test-taking skills appropriate for the SAT as well as refreshing students' memories regarding major mathematical concepts in arithmetic, algebra, geometry and general problem solving. Upon completion of the course, students should have a clearer understanding of the construction of the SAT and their appropriate response to it. In addition, students should have refined the mathematical skills necessary to successfully take the SAT. To accomplish these goals, a variety of teaching strategies will be used, including cooperative learning groups, brainstorming and computer-assisted instruction.

SAT Mathematics
415001CH
Grade: 11
0.5 unit
Prerequisite: Algebra I and Geometry
SAT Mathematics prepares students who anticipate taking the Scholastic Assessment Tests by training them in test-taking skills appropriate for the SAT as well as refreshing students' memories regarding major mathematical concepts in arithmetic, algebra, geometry and general problem solving. The content of the course may be more concentrated than the full-unit course. Upon completion of the course, students should have a clearer understanding of the construction of the SAT and their appropriate response to it. In addition, students should have refined the mathematical skills necessary to successfully take the SAT. To accomplish these goals, a variety of teaching strategies will be used, including cooperative learning groups, brainstorming and computer-assisted instruction.

AVID 1, AVID 2, AVID 3 (AC Flora, CA Johnson, Columbia, Eau Claire)
379931CW, 379932CW, 379933CW
Grade: 9-12
1 unit
Prerequisite: None
The AVID elective courses prepare students for entrance into four-year colleges. There is an emphasis on analytical writing, preparation for college entrance and placement exams, study skills and test taking, note taking, and research. Students learn strategies to enhance success such as note-taking, outlining, writing, speaking, reading, test-taking strategies, and self-awareness are stressed. Additionally, the course includes college motivational activities and intensive preparation for ACT, SAT I and SAT II. These courses are a major component of the AVID College Readiness System and is designed to foster school wide implementation of the AVID program. (LBA)

JAG 1, JAG 2, JAG 3, JAG 4 (CA Johnson)
374100CW, 374200CW, 374300CW, 374400CW
Grade: 9-12
1 unit
Prerequisite: Interview with the JAG Specialist and signed declaration of commitment and participation in the program by student and parent/guardian
The primary objective of the Jobs for American/South Carolina Graduates (JAG) Program is to assist youth in graduating and to develop a plan leading to a career, either directly after high school or after post-secondary education. The JAG Program is a multi-year program, meaning that students will work with the JAG Specialist each year through classroom instruction, student-led Career Association activities, career counseling, and guidance for successful completion of a high school diploma. The focus is on academic success, life survival, job attainment, work readiness, leadership, team, and self-development skills. The course involves individual assignments, team activities/projects, academic remediation support, service learning opportunities, guest speakers, field trips, and career exploration. Students will also participate in a student-led career association, state and national career development conference which provides a unique vehicle for students to develop, practice and refine their skills through career workshops and competitive events. JAG, also provides one year of follow-up beyond high school.

Consumer Readiness 1-8
Grades: 9 - 12
1 unit (General Elective)

Consum 1	Consum 2	Consum 3	Consum 4	Consum 5	Consum 6	Consum 7	Consum 8
39002807	39003007	39003207	39003407	39002707	39002907	39003107	39003307
39012807	39013007	39013207	39013407	39012707	39012907	39013107	39013307
39022807	39023007	39023207	39023407	39022707	39022907	39023107	39023307
39032807	39033007	39033207	39033407	39032707	39032907	39033107	39033307
39042807	39043007	39043207	39043407	39042707	39042907	39043107	39043307
39052807	39053007	39053207	39053407	39052707	39052907	39053107	39053307
39062807	39063007	39063207	39063407	39062707	39062907	39063107	39063307
39072807	39073007	39073207	39073407	39072707	39072907	39073107	39073307
39122807	39123007	39123207	39123407	39122707	39122907	39123107	39123307
39132807	39133007	39133207	39133407	39132707	39132907	39133107	39133307
39142807	39143007	39143207	39143407	39142707	39142907	39143107	39143307

This course is designed to provide a variety of rigorous academic and enrichment experiences for students. The course is a comprehensive exploratory course that includes opportunities for students to acquire and apply knowledge and skills needed for postsecondary success.

Career Readiness 1-8
Grades: 9 - 12
1 unit (General Elective)

Career 1	Career 2	Career 3	Career 4	Career 5	Career 6	Career 7	Career 8
39002808	39003008	39003208	39003408	39002708	39002908	39003108	39003308
39012808	39013008	39013208	39013408	39012708	39012908	39013108	39013308
39022808	39023008	39023208	39023408	39022708	39022908	39023108	39023308
39032808	39033008	39033208	39033408	39032708	39032908	39033108	39033308
39042808	39043008	39043208	39043408	39042708	39042908	39043108	39043308
39052808	39053008	39053208	39053408	39052708	39052908	39053108	39053308
39062808	39063008	39063208	39063408	39062708	39062908	39063108	39063308
39072808	39073008	39073208	39073408	39072708	39072908	39073108	39073308
39122808	39123008	39123208	39123408	39122708	39122908	39123108	39123308
39132808	39133008	39133208	39133408	39132708	39132908	39133108	39133308
39142808	39143008	39143208	39143408	39142708	39142908	39143108	39143308

This course is designed for students to explore interests and various career opportunities. Students will be introduced to the knowledge, skills, and practices needed to obtain and maintain employment successfully.

VIRTUAL SCHOOL COURSES

Richland One offers a full high school curriculum through the Richland One Virtual High School Program. Students enrolled in the program are able to take all their high school credit courses through a combination of online and face-to-face opportunities.

The following courses are offered only to students who are enrolled in the Richland One Virtual High School Program. These courses should not be scheduled for students who are enrolled at brick-and-mortar high schools. (Note: "VSP" in the following course titles indicates "Virtual School Program.")

ENGLISH

English 1 VSP
302488CW
Grade: 9
1 unit
Prerequisite: None
In this course, students continue their development of literacy skills by reading, discussing, and analyzing a range of literary and informational texts. Students also will cultivate and apply skills in critical thinking, writing, speaking and listening, and word study aimed at preparing students for college and career. If an end-of-course exam for English 1 is required for accountability, the score will be 20% of the final English 1 grade.

English 1 Honors VSP
302488HW
Grade: 9
1 unit
Prerequisite: None
In this course, students explore the course content through extensions, expanded topics, and skill-related objectives, and continue their development of reading skills through structured and independent study of literary and informational texts. Through close reading, discussion, student-initiated research, project-based learning, and analysis of diverse themes and perspectives, students will evaluate arguments and formulate claims supported through complex text based evidence from print and digital resources. Additionally, students will cultivate and apply skills in critical thinking, writing, speaking and listening, and word study around increasingly complex texts, ideas and tasks aimed at preparing students for college and career. An increased level of independence is expected of Honors students, due to the pace, depth, scope and rigor of this course. This course offers learning and enrichment opportunities that extend beyond the standard coursework and is aligned to the Profile of the South Carolina Graduate and South Carolina State Standards for English Language Arts. Depth in rigor, complexity, challenges and creativity beyond the CP level course is required in the honors level course content. It is strongly recommended that students in this course plan to take Advanced Placement or International Baccalaureate English courses. All English 1 students must take South Carolina's end-of-course exam, which accounts for 20% of the year's grade, by state law.

English 2 VSP
302588CW
Grade: 10
1 unit
Prerequisite: English 1
In this course, students deepen their understanding and hone literacy skills by reading, discussing, and analyzing a range of literary and informational texts from varied global perspectives. Students will further develop their skills in critical thinking, writing, speaking and listening, and word study aimed at preparing students for college and career. If an end-of-course exam for English 1 is required for accountability, the score will be 20% of the final English 1 grade.

English 2 Honors VSP
302588HW
Grade: 10
1 unit
Prerequisite: English 1
In this course, students explore the course content through extensions, expanded topics, deepen their understanding and hone reading skills through structured and independent study of literary and informational texts from varied global perspectives. Through close reading, discussion and analysis of diverse themes, students will analyze and evaluate arguments, reflect and research a wide range of topics, and formulate claims supported through text based evidence from print and digital resources. This course offers learning and enrichment opportunities that extend beyond the standard coursework and is aligned to the Profile of the South Carolina Graduate and South Carolina State Standards for English Language Arts. Additionally, students will further develop their skills in critical thinking, writing, speaking and listening, and word study around increasingly complex texts, ideas and tasks aimed at preparing students for college and career. An increased level of independence is expected of Honors students, due to the pace, depth, scope and rigor of this course. It is strongly recommended that students in this course plan to take Advanced Placement or International Baccalaureate English courses.

English 3 VSP
302688CW
Grade: 11
1 unit
Prerequisite: English 2
In this course, students refine their reading trajectories by reading, discussing, and analyzing a range of literary and informational texts with a focus upon early and contemporary American literature. Additionally, students will further develop their skills in critical thinking, writing, speaking and listening, and word study around

increasingly complex texts, ideas and tasks aimed at preparing students for college and career.

English 3 Honors VSP
302688HW
Grade: 11
1 unit
Prerequisite: English 2 Honors
In this course, students explore the course content through extensions, expanded topics, refine their reading trajectories through structured and independent study of literary and informational texts through, but not limited to, early and contemporary American literature. Through close reading, discussion and analysis of diverse themes, students will analyze and evaluate various texts, reflect and research a wide range of topics, write for a range of tasks and audiences, and formulate claims supported through text based evidence from print and digital resources. This course offers learning and enrichment opportunities that extend beyond the standard coursework and is aligned to the Profile of the South Carolina Graduate and South Carolina State Standards for English Language Arts. Additionally, students will further develop their skills in critical thinking, writing, speaking and listening, and word study around increasingly complex texts, ideas and tasks aimed at preparing students for college and career. A strong level of independence, analytical thought, and commitment to rigorous study is required of Honors students at this level, due to the rigid demands of this course.

English 4 VSP
302788CW
Grade: 12
1 unit
Prerequisite: English 3
This course is designed to provide intense learning experiences as the culminating course for the college and career bound student. This course draws on students' enriched skills in reading, advanced writing, speaking and listening, research and presentation to navigate the depth and complexity of literary and informational texts and ideas. Students will focus on, but are not limited to, European works and cultures outside of the United States.

English 4 Honors VSP
302788HW
Grade: 12
1 unit
Prerequisite: English 3 Honors or Teacher Recommendation
This course is designed to allow students to explore the course content through extensions, expanded topics and provide intense learning experiences as the culminating course for the college and career bound student. This course draws on students' enriched skills in reading, advanced writing, speaking and listening, research and presentation to navigate the depth and complexity of literary and informational texts and ideas. Students will focus on, but are not limited to, European works and cultures outside of the United States. Through close reading, discussion and analysis of diverse themes, students will analyze and evaluate various texts, reflect and research a wide range of topics, write for a range of tasks and audiences, and formulate claims supported through text based evidence from print and digital resources. This course offers learning and enrichment opportunities that extend beyond the standard coursework and is aligned to the Profile of the South Carolina Graduate and South Carolina State Standards for English Language Arts. Additionally, students will further develop their skills in critical thinking, writing, speaking and listening, and word study around increasingly complex texts, ideas and tasks. A strong level of independence, analytical thought, and commitment to rigorous study is required of Honors students at this level, due to the rigid demands of this course.

Journalism 1 VSP
305088CW
Grades: 9 – 12
1 unit
Prerequisite: Teacher Recommendation
Journalism 1 introduces many facets of mass media communication and focuses on skills in clarity and consciousness of composition. Field trips to the offices of local publications and media will be scheduled, and representatives from these offices will be invited to speak to the class. Students will perform individual projects in writing for publication, scripting for broadcast, etc.

Journalism 2 VSP
305188CW
Grades: 10 – 12
1 unit
Prerequisite: Journalism 1
Journalism 2 is designed to be an elective for students in grades 10- 12 who have successfully completed Journalism 1 and desire to continue their study of writing for publications. Students will learn publication design and production and assist with school publications.

English for Speakers of Other Languages 1 VSP
308488CW
Grades: 9 – 12
1 unit
Prerequisite: ACCESS or W-APT scores with teacher recommendation.
This course is designed as an introduction to the English language and culture using the communicative approach to language learning. This support class is designed to provide instruction to non-English Speaking (NES) and Limited English Proficient (LEP) students. The objective is to develop skills in reading, writing, listening and speaking. Emphasis is placed on context-related vocabularies to promote success in all core areas. All ESOL support classes are aligned to the WIDA standards.

English for Speakers of Other Languages 2 VSP
408088CW
Grade: 9-12
1 unit
Prerequisite: ACCESS or W-APT scores with teacher recommendation.
This course is a sequel to English as a Second Language I. Students continue English language acquisition through the use of the communicative approach to language learning. This support class is designed to provide instruction and/or assistance to non-English Speaking (NES) and Limited English Proficient (LEP) students. The objective is to develop skills in reading, writing, listening and speaking. Emphasis is placed on context-related vocabularies to promote success in all core areas. All ESOL support classes are aligned to the WIDA standards.

English for Speakers of Other Languages 3 VSP
408188CW
Grade: 9-12
1 unit
Prerequisite: ACCESS or W-APT scores with teacher recommendation.
In this course, students will continue the study of the English language through the use of the communicative approach to language learning. This support class is designed to provide instruction and/or assistance to non-English Speaking (NES) and Limited English Proficient (LEP) students. The objective is to develop skills in reading, writing, listening and speaking. Emphasis is placed on context-related vocabularies to promote success in all core areas. All ESOL support classes are aligned to the WIDA standards.

English for Speakers of Other Languages 4 VSP
408288CW
Grade: 9-12
1 unit
Prerequisite: ACCESS or W-APT scores with teacher recommendation
In this course, students will continue the study of the English language through the use of the communicative approach to language learning. This support class is designed to provide instruction and/or assistance to non-English Speaking (NES) and Limited English Proficient (LEP) students. The objective is to develop skills in reading, writing, listening and speaking. Emphasis is placed on context-related vocabularies to promote success in all core areas. All ESOL support classes are aligned to the WIDA standards.

MATHEMATICS

Four units of math are required for graduation. Students enrolled in these courses will receive 1 unit towards the four required for graduation per course.

Foundations in Algebra VSP
411688CW
Grade: 9
1 unit
Prerequisite: None
This course is designed for students who scored “does not meet expectations” or “approaches expectations” on the mathematics portion of the 8th grade state assessment. The critical areas taught in this course deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend. Students will engage in methods for analyzing, solving, and using quadratic functions. They must also take Intermediate Algebra next year to complete the Algebra standards that will be assessed on the SC 11th grade assessment. If this course is followed by Algebra 1 instead of Intermediate Algebra, this course will be counted as a general elective and not a math elective required for graduation.

Intermediate Algebra VSP
411788CW
Grades: 10
1 unit
Prerequisite: Foundations in Algebra
This course extends the mathematics students learned in the Foundations in Algebra course to include piecewise, absolute value, logarithmic, and step functions. Students will select from these functions to model phenomena. They will build on their knowledge of rational exponents to see structure in and create polynomial, simple rational and simple radical expressions. Students will also learn to use the method of completing the square to transform any quadratic equation, while also deriving the quadratic formula. Quadratic equations will be solved utilizing multiple methods. Students enrolled in this course will take a South Carolina End-of-Course Exam that will count 20% of their final grade.

Algebra 1 VSP
411488CW
Grades: 9 – 10
1 unit
Prerequisite: Mastery of middle level SC state mathematics standards
This course is designed for students who have completely mastered the middle level SC state math standards and are ready to begin moving into advanced topics. Emphasis is placed on deepening and extending understanding of linear and exponential relationships by contrasting them with each other, to include arithmetic and geometric sequences. Students will engage in methods for analyzing, solving, and using quadratic functions. Other areas of focus will be utilizing rational exponents, systems involving quadratic expressions, using functions to model relationships, interpreting functions, and making judgments about the appropriateness of linear models. Students enrolled in

this course will take a South Carolina End-of-Course Exam that will count 20% of their final grade.

Geometry VSP
412288CW
Grades: 9 – 12
1 unit
Prerequisite: Algebra 1 or Foundations in Algebra and Intermediate Algebra
The fundamental purpose of the course is to formalize and extend students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Transformations are emphasized in this course. Some additional areas of focus will be reasoning to complete geometric constructions, prove theorems - using a variety of formats, apply similarity in right triangles to understand right triangle trigonometry, develop the law of sine and cosine, write the equation of circles, and continue their study of quadratics by connecting the geometric and algebraic definitions of the parabola.

Geometry Honors VSP
412288HW
Grades: 9 – 12
1 unit
Prerequisite: Algebra 1 Honors; Recommended: Grade of 80 or higher in Algebra 1 This course is designed for students who have demonstrated exceptional mathematical capabilities during the study of Algebra 1.
This course facilitates the continuation of work to formalize and extend students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Transformations are emphasized in this course. Some additional areas of focus will be reasoning to complete geometric constructions, prove theorems - using a variety of formats, apply similarity in right triangles to understand right triangle trigonometry, develop the law of sine and cosine, write the equation of circles, and continue their study of quadratics by connecting the geometric and algebraic definitions of the parabola. The course includes learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in Geometry CP level courses and the Profile of the South Carolina Graduate. Depth in rigor, complexity, challenges and creativity beyond the CP level course is required in the honors level course content.

Algebra 2 VSP
411588CW
Grades: 9 – 12
1 unit
Prerequisite: Algebra 1 or Foundations in Algebra and Intermediate Algebra; Recommended: Grade of 80 or higher in Algebra 1
This course continues to build on work with linear, quadratic, and exponential functions to include polynomial, rational, and radical functions. Students work closely with expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The critical areas of this course will build on work with trigonometric ratios and circles in Geometry to model periodic phenomena, understand the Fundamental Theorem of Algebra, explore the effects of transformations on graphs of diverse functions, and identify appropriate types of functions to model a situation, and adjust parameters to improve the model.

Algebra 2 Honors VSP
411588HW
Grades: 9 – 12
1 unit
Prerequisite: Algebra 1; Recommended: Grade of 80 or higher in Algebra 1 Honors Grade of 90 or higher in Algebra 1 with teacher recommendation.
This course is designed for students who have demonstrated exceptional mathematical capabilities during the study of Algebra 1 and Geometry. This course facilitates the continuation of work with linear, quadratic, and exponential functions to include polynomial, rational, and radical functions. Students work closely with expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The critical areas of this course will build on work with trigonometric ratios and circles in Geometry to model periodic phenomena, understand the Fundamental Theorem of Algebra, explore the effects of transformations on graphs of diverse functions, and identify appropriate types of functions to model a situation, and adjust parameters to improve the model. Learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in Algebra II CP level courses and the Profile of the South Carolina Graduate. Depth in rigor, complexity, challenges and creativity beyond the CP level course is required in the honors level course content.

Algebra 3 VSP
411388CW
Grades: 10 – 12
1 unit
Prerequisite: Algebra 2
This course is designed for the student who has successfully completed Algebra 2, but is not ready for the academic rigor of Pre-Calculus Honors. The course will review solving equations and inequalities, graphing, factoring, and systems of equations. Course content includes the study of many types of functions: linear, quadratic, polynomial, exponential, logarithmic, rational, radical, and a unit on trigonometry. Students completing this course are prepared for a subsequent study of Pre-Calculus either at the high school or college level.

Pre-Calculus VSP
413188CW
Grades: 10 – 12
1 unit
Prerequisite: Algebra 2, Geometry; Recommended: Grade of 80 or higher in Algebra 2 Honors; Grade of 90 or higher in Algebra 2 with teacher recommendation; Grade of 80 or higher in Algebra 3 with teacher recommendation.
This course is designed for students who plan to take AP Calculus. Course content includes a study of the following functions: trigonometric, polynomial, exponential, logarithmic, rational, radical, and other primary functions. Sequences and series, topics in analytical geometry, polar coordinates, vectors, and parametric equations are included in the course content. Access to a graphing calculator is needed outside the classroom.

Pre-Calculus Honors VSP
413188HW
Grades: 10 – 12
1 unit
Prerequisite: Algebra 2, Geometry; Recommended: Grade of 80 or higher in Algebra 2 Honors; Grade of 90 or higher in Algebra 2 with teacher recommendation; Grade of 80 or higher in Algebra 3 with teacher recommendation.
This course is designed for students who plan to take AP Calculus. Course content includes a study of the following functions: trigonometric, polynomial, exponential, logarithmic, rational, radical, and other primary functions. Sequences and series, topics in analytical geometry, polar coordinates, vectors, and parametric equations are included in the course content. Access to a graphing calculator is needed outside the classroom. The course includes learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in Pre-Calculus CP level courses and the Profile of the South Carolina Graduate. Depth in rigor, complexity, challenges and creativity beyond the CP level course is required in the honors level course content.

Probability and Statistics VSP
414188CW
Grades 10-12
1 unit
Prerequisite: Algebra 1
This course includes the study of up-to-date statistical topics and techniques needed to understand consumer-oriented statistics encountered routinely in newspapers and other media. Students engage in the collection, organization, display, analysis and interpretation of data. Students will use graphing calculators and/or computer software as tools for solving problems.

Discrete Mathematics VSP
414288CW
Grades: 11 – 12
1 unit
Prerequisite: Algebra 2, Geometry; Recommended: Grade of 70 or higher in prerequisite courses.
This course includes the study of mathematical properties of sets and systems that have a finite number of elements. The topics include set theory, logic, graph theory, numeration systems and number theory, modeling, consumer mathematics, descriptive statistics, and apportionment (fairness, voting methods). Students will use graphing calculators and/or computer software as tools for solving problems.

Calculus VSP
413588CW
Grades 11-12
1 unit
Prerequisite: Pre-Calculus; Recommended: Grade of 70 or higher in Pre-Calculus Honors; Grade of 80 or higher in Algebra 3 with teacher recommendation.
This course is designed to introduce students to basic calculus topics and applications. It is intended for students who plan to pursue a degree at a four-year or two-year college or university that requires the successful completion of a calculus course. Topics introduced in Pre-Calculus are reviewed and extended. Additional topics include limits, derivatives and simple integration techniques with their applications for problem solving. Access to a graphing calculator is needed outside the classroom.

Calculus Honors VSP
413588HW
Grades 11-12
1 unit
Prerequisite: Pre-Calculus Honors or Algebra 3 with teacher recommendation; Recommended: Grade of 70 or higher in Pre-Calculus Honors Grade of 90 or higher in Algebra III with teacher recommendation.
This course is designed to introduce students to basic calculus topics and applications. It is intended for students who plan to pursue a degree at a four-year or two-year college or university that requires the successful completion of a calculus course. Topics introduced in Pre-Calculus are extended. Additional topics include limits, derivatives and simple integration

techniques with their applications for problem solving. Access to a graphing calculator is needed outside the classroom. Learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in Calculus CP level courses and the Profile of the South Carolina Graduate. Depth in rigor, complexity, challenges and creativity beyond the CP level course is required in the honors level course content.

SCIENCE

Three units of laboratory science are required for graduation with a South Carolina High School Diploma. The South Carolina Commission on Higher Education recommends four units of science be taken in all four fields of biology, chemistry, physics and earth science for students who wish to pursue a career in science, math, engineering or technology. Most four-year colleges require three to four laboratory science courses.

Biology 1 VSP
322188CW
Grades: 9 – 10
1 unit
Prerequisite: None; Recommended: Ninth Grade - Algebra 1
This course is an introductory laboratory science course designed to engage students in scientific and engineering practices including problem solving, decision making, critical thinking, and applied learning in order to demonstrate knowledge and understanding of the following biological and ecological concepts: essential functions of life take place within cells or systems of cells, essential processes within organisms require energy which in most ecosystems must be transferred from the Sun and converted into chemical energy, specific mechanisms by which characteristics or traits are transferred from one generation to the next via genes, the complexity of ecosystems and the interactive systems that include both biological communities and physical components of the environment, and biological evolution and diversity of life. Students take the state required End-of-Course Examination Program (EOCEP) when enrolled in Biology 1.

Biology 1 Honors VSP
322188HW
Grades: 9 – 10
1 unit
Prerequisite: Honors placement based on previous year placement in an honors science class and teacher recommendation; Recommended: Completion of Algebra 1
This course is an introductory honors laboratory science course designed to engage students in scientific and engineering practices including problem solving, decision making, critical thinking, and applied learning in order to demonstrate knowledge and understanding of the following biological and ecological concepts: essential functions of life take place within cells or systems of cells, essential processes within organisms require energy which in most ecosystems must be transferred from the Sun and converted into chemical energy , specific mechanisms by which characteristics or traits are transferred from one generation to the next via genes, the complexity of ecosystems and the interactive systems that include both biological communities and physical components of the environment, and biological evolution and diversity of life. This course will accelerate and enrich the core curriculum by differentiating the content, process, pace and expectation of work completed by the student. Students who successfully complete the more rigorous work and pace will earn a weighted credit. Students take the state required End-of-Course Examination Program (EOCEP) when enrolled in Biology 1 Honors. This course includes learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in Biology CP level courses and the Profile of the South Carolina Graduate. Depth in rigor, complexity, challenges and creativity beyond the CP level course is required in the honors level course content.

Chemistry 1 VSP
323188CW
Grades: 10 – 12
1 unit
Prerequisite: Biology 1 and Algebra 1 or equivalent math course(s).
This course is designed to provide an introduction to major chemistry concepts and engage students in laboratory experiences that will allow students to utilize scientific and engineering practices including, problem solving, decision making, critical thinking, and applied learning in order to demonstrate knowledge and understanding of: atomic structure and nuclear processes, structures and classification of chemical compounds, structure and behavior of the different states of matter, nature and properties of various types of chemical solutions including acids and bases, types, the causes, and the effects of chemical reactions, and the conservation of energy and energy transfer. This course requires a working knowledge of algebra for success.

Chemistry 1 Honors VSP
323188HW
Grades: 10 – 12
1 unit
Prerequisite: Honors Biology 1 or Biology 1 with teacher recommendation and Algebra 1
This course is designed to provide an introduction to major chemistry concepts and engage students in scientific and engineering practices including, problem solving, decision making, critical thinking, and applied learning in order to demonstrate knowledge and understanding of: atomic structure and nuclear processes, structures and classification of chemical compounds, structure and behavior of the different states of matter, nature and properties of various types

of chemical solutions including acids and bases, types, the causes, and the effects of chemical reactions, and the conservation of energy and energy transfer. This course will accelerate the enrich core curriculum by differentiating the content, process, pace and expectation of work completed by the student. Students who successfully complete the more rigorous work and pace will earn a weighted credit. This course requires a working knowledge of algebra 1 for success. This course includes learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in Chemistry CP level courses and the Profile of the South Carolina Graduate. Depth in rigor, complexity, challenges and creativity beyond the CP level course is required in the honors level course content.

Earth Science VSP
326588CW
Grades: 9 – 12
1 unit
Prerequisite: None
This course is designed to engage students in scientific and engineering practices including, problem solving, decision making, critical thinking, and applied learning in order to demonstrate knowledge and understanding of: the structure, properties, and history of the observable universe, internal and external dynamics of Earth's geosphere, the relationship between Earth's conditions over geologic time and the effect on the diversity of organisms found on Earth, the dynamics of Earth's atmosphere, and Earth's freshwater and ocean systems.

Earth Science Honors VSP
326588HW
Grades: 11– 12
1 unit
Prerequisite: None; Recommendation: Eighth grade science and teacher recommendation or placement in honors science prior to taking the course.
This course is designed to engage students in scientific and engineering practices including, problem solving, decision making, critical thinking, and applied learning in order to demonstrate knowledge and understanding of: the structure, properties, and history of the observable universe, internal and external dynamics of Earth's geosphere, the relationship between Earth's conditions over geologic time and the effect on the diversity of organisms found on Earth, dynamics of Earth's atmosphere, and Earth's freshwater and ocean systems. This course is designed to accelerate and enrich the core curriculum requiring higher-order thinking exercise including a research or a science project. Students who successfully complete the more rigorous work and pace will earn a weighted credit. This course includes learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in Earth Science CP level courses and the Profile of the South Carolina Graduate. Depth in rigor, complexity, challenges and creativity beyond the CP level course is required in the honors level course content.

Physics VSP
324188CW
Grades: 11 – 12
1 unit
Prerequisite: Chemistry 1; Recommended: Geometry
This course is designed to engage students in scientific and engineering practices including, problem solving, decision making, critical thinking, and applied learning to demonstrate knowledge and understanding of physics concepts and how these concepts apply to our world. Physical phenomena including: contact and non-contact interactions between objects, mechanics, motion, momentum, energy, heat, waves, optics, sound, light, electricity and magnetism can be explained and predicted using the conceptual understandings provided in this course.

Physics Honors VSP
324188HW
Grades: 11 – 12
1 unit
Prerequisite: Chemistry 1 Honors or Chemistry 1 and teacher recommendation; Pre-Calculus or currently enrolled in Pre-Calculus and science teacher recommendation
This course is designed to engage students in scientific and engineering practices including, problem solving, decision making, critical thinking, and applied learning to demonstrate knowledge and understanding of physics concepts and how these concepts apply to our world. Physical phenomena including: contact and non-contact interactions between objects, mechanics, motion, momentum, energy, heat, waves, optics, sound, light, electricity and magnetism can be explained and predicted using the conceptual understandings provided in this course. This course will accelerate and enrich the core curriculum by differentiating the content, process, pace and expectation of work completed by the students. Students who successfully complete the more rigorous work and pace will earn a weighted credit. This course includes learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in Physics CP level courses and the Profile of the South Carolina Graduate. Depth in rigor, complexity, challenges and creativity beyond the CP level course is required in the honors level course content.

Physical Science VSP
321188CW
Grades: 9 – 10
1 unit
Prerequisite: None
This course is designed to give students an understanding of the fundamental concepts in physical science. Students in this course are expected to demonstrate knowledge of the physical science principles to include structure of atoms, structure and

properties of matter, chemical reactions, motion and forces, conservation of energy and interactions or energy and matter; Topics are incorporated in both classroom and laboratory minds-on and hands-on activities. Science concepts, science process skills, science and technology and the nature of science are infused into the activities. This is not a laboratory science course and cannot be counted as one of the three laboratory science credits for the credits required to graduate with a South Carolina Diploma.

Physical Science Honors VSP
321188HW
Grades: 9 – 10
1 unit
Prerequisite: None
This course is designed to give students an understanding of the fundamental concepts in physical science. Students in this course are expected to demonstrate knowledge of the physical science principles to include structure of atoms, structure and properties of matter, chemical reactions, motion and forces, conservation of energy and interactions or energy and matter; Topics are incorporated in both classroom and laboratory minds-on and hands-on activities. Science concepts, science process skills, science and technology and the nature of science are infused into the activities. This Honors curriculum is designed to accelerate and enrich the core curriculum requiring higher order thinking exercises including a research or a science project. This is not a lab science course. This is not a laboratory science course and cannot be counted as one of the three laboratory science credits for the credits required to graduate with a South Carolina Diploma. This course includes learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in Physical Science CP level courses and the Profile of the South Carolina Graduate. Depth in rigor, complexity, challenges and creativity beyond the CP level course is required in the honors level course content.

Biology 2 VSP
322288CW
Grades: 11 – 12
1 unit
Prerequisite: Biology 1; Recommended: Chemistry 1
This course is a continuation of Biology 1 designed for students who have successfully completed Biology 1, plan to take biology courses in college, plan to enter the Advanced Placement Biology program or plan to take duel credit biology courses. The course will stress science as a process, molecules and cells, heredity and evolution, organisms and populations and interdependence in nature. This course is taught as a rigorous, introductory college level course. Laboratory coursework is an integral part of this course.

Biology 2 Honors VSP
322288HW
Grades: 11 – 12
1 unit
Prerequisite: Biology 1 and teacher recommendation or Biology 1 Honors; Recommended: Chemistry 1 Honors
This course is a continuation of Biology 1 Honors and is designed for students who have completed excelled in Biology 1or successfully completed Biology 1 Honors, plan to take biology courses in college, plan to enter the Advanced Placement Biology program or take dual enrollment biology courses. The course will stress science as a process, molecules and cells, heredity and evolution, organisms and populations and interdependence in nature. Students will be required to complete comprehensive laboratory activities and assignments including additional reading and research. This course is taught as a rigorous, introductory college level course. This course includes learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in Biology II CP level courses and the Profile of the South Carolina Graduate. Depth in rigor, complexity, challenges and creativity beyond the CP level course is required in the honors level course content.

Chemistry 2 VSP
323288CW
Grades: 11 – 12
1 unit
Prerequisite: Chemistry 1, concurrent enrollment in Pre-Calculus and/or teacher recommendation; Recommended: Grade of B or higher in Algebra 2
This course is designed as a continuation of Chemistry 1, for students who have successfully completed Chemistry 1, plan to take chemistry courses in college, plan to enter the Advanced Placement Chemistry program or dual enrollment chemistry courses. Stress will be placed on problem solving in the areas of equilibrium, acid-base chemistry, bonding, electrochemistry and thermodynamics.

Chemistry 2 Honors VSP
323288HW
Grades: 11 – 12
1 unit
Prerequisite: Chemistry 1 Honors or Chemistry 1 with teacher recommendation; concurrent enrollment in Pre-Calculus and/or teacher recommendation
This course is designed for students who have excelled in Chemistry 1 or successfully completed Chemistry 1 Honors, plan to take chemistry courses in college, plan to enter the Advanced Placement Chemistry program or duel credit. Stress will be placed on problem solving in the areas of equilibrium, acid-base chemistry, bonding, electrochemistry and thermodynamics. Students also will be required to complete an extensive lab program of equations inequalities, polynomials, graphing,

quadratics, and statistics. The curriculum is designed to accelerate the enrich core curriculum by differentiating the content, process, pace and work completed by the student. This course includes learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in Chemistry II CP level courses and the Profile of the South Carolina Graduate. Depth in rigor, complexity, challenges and creativity beyond the CP level course is required in the honors level course content.

Anatomy and Physiology VSP
326388CW
Grades: 11 – 12
1 unit
Prerequisite: Biology 1; Recommended: Grade of 'B' or better in Biology 1
This course is designed to give students an understanding of some of the major concepts of the human anatomy and physiology with applications to the health sciences. Students will learn about the relationship between the structures found in the human body and the functions of those structures. This course will involve extensive laboratory work dealing with the human body. Some of the areas of discussion will be the structure and function of the cells, tissues, organs and organ systems of the body.

Anatomy and Physiology Honors VSP
326388HW
Grades: 11 – 12
1 unit
Prerequisite: Honors Biology 1 or Biology 1, and teacher recommendation; Recommended: Grade of 'B' or better in Honors Biology 1
This course is designed to give students an understanding of some of the major concepts of the human anatomy and physiology with applications to the health sciences. Students will learn about the relationships between the structures found in the human body and the functions of those structures. This course will involve extensive laboratory work dealing with the human body. Some of the areas of discussion will be the structure and function of the cells, tissues, organs and organ systems of the body. The curriculum provides extended enrichment by differentiating the content process, pace and expectation of work completed by the students. Honors students will be required to complete additional reading and projects to expand on the curriculum. Students will be expected to gain expert opinions and will be required to present their findings from these projects. This course includes learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in Anatomy and Physiology CP level courses and the Profile of the South Carolina Graduate. Depth in rigor, complexity, challenges and creativity beyond the CP level course is required in the honors level course content.

Forensic Science VSP
324588CW
Grades: 11 – 12
1 unit
Prerequisite: Biology 1 and Chemistry 1
Forensic Science is an intense application of knowledge and skills acquired in Biology and Chemistry courses. Following a brief introduction to criminal law, students use measurement, chemical analysis, and other laboratory techniques to study the types of physical evidence, as well as the crime scene as a whole. The class format includes lectures, laboratory investigations and mandatory participation in a mock crime scene.

SOCIAL STUDIES

One unit of American history, one half unit of government, one half unit of economics, and one additional unit of social studies are required in the diploma program. Four units are highly recommended. After the completion of certain courses in this section, students can earn credits through the work-based program. Work based numbers for these courses are listed at the end of this section. Students can seek approval and assistance with this program from their counselor.

World Geography VSP
331088CW
Grades: 9 - 10
1 unit
Prerequisite: None
This course is designated as a social studies elective. The focus of World Geography is the physical and cultural characteristics of Earth. The course is organized systematically around the topics of region, physical earth dynamics, population, culture, economic systems, urban systems, political systems, and the environment. The course standards are not meant to be taught in order or in isolation. Conceptual in nature rather than place-specific, the course is taught from a regional perspective. Critical thinking should be emphasized in this course, with stress placed on the development of spatial thinking skills and competency related to the five themes of geography: location, place, regions, movement, and human-environment interaction.

World Geography Honors VSP
331088HW
Grades: 9 - 10
1 unit
Prerequisite: None
This course is designated as a social studies elective. This course is designed to accelerate and enrich the core curriculum by differentiating the content, process, pace and work completed by the student. The focus of World Geography is the physical and cultural characteristics of Earth. The course is organized systematically around the topics of region, physical Earth dynamics, population, culture, economic systems, urban systems, political systems, and the environment. The

course standards are not meant to be taught in order or in isolation. Critical thinking should be emphasized in this course, with stress placed on the development of spatial thinking skills and competency related to the five themes of geography: location, place, regions, movement, and human-environment interaction. This course includes learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in World Geography CP level courses and the Profile of the South Carolina Graduate.

Law Education VSP
333688CW
Grades: 9 – 12
1 unit
Prerequisite: None
This course is designated as a social studies elective. This course offers a practical approach to law-related education. In an effort to educate students about law that is useful in everyday life, the course begins with an overview of the legal system then explores general problems in the areas of criminal, tort, and individual rights laws. The second part of this course focuses on consumer, family, and housing law.

World History VSP
336088CW
Grades: 9 - 10
1 unit
Prerequisite: None
This course is designated as a social studies elective. World History from 1300: The Making of the Modern World is designed to assist students in understanding how people and countries of the world have become increasingly interconnected. In the last six hundred years, population growth, demand for resources, curiosity, and technology have converged to draw the distant corners of the world closer together. Critical thinking is focal to this course, which emphasizes why and how people, ideas, and technology have made an impact on diverse groups of people.

World History Honors VSP
336088HW
Grade: 10
1 unit
Prerequisite: None
This course is designated as a social studies elective. The curriculum for World History honors is designed to accelerate and enrich the core curriculum by differentiating the content, process, pace and work completed by the student. Students who successfully complete the more rigorous work will earn a weighted credit. World History from 1300: The Making of the Modern World is designed to assist students in understanding how people and countries of the world have become increasingly interconnected. In the last six hundred years, population growth, demand for resources, curiosity, and technology have converged to draw the distant corners of the world closer together. Critical thinking is focal to this course, which emphasizes why and how people, ideas, and technology have made an impact on diverse groups of people. This course includes learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in World History CP level courses and the Profile of the South Carolina Graduate.

US History and the Constitution VSP
332088CW
Grade: 11
1 unit
Prerequisite: Successful completion Of World Geography or World History
This course meets the graduation requirements for social studies. This course is designed to meet the state graduation requirement for U.S. history. The focus of United States History and the Constitution is the story of the American people from the period of the colonial settlement to the present day – the establishment of the British colonies and the transfer of English political traditions, the creation of the United States as a new nation, westward expansion, the American Civil War and Reconstruction, the response to industrialization and urbanization of the late nineteenth century, and the nation's developing role in world affairs in the twentieth and twenty-first centuries. United States History and the Constitution is generally taught in grade eleven.

US History and the Constitution Honors VSP
332088HW
Grades: 11
1 unit
Prerequisite: Successful completion of World Geography Honors, World History Honors or AP Human Geography
This course meets the graduation requirements for social studies. The curriculum for U.S. History Honors is designed to accelerate and enrich the core curriculum by differentiating the content, process, pace and work completed by the student. Students who successfully complete the more rigorous work will earn a weighted credit. The focus of United States History and the Constitution is the story of the American people from the period of the colonial settlement to the present day – the establishment of the British colonies and the transfer of English political traditions, the creation of the United States as a new nation, westward expansion, the American Civil War and Reconstruction, the response to industrialization and urbanization of the late nineteenth century, and the nation's developing role in world affairs in the twentieth and twenty-first centuries. United States History and the Constitution is generally taught in grade eleven. This course includes learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in US History and the Constitution CP level courses and the Profile of the South Carolina Graduate.

United States Government VSP
333088CH
Grade: 12
1/2 unit
Prerequisite: Successful completion of US History and the Constitution Honors.
This course meets the graduation requirements for social studies. In United States Government, students examine the theory and practice of American government. The course is designed to provide a comprehensive introduction to fundamental political concepts that will provide students with the knowledge and skills they need in order to understand and participate wisely in the American political system. United States Government examines basic political theory and governmental systems, American political development theory, the constitutional basis and structure of American government, and citizen involvement in the political system.

United States Government Honors VSP
333088HH
Grades: 12
1/2 unit
Prerequisite: Successful completion of US History and Constitution Honors
This course meets the graduation requirements for social studies. The curriculum for American Government Honors is designed to accelerate and enrich the core curriculum by differentiating the content, process, pace and work completed by the students. Students who successfully complete the more rigorous work will earn a weighted credit. In United States Government, students examine the theory and practice of American government. The course is designed to provide a comprehensive introduction to fundamental political concepts that will provide students with the knowledge and skills they need in order to understand and participate wisely in the American political system. United States Government examines basic political theory and governmental systems, American political development theory, the constitutional basis and structure of American government, and citizen involvement in the political system. This course includes learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in US Government CP level courses and the Profile of the South Carolina Graduate.

Economics VSP
335088CH
Grade: 12
1/2 unit
Prerequisite: None
This course meets the graduation requirements for social studies. Economics is a social science. The science of economics uses data to analyze, interpret, and predict the behavior of individuals and institutions based upon incentives. The goal of a study of economics is to teach a student how to evaluate choices. Scarcity forces all entities—individuals, communities, and nations—to choose from available resources to meet their needs. This course helps students understand personal finances as required by state law.

Economics Honors VSP
335088HH
Grade: 12
1/2 unit
Prerequisite: Successful completion of United Government Honors or US History and Constitution Honors.
This course meets the graduation requirements for social studies. The curriculum for Economics Honors is designed to accelerate and enrich the core curriculum by differentiating the content, process, pace, and work completed by the student. Students who successfully complete the more rigorous work will earn a weighted credit. This course helps students understand personal finances as required by state law. Economics is a social science. The science of economics uses data to analyze, interpret, and predict the behavior of individuals and institutions based upon incentives. The goal of a study of economics is to teach a student how to evaluate choices. Scarcity forces all entities—individuals, communities, and nations—to choose from available resources to meet their needs. This course includes learning and enrichment opportunities that extend beyond the standard coursework and are aligned to the South Carolina State Standards in Economics CP level courses and the Profile of the South Carolina Graduate.

AP US History VSP
337288AW
Grades: 11 – 12
1 unit
Prerequisite: Teacher recommendation and successful completion of World Geography Honors, World History Honors or AP Human Geography
This course meets the graduation requirements for social studies. This is a college course designed for advanced students. Students will learn about the developments that have shaped U.S. history though the critical analysis of historical events and materials. Students will develop their ability to draw conclusions and use informed reasoning to present their arguments clearly and persuasively in essay format**.**

Sociology VSP
334588CW
Grades: 11-12
1 unit
Prerequisite: None
This course is designated as a social studies elective. Students critically examine how and why humans form groups and the methods they use to maintain group cohesiveness. Students observe and predict human behavior within groups. Special emphasis will be placed on the social circumstances that influence human thoughts, feelings, ideas and actions. There is an emphasis on the application of sociological research to

analyze social, political, and economic conditions within the American society. After examining the scope of the science of sociology, students develop skills in identifying and analyzing social problems that arise as American communities develop and evolve.

Psychology VSP
334088CW
Grades: 11 – 12
1 unit
Prerequisite: None
This course is designated as a social studies elective. This course is designed to help students learn to apply scientific observation and explanation of human behavior. The first part of this course emphasizes the evolutionary development of this new social science from its roots in philosophy to the use of the scientific method to demonstrate mind/ body relationships. The second part of this course focuses on biological foundations for human growth and development throughout the human life cycle and elevates student awareness of interpersonal relationships and social problem-solving skills.

VISUAL AND PERFORMING ARTS

Music Appreciation 1 VSP
356188CW
Grades 9-12
1 unit
Prerequisite: None
Music Appreciation (1 unit) is for students who enjoy music and wish to learn more about it role and importance in our lives. The course delves deeply into topics such as music as an expression of who we are, music as an invitation to move, music to let us create, music to understand life's meaning, music to tell the story of our lives, music to chronicle history, and music to characterize an age are included. Students study music through recordings, films, written materials, and electronic media.

Art 1 VSP
350188CW
Grades: 9-12
1 unit
Prerequisite: None
This is an introductory course to both two-dimensional and three-dimensional design. This studio-based course will focus on drawing, painting, and sculpture. Emphasis is placed on knowledge of basic design concepts in visual art expression. This course is meant to expose students to a variety of art materials, styles and processes.

Art: Ceramics 1 VSP and Art: Ceramics 2 VSP
456188CW, 456288CW
Level 1: Grades: 10 – 12
Level 2: Grades: 11 – 12
1 unit each
Prerequisite: For Ceramics 1: "C" or higher in Art 1; teacher recommendation. For Ceramic 2: "C" or higher in previous course in numbering sequence; teacher recommendation.
These courses are designed to expose students to ceramics with an emphasis on the basic process of preparing, decorating, glazing, and firing clay, exploration of clay, fundamental hand building processes (pinch, coil, and slab), clay decoration, and glazing techniques are included. Ceramics skills and techniques will increase in rigor in level 2.

Art: Photography 1 VSP and Art: Photography 2 VSP
456688CW, 456788CW
Level 1: Grades: 10 – 12
Level 2: Grades: 11 – 12
1 unit each
Prerequisite: For Art: Photography 1: "C" or higher in Art 1; teacher recommendation. For Art: Photography 2: "C" or higher in the previous course in sequence; teacher recommendation.
These courses are designed for students interested in the art of photography. They will primarily focus on digital photography, but may also include traditional black and white photography. The fundamentals of using the camera and composition will be covered. Information on the history of photography, photographic criticism, and historical/contemporary photographers are included. Additional topics will include technical advances in photography, and various photographic techniques. A portfolio must be developed and maintained. Photography skills and techniques will increase in rigor in level 2.

WORLD LANGUAGES

Six years of French, Spanish, and Latin and four years of German and Chinese are offered for high school credit. Students planning to attend a public college or university in South Carolina must have completed a minimum of two or three units of the same world language. It is strongly recommended that all college bound students complete three to four units of the same world language.

All world language courses are performance-based in three modes of communication: interpretive, interpersonal, and presentational. Learners accomplish real-world communicative tasks in culturally appropriate ways as they gain familiarity with products, practices, perspectives, and interactions of and within the target culture(s).

Chinese 1 VSP
461188CW
Grades: 9 – 12
1 unit
Prerequisite: None
This course is designed as an introduction to the Chinese language and culture using an eclectic approach to language learning. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. ACTFL Proficiency scale (Novice-Low to Novice-Mid Range)

Chinese 2 VSP
461288CW
Grades: 10 – 12
1 unit
Prerequisite: Chinese 1
This course is a sequel to Chinese 1. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. ACTFL Proficiency scale (Novice-Mid to Novice-High Range)

Chinese 3 VSP
461388CW
Grades: 11 – 12
1 unit
Prerequisite: Chinese 2
This course is a sequel to Chinese 2. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. The third year student will be able to understand the topic and main idea in authentic materials, understand simple questions and answers and understand simple communications dealing with familiar topics. The student will be able to write original texts and questions to fulfill practical needs and write original notes and compositions. ACTFL Proficiency scale (Novice-High to Intermediate-Low Range)

Chinese 3 Honors VSP
461388HW
Grades: 12
1 unit
Prerequisite: Teacher recommendation – Grade higher than 80 in Chinese 2
This course is a sequel to Chinese 2 that targets students that have shown exceptional capabilities on language acquisition at the previous level. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in a more rigorous and accelerated curriculum that includes activities that stimulate communication, promote a higher level of critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. The third year honors student will be able to understand the topic, main and secondary ideas in authentic materials, understand simple questions and answers and understand simple communications dealing with familiar topics. The student will be able to write original texts and questions to fulfill practical needs and write original notes and compositions. ACTFL Proficiency scale (Novice-High to Intermediate-Low Range)

Chinese 4 Honors VSP
461488HW
Grades: 12
1 unit
Prerequisite: Teacher recommendation – Grade higher than 80 in Chinese 3 Honors
This course is a sequel to Chinese 3. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. The fourth year student will be able to draw conclusions and make inferences from print and non-print materials dealing with familiar topics. The student will be able to ask questions, narrate and describe in original sentences, participate in casual conversations, give instructions and compose simple reports. ACTFL Proficiency scale (Intermediate Low Range)

French 1 VSP
361188CW
Grades: 9 – 10
1 unit
Prerequisite: None
An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. ACTFL Proficiency scale (Novice-Low to Novice-Mid Range)

French 2 VSP
361288CW
Grades: 9 – 11
1 unit
Prerequisite: French I
This course is a sequel to French 1. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in1activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. ACTFL Proficiency scale (Novice-High to Intermediate-Low Range)

French 3 VSP
361388CW
Grades: 9 – 12
1 unit
Prerequisite: French 2
This course is designed to offer students who have completed at least two units of French an opportunity to continue their language study. Through this course, students will improve their conversation skills and their written expression. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. ACTFL Proficiency scale (Intermediate Low-Mid Range)

French 3 Honors VSP
361388HW
Grades: 9 – 12
1 unit
Prerequisite: Teacher recommendation – Grade higher than 80 in French 2
This course is a sequel to French 2 that targets students that have shown exceptional capabilities on language acquisition at the previous level. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in a more rigorous and accelerated curriculum that includes activities that stimulate communication, promote a higher level of critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. The third year honors student will be able to understand the topic, main and secondary ideas in authentic materials, understand simple questions and answers and understand simple communications dealing with familiar topics. The student will be able to write original texts and questions to fulfill practical needs and write original notes and compositions. ACTFL Proficiency scale (Intermediate-Mid Range)

French 4 Honors VSP
361488HW
Grades: 10 – 12
1 unit
Prerequisite: Teacher recommendation – Grade higher than 80 in French 3 Honors
This course is a sequel to French 3 Honors. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. The fourth year student will be able to draw conclusions and make inferences from print and non-print materials dealing with familiar topics. The student will be able to ask questions, narrate and describe in original sentences, participate in casual conversations, give instructions and compose simple reports. ACTFL Proficiency scale (Intermediate-Mid Range)

French 5 Honors VSP
361588HW
Grades: 11 – 12
1 unit
Prerequisite: Teacher recommendation – Grade higher than 80 in French 4 Honors
This course is designed to offer students who have successfully completed French 4 Honors the opportunity to continue their language study. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. The instructor will also use a variety of authentic poetry, short stories, art, music, films and other media to provide for the students' linguistic and cultural enrichment. ACTFL Proficiency scale (Intermediate-Mid Range. Some may begin to demonstrate Intermediate-High characteristics in some of the modes)

German 1 VSP
362188CW
Grades: 9 – 12
1 unit
Prerequisite: None
This course is designed as an introduction to the German language. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. ACTFL Proficiency scale (Novice-Low to Novice-Mid Range)

German 2 VSP
362288CW
Grades: 10 – 12
1 unit
Prerequisite: German 1
This course is a sequel to German 1. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. ACTFL Proficiency scale (Novice-High to Intermediate-Low Range)

German 3 VSP
362388CW
Grades: 10 – 12
1 unit
Prerequisite: German 2
This course is a sequel to German 2. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. The third year honor student will be able to understand the topic and main idea in authentic materials; understand simple questions and answers and understand simple communications dealing with familiar topics. The student will be able to write original sentences and questions to fulfill practical needs and write original notes and compositions. ACTFL Proficiency scale (Intermediate Mid-Range)

German 3 Honors VSP
362388HW
Grades: 10 – 12
1 unit
Prerequisite: Teacher recommendation – Grade higher than 80 in German 2
This course is a sequel to German 2 that targets students that have shown exceptional capabilities on language acquisition at the previous level. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in a more rigorous and accelerated curriculum that includes activities that stimulate communication, promote a higher level of critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. The third year honors student will be able to understand the topic, main and secondary ideas in authentic materials, understand simple questions and answers and understand simple communications dealing with familiar topics. The student will be able to write original texts and questions to fulfill practical needs and write original notes and compositions. ACTFL Proficiency scale (Intermediate-Mid Range)

German 4 Honors VSP
362488HW
Grades: 10 – 12
1 unit
Prerequisite: Teacher recommendation – Grade higher than 80 in German 3 Honors
This course is a sequel to German 3 Honors. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. The fourth year student will be able to draw conclusions and make inferences from print and non-print materials dealing with familiar topics. The student will be able to ask questions, narrate and describe in original sentences, participate in casual conversions, give instructions and compose simple reports. ACTFL Proficiency scale (Intermediate-Mid Range)

Latin 1 VSP
363188CW
Grades: 9 – 12
1 unit
Prerequisite: None
An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. ACTFL Proficiency scale (Novice-Low to Novice-Mid Range)

Latin 2 VSP
363288CW
Grades: 9 – 11
1 unit
Prerequisite: Latin 1
This course is a sequel to Latin 1. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. ACTFL Proficiency scale (Novice-High to Intermediate-Low Range)

Latin 3
363388CW
Grades: 9 – 12
1 unit
Prerequisite: Latin 2
This course is a sequel to Latin 2. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. ACTFL Proficiency scale (Intermediate Low-Mid Range)

Latin 3 Honors VSP
363388HW
Grades: 9 – 12
1 unit
Prerequisite: Teacher recommendation – Grade higher than 80 in Latin 2
This course is a sequel to Latin 2 that targets students that have shown exceptional capabilities on language acquisition at the previous level. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in a more rigorous and accelerated curriculum that includes activities that stimulate communication, promote a higher level of critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. The third year honors student will be able to understand the topic, main and secondary ideas in authentic materials, understand simple questions and answers and understand simple communications dealing with familiar topics. The student will be able to write original texts and questions to fulfill practical needs and write original notes and compositions. ACTFL Proficiency scale. (Intermediate Mid-Range)

Latin 4 Honors VSP
363488HW
Grades: 10 – 12
1 unit
Prerequisite: Teacher recommendation – Grade higher than 80 in Latin 3 Honors
This course is a sequel to Latin 3 Honors. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages

Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their understanding of the literature of ancient Rome, and their linguistic and cultural awareness. The fourth year student will be able to draw conclusions and make inferences from print and non-print materials dealing with familiar topics. The student will be able to ask questions, narrate and describe in original sentences, participate in casual conversions, give instructions and compose simple reports. ACTFL Proficiency scale (Intermediate-Mid Range)

Latin 5 Honors VSP
363688HW
Grades: 11 – 12
1 unit
Prerequisite: Teacher recommendation – Grade higher than 80 in Latin 4 Honors
This course is designed to offer students who have successfully completed Latin 4 Honors the opportunity to continue their language study. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. The instructor will also use a variety of authentic poetry, short stories, art, music, films and other media to provide for the students' linguistic and cultural enrichment. ACTFL Proficiency scale (Intermediate-Mid Range. Some may begin to demonstrate Intermediate-High characteristics in some of the modes)

Spanish 1 VSP
365188CW
Grades: 9 – 10
1 unit
Prerequisite: None
An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. ACTFL Proficiency scale (Novice-Low to Novice-Mid Range)

Spanish 2 VSP
365289CW
Grades: 9 – 11
1 unit
Prerequisite: Spanish 1
This course is a sequel to Spanish 1. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. ACTFL Proficiency scale (Novice-High to Intermediate-Low Range)

Spanish 3 VSP
365388CW
Grades: 9 – 12
1 unit
Prerequisite: Spanish 2
This course is a sequel to Spanish 2. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. ACTFL Proficiency scale (Intermediate Low-Mid Range)

Spanish 3 Honors VSP
365388HW
Grades: 9 – 12
1 unit
Prerequisite: Teacher recommendation – Grade higher than 80 in Spanish 2
This course is a sequel to Spanish 2 that targets students that have shown exceptional capabilities on language acquisition at the previous level. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in a more rigorous and accelerated curriculum that includes activities that stimulate communication, promote a higher level of critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. The third year honors student will be able to understand

the topic, main and secondary ideas in authentic materials, understand simple questions and answers and understand simple communications dealing with familiar topics. The student will be able to write original texts and questions to fulfill practical needs and write original notes and compositions. ACTFL Proficiency scale. (Intermediate Mid-Range)

Spanish 4 Honors VSP
365489HW
Grades: 10 – 12
1 unit
Prerequisite: Teacher recommendation – Grade higher than 80 in Spanish 3 Honors
This course is a sequel to Spanish 3 Honors. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. The fourth year student will be able to draw conclusions and make inferences from print and non-print materials dealing with familiar topics. The student will be able to ask questions, narrate and describe in original sentences, participate in casual conversations, give instructions and compose simple reports. ACTFL Proficiency scale (Intermediate-Mid Range)

Spanish 5 Honors VSP
365588HW
Grades: 11 – 12
1 unit
Prerequisite: Teacher recommendation – Grade higher than 80 in Spanish 4 Honors
This course is designed to offer students who have successfully completed Spanish 4 Honors the opportunity to continue their language study. An eclectic approach to language learning will be used. As suggested within the South Carolina World Languages Framework and the South Carolina Standard for World Language Proficiency, this course integrates the three competencies for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their communicative ability in the language studied as well as their cultural awareness. The instructor will also use a variety of authentic poetry, short stories, art, music, films and other media to provide for the students' linguistic and cultural enrichment. ACTFL Proficiency scale (Intermediate-Mid Range. Some may begin to demonstrate Intermediate-High characteristics in some of the modes)

PHYSICAL EDUCATION AND HEALTH

Physical Education 1 VSP
(*Required for Graduation*)
344188CW
Grades: 9
1 unit
Prerequisite: None
Physical Education 1 meets the graduation requirements for the State Department of Education. The physical education course in the high school is organized so that students participate in a variety of activities. This course meets the South Carolina Academic Standards for Physical Education and is the foundation course for all other physical education courses.

Personal Health and Wellness VSP
(*Required for Graduation*)
340288CH
Grade: 9-12
½ unit
Prerequisite: None
Personal Health and Wellness meets the graduation requirements for Richland School District One. Personal Health and Wellness is designed to help students develop the knowledge, attitudes, and skills to promote wellness, maintain health, and prevent disease. A minimum of 750 minutes of reproductive health, pregnancy prevention, and sexually transmitted disease along with consumer health, environmental health, growth and development, nutritional health, personal health prevention and control of diseases and disorders, safety and accident prevention, substance use and abuse, dental health, and mental and emotional health is required by the Comprehensive Health Education Act of 1988 in addition to community health. Erin's Law and Ronald Rouse's Law are embedded within the curriculum. One half unit of Personal Health and Wellness is required for graduation.

CATE

Accounting 1 VSP
500188CW
Grades: 10-12
1 unit
Prerequisite: Completion of Algebra 1 or equivalent with a grade of C or better and/or instructor approval
This course is designed to help the student develop the skills necessary for the highly technical interaction between accounting and business, to develop an understanding of the steps of the accounting cycle as applied to several different kinds of business operations, and to develop an understanding of accounting concepts, principles, and practices. Use of the computer in simulated activities gives the student an opportunity to see the advantages of technology in accounting procedures. All students are encouraged to join Future Business Leaders of America (FBLA).

Business Law VSP
504488CW
Grades: 10-12
1 unit
Prerequisite: None
This course is designed to provide the student with knowledge of the legal environment in which a consumer operates, to provide the student with knowledge of the legal environment in which a business operates, and to provide the student with knowledge of legal principles. All students are encouraged to join Future Business Leaders of America (FBLA).

Accounting 2 VSP
500588CW
Grades: 10-12
1 unit
Prerequisite: Accounting 1 with minimum grade of "C" or better and/or instructor approval
This course expands the student's understanding of accounting subsystems and develops an understanding of various methods of internal control procedures. The student develops competence in using subsidiary ledgers, 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. All students are encouraged to join Future Business Leaders of America (FBLA).

Personal Finance VSP
513188CW
Grades: 9-12
1 unit
Prerequisite: None
This course is designed to introduce the student to basic financial literacy skills which includes budgeting, obtaining credit, maintaining checking accounts, analyzing the basic elements of finance, computing payroll, recording business transactions, and applying computer operations to financial management. All students are encouraged to join Future Business Leaders of America (FBLA). In situations where several career and technology student organizations (CTSOs) are represented in the class, preference should not be given to any one student organization. The standards are generic to all of the career and technology education student organizations.

GENERAL ELECTIVES

ACT Preparation VSP
379988CW
Grades: 10 – 12
1 unit
Prerequisite: None
In this course students will prepare to take the ACT examination. They will review item types, complete practice tests, and learn test-taking strategies specific to the ACT. In addition, they will review how scores are reported. (LBA)

ACT Preparation VSP (1/2 unit)
379988CH
Grades: 10 – 12
½ unit
Prerequisite: None
In this course students will prepare to take the ACT examination. They will review item types, complete practice tests, and learn test-taking strategies specific to the ACT. (LBA)

SAT Preparation VSP
379989CW
Grades: 10 – 12
1 unit
Prerequisite: None
In this course students will prepare to take the SAT examination. They will review item types, complete practice tests, and learn test-taking strategies specific to the SAT. (LBA)

SAT Preparation VSP (1/2 unit)
379989CH
Grades: 10 – 12
½ unit
Prerequisite: None
In this course students will prepare to take the SAT examination. They will review item types, complete practice tests, and learn test-taking strategies specific to the SAT. (LBA)

ADVANCED PLACEMENT PROGRAM

AP English Language and Composition
307100AW
Grade: 11
1 unit
Prerequisite: Honors students with above average grades and teacher recommendation
Participating colleges and universities grant credit and/or appropriate placement on the basis of test scores. AP English Language and Composition is an advanced course in effective strategies for writing and critical reading. It is designed for college-bound students with an above average command of composition and grammar skills. Course content emphasizes rhetorical techniques valuable for a variety of topics discourse, to organize details, to use effective diction and to appeal to specific audiences. As readers, they will learn to recognize the language patterns that authors have created and to describe their responses to the patterns. The Advanced Placement exam is required of students enrolled in the course.

AP English Literature and Composition
307000AW
Grade: 12
1 unit
Prerequisite: Honors students with above average grades, English III Honors, or Teacher Recommendation
Participating colleges and universities grant credit and/or appropriate placement on the basis of test scores. English AP is designed to prepare students for taking the CEEB English Advanced Placement Examination. This exam gives students the opportunity to demonstrate writing ability and perceptions of literature including language, structure, meaning, and evaluation of a representative sampling of several genres. The exam is required of students enrolled in the course.

Advanced Placement Statistics
417100AW
Grades: 10 – 12
1 unit
Prerequisite: Algebra 2; Recommended: Exceptional reading comprehension and writing abilities
Statistics connects mathematics with students' world and with other subjects. This course reflects the methodologies supporting the new curriculum goals. Students enrolled in Statistics will be prepared for topics covered in many college-level courses as well as the world of work. Technology is required to facilitate learning and to help develop students' quantitative reasoning and problem-solving skills; the purpose of Statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: (1) exploring data, (2) planning a study, (3) anticipating patterns and (4) statistical inference; long and short term projects are required of all students enrolled in this course. All students must take the College Board AP Statistics examination.

Advanced Placement Calculus (AB)
417000AW
Grade: 11-12
1 unit
Prerequisite: Pre-Calculus Honors
Calculus AB consists of a full academic year of work in Calculus and related topics comparable to courses in colleges and universities and is intended for students who have a thorough knowledge of college preparatory mathematics. It is a course in introductory calculus with elementary functions. The idea of limit is introduced. Derivatives of algebraic, trigonometric, logarithmic, and exponential functions are considered with the applications that follow. Also involved is basic coverage of integration, the fundamental theorem of integral calculus, computation of area under the curve, and other application techniques. Students will be required to use a graphing calculator to produce the graph of a function within an arbitrary viewing window, find the zeros of a function, compute the derivative of a function numerically, and compute definite integrals numerically. Students are required to take the Advanced Placement Examination.

Advanced Placement Calculus (BC)
417200AW
Grade: 12
1 unit
Prerequisite: Pre-Calculus Honors
Calculus BC is an intensive course in the calculus of functions of a single variable and provides a rigorous curriculum for motivated and talented students. The course requires analytic reasoning skills and disciplined study habits. The topics covered include a review of all AB topics; integration techniques and applications; infinite series, parametric and polar equations, and vectors. Students are expected to use a graphing calculator throughout the course. This course represents college-bound mathematics for which most colleges grant advanced placement and credit. The content of AP Calculus BC is designed to qualify the student for placement and credit one semester beyond that granted for AP Calculus AB. Students are required to take the Advanced Placement Examination.

AP Mathematics Calculus (AB) Preparation Lab Honors
314900HW
Grade: 11-12
1 unit
Prerequisite: Concurrent enrollment in AP Calculus AB
This course is designed to allow students an opportunity to expand their laboratory experiences in conjunction with AP Calculus AB. Students will be required to complete specific laboratory projects.

AP Mathematics Calculus (BC) Preparation Lab Honors
314901HW
Grade: 12
1 unit
Prerequisite: Concurrent enrollment in AP Calculus BC
This course is designed to allow students an opportunity to expand their laboratory experiences in conjunction with the AP Calculus BC. Students will be required to complete specific laboratory projects.

AP Statistics Preparation
314902HW
Grades: 10 – 12
1 unit
Prerequisite: Concurrent enrollment in AP Statistics
This course provides laboratory experiences in conjunction with AP Statistics. Students will be required to complete specific laboratory projects designed to allow them to work with data, analyses, and reports.

Advanced Placement Biology
327200AW
Grades: 11 – 12
1 unit
Prerequisite: "80" or above in Biology 1 Honors or "85" or above in Biology 1; Chemistry 1 and Science teacher recommendation
This course is designed to be the equivalent of a college general biology course. Three areas of the biological sciences will be addressed: the molecular and cellular, the organism, and the population. Extensive laboratory work will be an important part of the course with reports done in great detail. The course will be designed to follow the AP guidelines for biology. Each student must take the Advanced Placement examination for possible college credit.

AP Biology Preparation Lab Honors
328901HW
Grades: 11 – 12
1 unit
Prerequisite: Concurrent enrollment in AP Biology
This course is designed to allow students an opportunity to expand their laboratory experiences in conjunction with AP Biology. Students will be required to complete specific reading and laboratory projects.

Advanced Placement Chemistry
327300AW
Grades: 11 – 12
1 unit
Prerequisite: 80 or above in Chemistry 1 Honors or 85 or above in Chemistry 1 and Science teacher recommendation
This course is designed to be the equivalent of a college level general chemistry course. Laboratory experiments will require the students to make observations, record data, calculate and interpret results based on data. General topics covered will be: atomic structure, bonding, chemical equilibrium, 46 kinetics and thermodynamics. Students will be required to take the College Board Advanced Placement Examination for chemistry.

AP Chemistry Preparation Lab Honors
328900HW
Grades: 11 – 12
1 unit
Prerequisite: Concurrent enrollment in AP Chemistry
This course is designed for the extension of concepts studied in AP Chemistry, along with completion of designated AP Labs and additional problem solving. AP Seminar does not carry weighted credit. It is recommended that AP Seminar be taken simultaneously with AP Chemistry.

Advanced Placement Environmental Science
327700AW
Grades: 10 - 12
1 unit
Prerequisite: 2 years of high school laboratory science and at least one year of Algebra
AP Environmental Science is a college level course with goal of providing 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. Each student must take the Advanced Placement examination for possible college credit.

Advanced Placement Physics 1
328200AW
Grades 11-12
1 unit
Prerequisite: Pre-calculus (completed or concurrently enrolled)
AP Physics 1 provides a systematic approach to scientific modeling, use of mathematics for problem solving, scientific investigations, data collection and analysis, ability to work with theories, and an understanding of the knowledge of various scales. The course is equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits. Learning strategies include drills in methods of problem solving, demonstrations, and a variety of open-ended laboratory activities. The course is focused on a series of learning objectives that clarify the knowledge and skills students should demonstrate to qualify for college credit and placement. Each learning objective combines physics content with foundational science practices. Students enrolled in the course are required to take the Advanced Placement examination for possible college credit.

Advanced Placement Physics 2
328300AW
Grades 11-12
1 unit
Prerequisite: Pre-calculus
AP Physics 2 is algebra based and is equivalent to a second-semester college course in algebra based physics. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; and atomic and nuclear physics. Learning strategies include drills in methods of problem solving, demonstrations, and a variety of open-ended laboratory activities. The course is focused on a series of learning objectives that clarify the knowledge and skills students should demonstrate to qualify for college credit and placement. Each learning objective combines physics content with foundational science practices. Students enrolled in the course are required to take the Advanced Placement examination for possible college credit.

AP Physics C-Electricity and Magnetism
327600AW
Grades: 11 – 12
1 unit
Prerequisite: 80 or above in Physics 1 Honors, Calculus or current enrollment in AP Physics C – Mechanics AP Physics
AP Physics C forms the first part of the college course sequence that serves as a foundation in Physics for students majoring in the Physical Sciences or Engineering. Methods of Calculus are used whenever appropriate in formulating physical principles and applying them to physical problems. The sequence is more intensive and analytical than that in Physics B. Students principally study mechanics, electricity, and magnetism with equal emphasis on these areas. Students will be expected to take the Advanced Placement examination for possible college credit.

AP Physics C-Mechanics
327568HW
Grades: 11 – 12
1 unit
Prerequisite: 80 or above in Physics 1 Honors, Calculus or current enrollment AP Physics C – Electricity and Magnetism
This course is combined with Physics C - Electricity and Magnetism and meets each day throughout the school year and counts as 2 credits. It includes AP Physics C topics plus additional content combines with AP Physics C - Electricity and Magnetism. These courses will offer 8 PACE hours. Students will be expected to take the Advanced Placement examination for possible college credit.

AP Human Geography
337900AW
Grades: 9 – 12
1 unit
Prerequisite: Teacher Recommendation
This rigorous course is designed to explore the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to analyze human social organization and its environmental consequences. Students use the methods and tools geographers use in their science and practice. Student must take the AP Human Geography exam which is administered in May.

AP Human Geography Seminar
336979HW
Grades: 9 – 12
1 unit
Prerequisite: Teacher recommendation;
This is a companion course to AP Human Geography.

AP US History
337200AW
Grades: 11 – 12
1 unit
Prerequisite: Teacher recommendation and successful completion of World Geography Honors, World History Honors or AP Human Geography
This course meets the graduation requirements for social studies. This is a college course designed for advanced students. Students will learn about the developments that have shaped U.S. history though the critical analysis of historical events and materials. Students will develop their ability to draw conclusions and use informed reasoning to present their arguments clearly and persuasively in essay format**.**

AP US History Seminar
336972HW
Grades: 11
1 unit
Prerequisite: Student must be enrolled in an AP US History
This college course is a companion course to AP United States History. It is designed to help students learn how to think critically by analyzing, synthesizing, and evaluating historical material. There will be a major emphasis on writing skills that are necessary for successful performance on the Advanced Placement United States History Exam in May.

AP Government and Politics
337300AW
Grade: 12
1 unit
Prerequisite: Successful completion of US History and Constitution Honors
This course meets the graduation requirements for social studies. This is a college course in American Government and Politics and is designed for advanced

students. The AP Government & Politics: United States course provides an analytical perspective on government and politics in the United States. This course involves both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. political reality.

AP World History
337701AW
Grades: 10 – 12
1 unit
Prerequisite: Teacher recommendation
The AP World History course explores key themes of world history, including interaction with the environment, cultures, state-building, economic systems, and social structures, from approximately 8000 B.C.E. to the present. Students will learn to apply historical thinking skills including the ability to craft arguments from evidence; describe, analyze and evaluate events from a chronological perspective; compare and contextualize historical developments; and analyze evidence, reasoning and context to construct and understand historical interpretations.

AP Macro Economics
337400AW
Grade: 12
1 unit
Prerequisite: Successful completion of United Government Honors or US History and Constitution Honors
This course meets the graduation requirements for social studies. The purpose of this advanced placement course is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. Such a course places particular emphasis on the study of national income and price determination and also develops student's familiarity with economic performance measures, economic growth, and international economics. Personal finance will be studied.

AP Micro Economics
337500AW
Grades: 12
1 unit
Prerequisite: Successful completion of United Government Honors or US History and Constitution Honors
This course meets the graduation requirements for social studies. AP Microeconomics provides a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, with the larger economic system. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. The AP exam is required for the course which is offered in May.

AP European History
337600AW
Grades: 10 – 12
1 unit
Prerequisite: AP European History Seminar and successful completion of World Geography Honors, World History Honors or AP Human Geography
This course is designated as a social studies elective. This course is an advanced study of European history for advanced students. Students will concentrate on the development of European nations from cultural, economic, social, and political perspectives. They will expand their problem-solving and critical thinking skills through the analysis and interpretation of historical data. Course requirements include outside readings and research papers. Students are required to take the Advance Placement Examination in European History which is administered in May.

AP European History Seminar
337610HW
Grades: 10 – 12
1 unit
Prerequisite: Students must be enrolled in AP European History
This course is designated as a social studies elective. This college course is a companion course to AP European History. It is designed to help students learn how to think critically by analyzing, synthesizing, and evaluating historical material. There will be a major emphasis on writing skills that are necessary for a successful performance on the Advanced Placement European History Exam in May.

AP Psychology
437100AW
Grades: 11 – 12
1 unit
Prerequisite: Teacher recommendation
This is a college level course designed for advanced students. Students are introduced to the systematic and scientific study of the behaviors 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 sub-fields within psychology. Students also learn the ethics and methods psychologists use in their science and practice. Students are required to take the Advanced Placement Examination in this course.

AP French
367100AW
Grade: 12
1 unit
Prerequisite: French V Honors - Teacher recommendation
College Board AP French is designed for advanced students and provides an in-depth study of French

grammar and literature. Students will read and analyze works from classic French literature. Students are required to take the Advanced Placement Examination. Participating colleges and universities grant credit and/or appropriate placement on the basis of exam scores.

Advanced Placement Latin - Vergil
367406AW
Grades: 12
1 unit
Prerequisite: Latin 5 Honors - Teacher recommendation
AP Latin (Vergil) In AP Latin - Vergil, students read and analyze works from Vergil's Aeneid, scan hexameter verse, relate passages of the Aeneid to its historical background, and critically analyze selected passages. Students are required to take the Advanced Placement Examination. Participating colleges and universities grant credit and/or appropriate placement on the basis of exam scores.

AP Spanish
367506AW
Grade: 12
1 unit
Prerequisite: Spanish 5 Honors – Teacher recommendation
College Board AP Spanish is designed for advanced students and provides an in-depth study of Spanish language and literature. Students will read and analyze works from classic Spanish literature. Students are required to take the Advanced Placement Examination. Participating colleges and universities grant credit and/or appropriate placement on the basis of exam scores.

Advanced Placement Music Theory
357600AW
Grades: 11-12
1 unit
Prerequisite: Advanced music coursework and Teacher recommendation
The Advanced Placement Music Theory course is for highly motivated, well-prepared, committed high school music students interested in pursuing and receiving advanced placement and/or college level credit for the study of music theory. This course of study is designed for the study of musical materials, structure, and style. It integrates melodic, harmonic, textural, rhythmic, formal, and, to some extent, historical and stylistic aspects. The student's ability to read and write musical notation as well as the student's basic performance skills in voice or on an instrument is fundamental to the course. Students in this course will complete the Advanced Placement examination at the end of the year.

Advanced Placement Art History
357100AW
Grades: 11 – 12
1 unit
Prerequisite: "B" or higher in Art 1 and one (1) other Art course; teacher recommendation, Portfolio Assessment.
This course is designed to provide the same benefits to secondary students as those provided in an introductory college course in art history. Students who have done well in history, literature, and upper-level studio art are encouraged to enroll. The course requires a high degree of commitment to academic work and to the purpose of a program designed to meet college standards. Students who achieve the goals of this course may receive advanced placement and/or credit at many colleges and universities with successful completion of the Advanced Placement Examination in Art History through the College Board.

Advanced Placement Studio Art: Drawing
357200AW
Grades: 11 – 12
1 unit
Prerequisite: "B" or higher in Art 1 and one (1) other Art course; teacher recommendation, Portfolio Assessment.
This course is designed for highly motivated, well-prepared, committed students interested in pursuing and receiving advanced placement and/ or college level studio art coursework while still in high school. Participants submit a portfolio of work for evaluation at the end of the school year. The portfolio consists of three sections – quality, concentration and breadth – which are scored and graded by the Education Testing Service (ETS) of the College Board.

Advanced Placement Studio Art: Two-Dimensional Design
357400AW
Grades: 11 – 12
1 unit
Prerequisite: "B" or higher in Art 1 and one other visual arts course; teacher recommendation, Portfolio Assessment.
This course is designed for motivated, well- prepared students interested in pursuing and receiving advanced placement and/or credit for college-level, studio art coursework while still in high school. Participants submit a portfolio of work for evaluation at the end of the school year. The portfolio consists of three sections- 2 dimensional quality, concentration, and breadth- which are scored and graded by the Educational Testing Service (ETS) of the College Board.

Advanced Placement Studio Art: Three-Dimensional Design
357500AW
Grades: 11 – 12
1 unit
Prerequisite: "B" or higher in Art 1 and one (1) other visual arts course; teacher recommendation, Portfolio Assessment.
This course is designed for motivated, well- prepared students interested in pursuing and receiving advanced placement and/or credit for college-level, studio art coursework while still in high school. Participants submit a portfolio of 3-dimensional work for evaluation at the end of the school year. The portfolio consists of three sections - quality, concentration, and breadth - which are scored and graded by the Educational Testing Service (ETS) of the College Board. GENERAL ELECTIVES These additional general electives are taught at many of the high schools and Heyward Technology Center. Students should consider taking these courses if they want to improve their skills in specific areas.

AP Seminar (Columbia, Dreher)
373000AW
Grades: 10 – 11
1 unit
Prerequisite: Participation in AP Capstone Program
This course is the first course required to earn the AP Capstone Diploma. From the College Board: AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational literary and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

AP Research (Columbia, Dreher)
373100AW
Grades: 11 – 12
1 unit
Prerequisite: AP Seminar
This is the second course required to earn the AP Capstone Diploma. From the College Board: AP Research allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a year-long research-based investigation to address a research question. In the AP Research course, students further their skills acquired in the AP Seminar course by understanding research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information as they address a research question. Students explore their skill development, document their processes, and curate the artifacts of the development of their scholarly work in a portfolio. The course culminates in an academic paper of approximately 4000-5000 words (accompanied by a performance or exhibition of product where applicable) and a presentation with an oral defense.

AP Computer Science A
477100AW
Grades: 11 – 12
1 unit
Prerequisite: Algebra II
This course is an introductory computer science course which emphasizes procedural and data abstraction, programming methodology, algorithms, and data structures. Students enrolled in AP Computer science should be competent in written communications and mathematical reasoning. Programming language C++ will be the primary focus and is required on the AP Examination. A minimum of three hours per week of laboratory time is required for success in the course. Students are required to take the Advanced Placement Computer Science Examination. *Counts as the Computer Science graduation requirement.*

AP Computer Science Principles
477500AW
Credit: 1 unit
Grade level(s): 10, 11, 12
Prerequisite: Algebra 1
AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles also gives students the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving. Students are required to take the Advanced Placement Computer Science Principles Examination and complete the AP Computer Science Principles performance tasks.

DUAL ENROLLMENT COURSES

Dual Enrollment English Composition 1 (ENG 101)
301500EW
Grades: 10 – 12
1 unit and 3 hours college credit
Prerequisite: Qualifying placement test score, see counselor for more information
This is a dual-enrollment course in which the following topics are presented: a study of composition in conjunction with appropriate literary selections, with frequent theme assignments to reinforce effective writing. A review of standard usage and the basic techniques of research are also presented. (MTC)

Dual Enrollment Critical Reading and Composition (ENGL 101)
301501EW
Grades: 10 – 12
1 unit and 3 hours college credit
Prerequisite: Must meet entry requirements for USC-Sumter and have successfully completed English 4
This course provides instruction in strategies for critically reading and analyzing literature and non-literary texts; structured, sustained practice in composing expository and analytical essays. Upon successful completion of the course, students will:

1. Identify how a variety of challenging texts represent a range of literary and non-literary genres and a range of media.
2. Demonstrate the ability to learn and practice strategies for reading carefully and for analyzing texts closely, and critically.
3. Work through a full range of writing processes—including invention, planning, drafting, revision, and editing.
4. Develop, organize, and produce effective college-level expository and analytical essays.
5. Demonstrate the ability to summarize, paraphrase, and cite reading material in accordance with MLA guidelines and understand basic principles of academic integrity.
6. Engage in productive discussions with classmates about course texts and about each other's papers in progress.

Develop a clear, effective writing style, free of major errors, appropriate for academic audiences. (USC)

Dual Enrollment English Composition 2 (ENG 102)
301600EW
Grades: 10 – 12
1 unit and 3 hours college credit
Prerequisite: ENG 101–English Composition 1
This is a (college-transfer) course in which the following topics are presented: development of writing skills through logical organization, effective style, literary analysis and research. An introduction to literary genre is also included. (MTC)

Dual Enrollment Rhetoric and Composition (ENGL 102)
301601EW
Grades: 10 – 12
1 unit and 3 hours college credit
Prerequisite: Must meet entry requirements for USC-Sumter and have successfully completed ENGL 101
This course offers structured, sustained practice in researching, analyzing and composing arguments. Students will read about a range of academic and public issues and write researched argumentative and persuasive essays. Upon successful completion of this course, students will:

1. Write effective college-level papers on academic and public issues, each tailored appropriately to its audience and purpose.
2. Demonstrate rhetorical concepts and terms that will enable you to identify the elements of an effective argument.
3. Craft reasoned arguments that articulate a central claim (thesis), draw on credible supporting evidence, and effectively address opposing viewpoints.
4. Demonstrate abilities in researching, specifically to find, assess, and use appropriate supporting materials from the university libraries, the Internet, and other sources.
5. Effectively integrate material from research into your writing via summary, paraphrase, and quotation.
6. Document source materials using MLA style and understand basic principles of academic integrity, intellectual property, citation, and documentation.
7. Work through a full range of writing processes—including invention, planning, drafting, revision, and editing.
8. Collaborate with classmates to develop group projects and to critique each other's work in progress.

Develop a clear, effective writing style, free of major errors, and adapt it to a variety of rhetorical situations. (USC)

Dual Enrollment Creative Writing (ENG 238)
303100EW
Grades: 10 – 12
1 unit and 3 hours college credit
Prerequisite: ENG 102 – English Composition 2
This course presents an introduction to creative writing in various genres. (MTC)

Dual Enrollment College Algebra (MAT 110)
413300EW
Grades: 11 – 12
1 unit and 3 hours college credit
Prerequisite: Grade of 80 or above in Algebra 2
This course includes the following topics: polynomial, rational, logarithmic and exponential functions; inequalities; systems of equations and inequalities; matrices; determinants; simple linear programming; solutions of higher degree polynomials; combinatorial algebra; including the binomial theorem; and introduction to probability. (Graphing calculator required) (MTC)

Dual Enrollment Basic College Mathematics (MATH 111)
413301EW
Grades: 11 – 12
1 unit and 3 hours college credit
Prerequisite: Must meet entry requirements for USC-Sumter
This course provides instruction in basic college algebra; linear and quadratic equations, inequalities, functions and graphs of functions, exponential and logarithm functions, systems of equations. Credit may not be received for both MATH 111 and 115. (USC)

Dual Enrollment College Trigonometry (MAT 111)
413400EW
Grades: 11 – 12
1 unit and 3 hours college credit
Prerequisite: MAT 110 (Tech) MAT 111 (USC) – College Algebra
This course includes the following topics: circular functions; trigonometric identities; solution of right and oblique triangles; solution of trigonometric equations, polar coordinates, complex numbers, including DeMoivre's Theorem; vectors, conic sections, sequences; and series. (Graphing calculator required) (MTC)

Dual Enrollment Analytical Geometry and Calculus 1 (MAT 140)
413609EW
Grades: 11 – 12
1 unit and 3 hours college credit
Prerequisite: MAT 110 (Tech) MAT 111 (USC) – College Algebra and MAT 111 – College Trigonometry
This course includes the following topics: derivatives and integrals of polynomials; rational, logarithmic, exponential, trigonometric, and inverse trigonometric functions; curve sketching; maxima and minima of functions; related rates; work; and analytic geometry. (Graphing calculator required) (MTC)

Dual Enrollment Biological Science 1 (BIO 101)
322800EW
Grades: 11 – 12
1 unit and 3 hours college credit
Prerequisite: RDG 100 – College Reading or ESL 100 – Reading in English as a Second Language
This course is a study of the scientific method, basic biochemistry, cell structure and function, cell physiology, cell reproduction and development, Mendelian genetics, population genetics, natural selection, evolution and ecology. (MTC)

Dual Enrollment Biological Science 2 (BIO 102)
322900EW
Grades: 11 – 12
1 unit and 3 hours college credit
Prerequisite: BIO 101 – Biological Science 1
This course is a study of the classification of organisms and structural and functional considerations of all kingdoms (particularly major phyla as well as viruses). Vertebrate animals and vascular plants are emphasized. (MTC)

Dual Enrollment General Chemistry 1 (CHM 101)
323900EW
Grades: 11 – 12
1 unit and 3 hours college credit
Prerequisite: MAT 101 – Beginning Algebra
This is the first of a sequence of courses in fundamental principles of chemistry. Topics include atomic and molecular structure, nomenclature, formulas and equations, common substances and reactions, stoichiometry, states of matter, solutions, and equilibria. (MTC)

Dual Enrollment Western Civilization to 1689 (HIS 101)
336600EW
Grades: 11 – 12
1 unit & 3 hours college credits
Prerequisite: Teacher recommendation and successful completion of World Geography Honors, World History Honors or AP Human Geography
This course is designated as a social studies elective. This course is a survey of western civilization from ancient times to 1689, including the major political, social, economic, and intellectual factors shaping western cultural tradition. (MTC)

Dual Enrollment Western Civilization from 1689 (HIS 102)
336700EW
Grades: 11 – 12
1 unit & 3 hours college credits
Prerequisite: Teacher recommendation and successful completion of World Geography Honors, World History Honors or AP Human Geography
This course is designated as a social studies elective. This course is a survey of western civilization from 1689 to the present, including the major political, social, economic, and intellectual factors which shape the modern western world. (MTC)

Dual Enrollment American History to 1877 (HIS 201)
332100EW
Grades: 11 – 12
1 unit & 3 hours college credits
Prerequisite: Teacher recommendation and successful completion of World Geography Honors, World History Honors or AP Human Geography
This course is designated as a social studies elective. This course is a survey of U. S. history from discovery to 1877. This course includes political, social, economic, and intellectual developments during this period. (MTC)

Dual Enrollment United States History to 1865 (HIST 111)
332101EW
Grades: 11 – 12
1 unit & 3 hours college credits
Prerequisite: Must meet entry requirements for USC-Sumter
This course provides a general survey of the United States from the era of discovery to 1865, emphasizing major political, economic, social, and intellectual developments. Upon successful completion of this course, students will be able to:
1. Demonstrate use of the principles of historical thinking to understand human societies, specifically through the history of the United States to the end of the Civil War.
2. Define and summarize major events, developments, and themes of United States history until the end of the Civil War.
3. Evaluate significant themes, issues, or eras in United States history until the end of the Civil War.
4. Demonstrate basic skills in the comprehension and analysis of selected sources and their relevance in the context of historical knowledge.
5. Demonstrate ability to develop interpretive historical arguments drawing on primary and/or secondary sources.

Demonstrate ability to recognize the differences between original historical source material (primary sources) and later scholarly interpretations of those sources (secondary sources). (USC)

Dual Enrollment American History 1877 to Present (HIS 202)
332200EW
Grades: 11 – 12
1 unit and 3 hours college credits
Prerequisite: Teacher recommendation and successful completion of World Geography Honors, World History Honors or AP Human Geography
This course meets the graduation requirements for social studies. This course is a survey of U. S. history from 1877 to the present. This course includes political, social, economic, and intellectual developments during this period. (MTC)

Dual Enrollment United States History Since 1865 (HIST 112)
332201EW
Grades: 11 – 12
1 unit and 3 hours college credits
Prerequisite: Must meet entry requirements for USC-Sumter
This course provides a general survey of the United States from 1865 to the present, emphasizing major political, economic, social, and intellectual developments. Upon successful completion of the course, students will be able to:
1. Demonstrate use of the principles of historical thinking to understand human societies, specifically through the history of the United States from the end of the Civil War to the contemporary era.
2. Define and summarize major events, developments, and themes of United States history from the end of the Civil War until the contemporary era.
3. Evaluate significant themes, issues, or eras in United States history from the end of the Civil War until the contemporary era.
4. Demonstrate basic skills in the comprehension and analysis of selected sources and their relevance in the context of historical knowledge.
5. Demonstrate ability to develop interpretive historical arguments drawing on primary and/or secondary sources.

Demonstrate ability to recognize the differences between original historical source material (primary sources) and later scholarly interpretations of those sources (secondary sources). (USC)

Dual Enrollment Intro to Psychology (PSY 201)
334200EW
Grade: 12
1 unit & 3 hours college credit
Prerequisite: Students must pass the Midlands Technical College ACCUPLACER examination requirements.
This course is designated as a social studies elective. General Psychology (PSY 201) is offered by the Midlands Technical College for 3 hours of college credit. This course includes the following topics and concepts in the science of behavior: scientific method, biological bases for behavior, perception, motivation, learning memory, development, personality, abnormal behavior, therapeutic techniques, and social psychology. Students are responsible for paying the tuition fee assessed by the Midlands Technical College. (MTC)

Dual Enrollment Intro to Psychology (PSYC 101)
334201EW
Grade: 12
1 unit & 3 hours college credit
Prerequisite: Must meet entry requirements for USC-Sumter
This course provides an introduction to the basic concepts and findings within the field of psychology. (USC)

Dual Enrollment Intro to Sociology (SOC 101)
334700EW
Grades: 11 – 12
1 unit & 3 hours college credit
Prerequisite: Students must pass the Midlands Technical College ACCUPLACER examination requirements.
This course emphasizes the fundamental concepts and principles of sociology, including culture, socialization, interaction, social groups and stratification, effects of population growth, and technology in society and social institutions. Students are responsible for paying the tuition fee assessed by the Midlands Technical College.

This course may be offered through videoconferencing. (MTC)

Dual Enrollment Introductory Sociology (SOCY 101)
334701EW
Grades: 11 – 12
1 unit & 3 hours college credit
Prerequisite: Must meet entry requirements for USC-Sumter
An introduction to sociological facts and principles: an analysis of group-making processes and products. Upon successful completion of this course, students will be able to:
1. Discuss the works of the classical scholars in sociology.
2. Recognize the different types of social science research and the differences between qualitative and quantitative methods.
3. Explain and define major sociological concepts such as class, status, social institution, socialization, identity, deviance, etc.

Explain social inequalities related to race, gender, class and status. (USC)

Dual Enrollment American National Government (POLI 201)
333101EW
Grades: 11 – 12
1 unit & 3 hours college credit
Prerequisite: Must meet entry requirements for USC-Sumter
This course is focused on the formation and development of the national government, its organization and powers. Upon successful completion of this course, students will be able to:
1. Express an informed opinion about the health of the American democracy and citizenship based the upon the various social and political science theories and analytical methodologies we examine in class;
2. Define and explain not only the broad principles, ideals, and ethical values, but also the debates and compromises that accompanied the founding of the American republic and that still often animate its politics, including the role of cultural diversity;
3. Explain and analyze the logic of the American constitutional system, as envisioned by its framers, as well as the tensions and shortcomings of that system, and its relationship to social well-being and the resolution of conflict;
4. Explain and analyze the internal dynamics and interplay of the three main branches of the U.S. government and the questions of separated authority, check-and-balance, and accountability that still exist;

Demonstrate understanding of what shapes American citizenship and participation and the various processes, barriers, opportunities, institutions, and mediating groups that have helped or hindered equity and democratic responsiveness. (USC)

Dual Enrollment Public Communication (SPCH 140)
304501EW
Grades: 11 – 12
1 unit & 3 hours college credit
Prerequisite: Must meet entry requirements for USC-Sumter
This course provides an introduction to theory and practice of oral communication in public, social, and institutional contexts. Includes foundational and cumulative training in the invention, performance, and critical analysis of oral communication, with emphasis on argumentation, persuasion, audience analysis, delivery, and ethical forms of engagement. Upon successful completion of the course, students will be able to:
1. Identify different forms of public communication and explain their respective value in specific social, political, and institutional contexts.
2. Explain the fundamental concepts of public communication, including principles of oral argumentation, persuasion, theories of the rhetorical situation and audience interaction, modes of listening and style, and the demands of ethical public engagement.
3. Apply and demonstrate the basic concepts of public communication through the performance of speeches that are addressed to a variety of issues, audiences and situations.
4. Interpret and assess the form, dynamics, and power of public communication.
5. Define the art of rhetoric and explain its role in the development of public and social life. (USC)

Dual Enrollment Introduction to Early Childhood (ECD 101)
570800EW
Grade: 11 – 12
1 unit & 3 hours college credit
Prerequisite: Students must pass the Midlands Technical College ACCUPLACER examination requirements.
This course includes an overview of growth and development, developmentally appropriate curriculum, positive guidance techniques, regulations, health, safety, and nutrition standards in early care and education. Professionalism, family/cultural values and practical applications based on historical and theoretical models in early care and education are highlighted in this course. (MTC)

Dual Enrollment Teacher Cadet Program (EDTE 101) (USC)
373501EW
(Dreher, AC Flora, and Lower Richland)
Grade: 12
1 unit and 3 college credit hours
Prerequisite: Teacher recommendation and a 3.0 grade point average
Teacher Cadet is for students possessing a high level of academic achievement who may be interested in a career in education. The intention of this course is both

to create an interest in teaching as a profession and to promote an understanding of our American education system among future community leaders. This program works in conjunction with local colleges and universities. Course content will cover such subjects as the learner, effective teaching, the lesson, understanding schools, teaching as a career/ profession, and field observation. *The student must also enroll in EDTE 101P, which is one-third of the college credit awarded by the college*. (USC)

Dual Enrollment Teacher Cadet Program (EDU 105) (Newberry)
373502EW
(Columbia, Eau Claire, and Keenan)
Grade: 12
1 unit and 3 college credit hours
Prerequisite: Teacher recommendation and a 3.0 grade point average
Teacher Cadet is for students possessing a high level of academic achievement who may be interested in a career in education. The intention of this course is both to create an interest in teaching as a profession and to promote an understanding of our American education system among future community leaders. This program works in conjunction with local colleges and universities. Course content will cover such subjects as the learner, effective teaching, the lesson, understanding schools, teaching as a career/ profession, and field observation. (Newberry)

Dual Enrollment Teacher Cadet Program (EDU 100) (Columbia College)
373503EW
(CA Johnson)
Grade: 12
1 unit and 3 college credit hours
Prerequisite: Teacher recommendation and a 3.0 grade point average
Teacher Cadet is for students possessing a high level of academic achievement who may be interested in a career in education. The intention of this course is both to create an interest in teaching as a profession and to promote an understanding of our American education system among future community leaders. This program works in conjunction with local colleges and universities. Course content will cover such subjects as the learner, effective teaching, the lesson, understanding schools, teaching as a career/ profession, and field observation. (Columbia College)

Dual Enrollment Intro to Criminal Justice (CRJ 101)
652000EW
Grades: 12
1 unit & 3 hours college credit
Prerequisite: Students must pass the Midlands Technical College ACCUPLACER examination requirements.
This course includes an overview of the functions and responsibilities of agencies involved in the administration of justice, to include police organizations, court systems, correctional systems and juvenile justice agencies. Students are responsible for paying the tuition fee assessed by Midlands Technical College. (MTC)

Dual Enrollment Introduction to Art (ARTE 101)
352001EW
Grades: 11 – 12
1 unit & 3 hours college credit
Prerequisite: Must meet entry requirements for USC-Sumter
This course incorporates lectures in art appreciation introducing the elements and principles of the visual arts, with examples from the history of art. Upon successful completion of the course, students will be able to:
1. Identify the elements and principles of the visual arts.
2. Define and employ terminology associated with the visual arts.
3. Apply fundamental aesthetic concepts in interpreting works of art.
4. Explain significant trends in style and content in Western visual arts.
5. Recognize notable works of Western art and discuss their significance. (USC)

Dual Enrollment History and Appreciation of Art (ART 101)
352004EW
Grades: 11 – 12
1 unit & 3 hours college credit
Prerequisite: Students must pass the Midlands Technical College ACCUPLACER examination requirements.
This is an introductory course to the history and appreciation of art, including the elements and principles of the visual arts. (MTC)

Dual Enrollment Introduction to Music (MUSC 110)
356501EW
Grades: 11 – 12
1 unit & 3 hours college credit
Prerequisite: Must meet entry requirements for USC-Sumter
This course focuses on perceptive listening and appreciation of musical elements, forms and style periods, including composers' lives, individual styles and representative works. Emphasis on classical music; jazz and American popular music is included. Upon successful completion, students will be able to:
1. Analyze musical works with regard to compositional elements, style, and historical periods.
2. Discuss specific artistic periods or styles of music with regard to historical development and major practitioners.
3. Demonstrate understanding of the ways music functions in society and culture.
4. Demonstrate ability to listen critically to music and develop a basic understanding of aesthetics and music as an art.
5. Demonstrate enhanced general competencies in the areas of reading, writing, critical thinking, and the

basic listening skills required to engage in an informed discussion of music.
6. Continue to develop life-long knowledge and enjoyment of music. (USC)

Dual Enrollment Music Appreciation (MUS 105)
356504EW
Grades: 11 – 12
1 unit & 3 hours college credit
Prerequisite: Students must pass the Midlands Technical College ACCUPLACER examination requirements.
This course is an introduction to the study of music with focus on the elements of music and their relationships, the musical characteristics of representative works and composers, common musical forms and genres of various Western and non-Western historical style periods, and appropriate listening experiences. (MTC)

Dual Enrollment Medical Terminology (AHS 102)
554100EW
Grades: 11 - 12
1 unit and 3 hours college credits
Prerequisite: Students must pass the Midlands Technical College ACCUPLACER examination requirements.
This course covers medical terms, including roots, prefixes and suffixes, with emphasis on spelling, definition and pronunciation. (MTC)

Dual Enrollment Medical Vocabulary/Anatomy (AHS 104)
554200EW
Grades: 11 - 12
1 unit and 3 hours college credits
Prerequisite: Students must pass the Midlands Technical College ACCUPLACER examination requirements.
This course introduces the fundamental principles of medical terminology and includes a survey of human anatomy and physiology. (MTC)

Dual Enrollment Health Careers (AHS 119/180)
551000EW
Grade 12
1 unit & 3 hours college credit
Prerequisite: Students must pass the Midlands Technical College ACCUPLACER Exam with a minimum reading score of 75.
This course provides information on various health careers to include job responsibility, personal and educational requirements, as well as overview of health care system with its unique nomenclature and delivery of care. (MTC)

Dual Enrollment Intro to Computers (CPT 101)
470500EW
Grades: 12
1 unit & 3 hours college credit
Prerequisite: Students must pass the Midlands Technical College ACCUPLACER examination requirements.
This course covers basic computer history, theory and applications, including word processing, spreadsheets, databases, and the operating system. (*This is NOT CPT 101 Intro to Computer Technology, which is not offered in Richland One.*) (MTC)

Dual Enrollment Microcomputer Applications (CPT 170)
502600EW
Grades: 12
1 unit & 3 hours college credit
Prerequisite: Students must pass the Midlands Technical College ACCUPLACER examination requirements.
This course introduces microcomputer applications software, including word processing, data bases, spreadsheets, graphs and their integration. *This course cannot be used for CATE credit or to meet CATE completer requirements.* (MTC)

ADDITIONAL DUAL-ENROLLMENT COURSES FOR RICHLAND ONE MIDDLE COLLEGE (ROMC)

Course Number	Course Title	College
304500EW	SPC 205	MTC
414300EW	MAT 120	MTC
335800EW	ECO 211	MTC
303700EW	ENG 205	MTC
403200EW	ENG 236	MTC
324700EW	PHY 201	MTC

Each of the courses listed above earns one high school credit and three college credits.

INTERNATIONAL BACCALAUREATE DIPLOMA PROGRAM

International Baccalaureate (IB) course offerings may vary and each course may not be offered each year. IB programs are offered only at AC Flora and Lower Richland.

GROUP 1: Language A1 (1st Language)

IB English Literature HL –1
301B00IW
Credit(s): 1unit
Level: Higher
Grade Level: 11
Duration: 2 years (1st of two year sequence)
Prerequisite(s): English I & II Honors
Description: This course encourages students to see literary works as products of art and their authors as craftsmen whose methods of production can be analyzed in a variety of ways and on a number of levels. This is achieved through the emphasis placed on exploring the means used by different authors to convey their subjects in the works studied. It is further reinforced by the comparative framework emphasized for the study of these works in all parts of the program. IB Internal and External Assessments required.

IB English Literature HL –2
301C00IW
Credit(s): 1 unit
Level: Higher
Grade Level: 12
Duration: Continuation of IB English HL-1(2nd of two year sequence)
Prerequisite: IB English HL-1
Description: This course encourages students to see literary works as products of art and their authors as craftsmen whose methods of production can be analyzed in a variety of ways and on a number of levels. This is achieved through the emphasis placed on exploring the means used by different authors to convey their subjects in the works studied. It is further reinforced by the comparative framework emphasized for the study of these works in all parts of the program. IB Internal and External Assessments required. IB Examination in May.

IB English Language and Literature HL-1
301B01IW
Credit(s): 1 unit
Level: Higher
Grade Level: 11
Duration: 2 years (1st of two year sequence)
Prerequisite(s): English I & II Honors
Description: Language and literature comprises four parts—two relate to the study of language and two to the study of literature. The study of the texts produced in a language is central to an active engagement with language and culture and, by extension, to how we see and understand the world in which we live. A key aim of the language A: language and literature course is to encourage students to question the meaning generated by language and texts. Helping students to focus closely on the language of the texts they study and to become aware of the role of each text's wider context in shaping its meaning is central to the course. IB Internal and External Assessments required.

IB English Language and Literature HL-2
301C02IW
Credit(s): 1 unit
Level: Higher
Grade Level: 12
Duration: Continuation of IB English Language and Literature HL-1 (2nd of two year sequence)
Prerequisite: IB English Language and Literature HL-1
Description: Language and literature comprises four parts—two relate to the study of language and two to the study of literature. The study of the texts produced in a language is central to an active engagement with language and culture and, by extension, to how we see and understand the world in which we live. A key aim of the language A: language and literature course is to encourage students to question the meaning generated by language and texts. Helping students to focus closely on the language of the texts they study and to become aware of the role of each text's wider context in shaping its meaning is central to the course. IB Internal and External Assessments required. IB Examination in May.

GROUP 2: Language B (2nd Language)

IB French B SL Seminar
361K00HW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): French III H
Description: An additional language-learning course designed for students with some previous learning of the language. The main focus is on language acquisition and development of language skills through the study and use of a range of written and spoken material. Such material will extend from everyday oral exchanges to literary texts, and be related to the culture(s) concerned. IB Internal and External Assessments required.

IB French B SL
361G12IW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): IB French B SL Seminar
Description: An additional language-learning course designed for students with some previous learning of the language. The main focus is on language acquisition and development of language skills through the study

and use of a range of written and spoken material. Such material will extend from everyday oral exchanges to literary texts, and be related to the culture(s) concerned. IB Internal and External Assessments required. IB Examination in May.

IB French ab initio Seminar SL
361K01HW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): Coordinator Approval
Description: Organized into three themes: individual/society, leisure/ work and urban/rural environment. These three fundamental areas are interconnected and are studied concurrently. This course is designed for a student with little previous experience in the language. IB Internal and External Assessments required.

IB French ab initio SL
361F12IW
Credit(s) 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): Coordinator Approval
Description: Organized into three themes: individual/society, leisure/ work and urban/rural environment. These three fundamental areas are interconnected and are studied concurrently. This course is designed for a student with little previous experience in the language. IB Internal and External Assessments required. IB Examination in May.

IB German B SL Seminar
362J00HW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): German III H
Description: An additional language-learning course designed for students with some previous learning of the language. The main focus is on language acquisition and development of language skills through the study and use of a range of written and spoken material. Such material will extend from everyday oral exchanges to literary texts, and be related to the culture(s) concerned. IB Internal and External Assessments required.

IB German B SL
362G12IW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): German IV H
Description: An additional language-learning course designed for students with some previous learning of the language. The main focus is on language acquisition and development of language skills through the study and use of a range of written and spoken material. Such material will extend from everyday oral exchanges to literary texts, and be related to the culture(s) concerned. IB Internal and External Assessments required. IB Examination in May.

IB German ab initio Seminar SL
362K00HW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): Coordinator Approval
Description: Organized into three themes: individual/society, leisure/ work and urban/rural environment. These three fundamental areas are interconnected and are studied concurrently. This course is designed for a student with little previous experience in the language. IB Internal and External Assessments required.

IB German ab initio SL
362F12IW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): Coordinator Approval
Description: Organized into three themes: individual/society, leisure/ work and urban/rural environment. These three fundamental areas are interconnected and are studied concurrently. This course is designed for a student with little previous experience in the language. IB Internal and External Assessments required. IB Examination in May.

IB Spanish B SL Seminar
365J00HW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): Spanish III H
Description: An additional language-learning course designed for students with some previous learning of the language. The main focus is on language acquisition and development of language skills through the study and use of a range of written and spoken material. Such material will extend from everyday oral exchanges to literary texts, and be related to the culture(s) concerned. IB Internal and External Assessments required.

IB Spanish B SL
365G12IW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): IB Spanish B SL Seminar
Description: An additional language-learning course designed for students with some previous learning of the language. The main focus is on language acquisition and development of language skills through the study and use of a range of written and spoken material. Such material will extend from everyday oral exchanges to literary texts, and be related to the culture(s) concerned. IB Internal and External Assessments required. IB Examination in May.

IB Spanish ab initio Seminar SL
365K00HW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): Coordinator Approval
Description: Organized into three themes: individual/society, leisure/ work and urban/rural environment. These three fundamental areas are interconnected and are studied concurrently. This course is designed for a student with little previous experience in the language. IB Internal and External Assessments required.

IB Spanish ab initio SL
365F12IW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): Coordinator Approval
Description: Organized into three themes: individual/society, leisure/ work and urban/rural environment. These three fundamental areas are interconnected and are studied concurrently. This course is designed for a student with little previous experience in the language. IB Internal and External Assessments required. IB Examination in May.

GROUP 3: Individuals and Societies

IB Business and Management SL Seminar
381D00HW
Credit(s): 1 unit
Level: Standard
Grade Level: 11
Duration: 2 years (first of the two-year sequence)
Prerequisite(s): IB Candidate
Description: The Diploma Programme business and management course is designed to develop an understanding of business theory, as well as an ability to apply business principles, practices and skills. As a course it aims to encourage a holistic view of the world of business by promoting an awareness of social, cultural and ethical factors in the actions of organizations and individuals in those organizations. The Diploma Programme business and management course is designed to develop an understanding of business theory, as well as an ability to apply business principles, practices and skills. The application of tools and techniques of analysis facilitates an appreciation of complex business activities. The course considers the diverse range of business organizations and activities and the cultural and economic context in which business operates. Emphasis is placed on strategic decision making and the day-to-day business functions of marketing, production, human resource management and finance. Links between the topics are central to the course, and this integration promotes a holistic overview of business activity. IB Internal and External Assessments required.

IB Business and Management SL
381A01IW
Credit(s): 1 unit
Level: Standard
Grade Level: 12
Duration: 2 years (second of the two-year sequence)
Prerequisite(s): IB Business and Management SL Seminar
Description: The Diploma Programme business and management course is designed to develop an understanding of business theory, as well as an ability to apply business principles, practices and skills. As a course it aims to encourage a holistic view of the world of business by promoting an awareness of social, cultural and ethical factors in the actions of organizations and individuals in those organizations. The Diploma Programme business and management course is designed to develop an understanding of business theory, as well as an ability to apply business principles, practices and skills. The application of tools and techniques of analysis facilitates an appreciation of complex business activities. The course considers the diverse range of business organizations and activities and the cultural and economic context in which business operates. Emphasis is placed on strategic decision-making and the day-to-day business functions of marketing, production, human resource management and finance. Links between the topics are central to the course, and this integration promotes a holistic overview of business activity. IB Internal and External Assessments required. IB Examination in May.

IB Business and Management HL-1
381B00IW
Credit(s): 1 unit
Level: Higher
Grade Level: 11
Duration: 2 years (first of the two-year sequence)
Prerequisite(s): IB Candidate
Description: The Diploma Programme business and management course is designed to develop an understanding of business theory, as well as an ability to apply business principles, practices and skills. As a course it aims to encourage a holistic view of the world of business by promoting an awareness of social, cultural and ethical factors in the actions of organizations and individuals in those organizations. The Diploma Programme business and management course is designed to develop an understanding of business theory, as well as an ability to apply business principles, practices and skills. The application of tools and techniques of analysis facilitates an appreciation of complex business activities. The course considers the diverse range of business organizations and activities and the cultural and economic context in which business operates. Emphasis is placed on strategic decision making and the day-to-day business functions of marketing, production, human resource management and finance. Links between the topics are central to the course, and this integration promotes a holistic overview of business activity. IB Internal and External Assessments required.

IB Business and Management HL-2
381C00IW
Credit(s): 1 unit
Level: Higher
Grade Level: 12
Duration: 2 years (second of the two-year sequence)
Prerequisite(s): IB Business and Management HL I
Description: The Diploma Programme business and management course is designed to develop an understanding of business theory, as well as an ability to apply business principles, practices and skills. As a course it aims to encourage a holistic view of the world of business by promoting an awareness of social, cultural and ethical factors in the actions of organizations and individuals in those organizations. The Diploma Programme business and management course is designed to develop an understanding of business theory, as well as an ability to apply business principles, practices and skills. The application of tools and techniques of analysis facilitates an appreciation of complex business activities. The course considers the diverse range of business organizations and activities and the cultural and economic context in which business operates. Emphasis is placed on strategic decision making and the day-to-day business functions of marketing, production, human resource management and finance. Links between the topics are central to the course, and this integration promotes a holistic overview of business activity. IB Internal and External Assessments required. IB Examination in May.

IB Economics SL Seminar
335D00HW
Credit(s): 1 unit
Level: Standard
Grade Level: 11
Duration: 2 years (first of the two-year sequence)
Prerequisite(s): IB Candidate
Description: The IB Diploma Programme economics course emphasizes the economic theories of microeconomics, which deal with economic variables affecting individuals, firms and markets, and the economic theories of macroeconomics, which deal with economic variables affecting countries, governments and societies. These economic theories are not to be studied in a vacuum—rather; they are to be applied to real world issues. Prominent among these issues are fluctuations in economic activity, international trade, economic development and environmental sustainability. The economics course encourages students to develop international perspectives, fosters a concern for global issues, and raises students' awareness of their own responsibilities at a local, national and international level. The course also seeks to develop values and attitudes that will enable students to achieve a degree of personal commitment in trying to resolve these issues, appreciating our shared responsibility as citizens of an increasingly interdependent world. IB Internal and External Assessments required.

IB Economics SL
335A00IW
Credit(s): 1 unit
Level: Standard
Grade Level: 12
Duration: 2 years (second of the two-year sequence)
Prerequisite(s): IB Economics SL Seminar
Description: The IB Diploma Programme economics course emphasizes the economic theories of microeconomics, which deal with economic variables affecting individuals, firms and markets, and the economic theories of macroeconomics, which deal with economic variables affecting countries, governments and societies. These economic theories are not to be studied in a vacuum—rather; they are to be applied to real-world issues. Prominent among these issues are fluctuations in economic activity, international trade, economic development and environmental sustain ability. The economics course encourages students to develop international perspectives, fosters a concern for global issues, and raises students' awareness of their own responsibilities at a local, national and international level. The course also seeks to develop values and attitudes that will enable students to achieve a degree of personal commitment in trying to resolve these issues, appreciating our shared responsibility as citizens of an increasingly interdependent world. IB Internal and External Assessments required. IB Examination in May.

IB Economics HL-1
335B01IW
Credit(s): 1 unit
Level: Higher
Grade Level: 11
Duration: 2 years (first of the two-year sequence)
Prerequisite(s): IB Candidate
Description: The IB Diploma Programme economics course emphasizes the economic theories of microeconomics, which deal with economic variables affecting individuals, firms and markets, and the economic theories of macroeconomics, which deal with economic variables affecting countries, governments and societies. These economic theories are not to be studied in a vacuum—rather; they are to be applied to real-world issues. Prominent among these issues are fluctuations in economic activity, international trade, economic development and environmental sustainability. The economics course encourages students to develop international perspectives, fosters a concern for global issues, and raises students' awareness of their own responsibilities at a local, national and international level. The course also seeks to develop values and attitudes that will enable students to achieve a degree of personal commitment in trying to resolve these issues, appreciating our shared responsibility as citizens of an increasingly interdependent world. IB Internal and External Assessments required.

IB Economics HL-2
335C02IW
Credit(s): 1 unit
Level: Higher
Grade Level: 12
Duration: 2 years (second of the two-year sequence)
Prerequisite(s): IB Economics HL I
Description: The IB Diploma Programme economics course emphasizes the economic theories of microeconomics, which deal with economic variables affecting individuals, firms and markets, and the economic theories of macroeconomics, which deal with economic variables affecting countries, governments and societies. These economic theories are not to be studied in a vacuum—rather; they are to be applied to real-world issues. Prominent among these issues are fluctuations in economic activity, international trade, economic development and environmental sustainability. The economics course encourages students to develop international perspectives, fosters a concern for global issues, and raises students' awareness of their own responsibilities at a local, national and international level. The course also seeks to develop values and attitudes that will enable students to achieve a degree of personal commitment in trying to resolve these issues, appreciating our shared responsibility as citizens of an increasingly interdependent world. IB Internal and External Assessments required.

IB Geography SL Seminar
335D00HW
Credit(s): 1 unit
Level: Standard
Grade Level: 11
Duration: 2 years (second of two-year sequence)
Prerequisite: IB None
Description: Topics include global and international awareness in several distinct ways, key global issues, such as poverty, sustainability and climate change. It considers examples and detailed case studies at a variety of scales, from local to regional, national and international. IB Internal and External Assessments required.

IB Geography SL
331A00IW
Credit(s): 1 unit
Level: Standard
Grade Level: 12
Duration: 2 years (second of the two-year sequence)
Prerequisite(s): IB Geography SL Seminar
Description: The geography course embodies global and international awareness in several distinct ways. It examines key global issues, such as poverty, sustainability and climate change. It considers examples and detailed case studies at a variety of scales, from local to regional, national and international. Throughout the course, teachers have considerable flexibility in their choice of examples and case studies to ensure that Diploma Programme geography is a highly appropriate way to meet the needs of all students, regardless of their precise geographical location. Inherent in the syllabus is a consideration of different perspectives, economic circumstances and social and cultural diversity. Geography seeks to develop international understanding and foster a concern for global issues as well as to raise students' awareness of their own responsibility at a local level. Geography also aims to develop values and attitudes that will help students reach a degree of personal commitment in trying to resolve these issues, appreciating our shared responsibility as citizens of an increasingly interconnected world. IB Internal and External Assessments required in May.

IB Geography HL-1
331B01IW
Credit(s): 1 unit
Level: Higher
Grade Level: 11
Duration: 2 years (first of the two-year sequence)
Prerequisite(s): IB Candidate
Description: The geography course embodies global and international awareness in several distinct ways. It examines key global issues, such as poverty, sustainability and climate change. It considers examples and detailed case studies at a variety of scales, from local to regional, national and international. Throughout the course, teachers have considerable flexibility in their choice of examples and case studies to ensure that Diploma Programme geography is a highly appropriate

way to meet the needs of all students, regardless of their precise geographical location. Inherent in the syllabus is a consideration of different perspectives, economic circumstances and social and cultural diversity. Geography seeks to develop international understanding and foster a concern for global issues as well as to raise students' awareness of their own responsibility at a local level. Geography also aims to develop values and attitudes that will help students reach a degree of personal commitment in trying to resolve these issues, appreciating our shared responsibility as citizens of an increasingly interconnected world. IB Internal and External Assessments required.

IB Geography HL-2
331C02IW
Credit(s): 1 unit
Level: Higher
Grade Level: 12
Duration: 2 years (second of the two-year sequence)
Prerequisite(s): IB Geography HL I
Description: The geography course embodies global and international awareness in several distinct ways. It examines key global issues, such as poverty, sustainability and climate change. It considers examples and detailed case studies at a variety of scales, from local to regional, national and international. Throughout the course, teachers have considerable flexibility in their choice of examples and case studies to ensure that Diploma Programme geography is a highly appropriate way to meet the needs of all students, regardless of their precise geographical location. Inherent in the syllabus is a consideration of different perspectives, economic circumstances and social and cultural diversity. Geography seeks to develop international understanding and foster a concern for global issues as well as to raise students' awareness of their own responsibility at a local level. Geography also aims to develop values and attitudes that will help students reach a degree of personal commitment in trying to resolve these issues, appreciating our shared responsibility as citizens of an increasingly interconnected world. . IB Internal and External Assessments required in May.

IB History SL Seminar
336L00HW
Credit(s): 1 unit
Level: Standard
Grade Level: 11
Duration: 2 years (first of the two-year sequence)
Prerequisite(s): World History-H and World Geography-H or AP Human Geography (preferred) and AP World History (preferred)
Description: Provides an understanding of history as a discipline, including the nature and diversity of its sources, methods and interpretations while encouraging an understanding of the impact of historical developments at national, regional and international levels. IB Internal and External Assessments required.

IB History SL
336K02IW
Credit(s): 1 unit
Level: Standard
Grade Level: 12
Duration: Continuation of IB History HL-1 (second of the two-year sequence)
Prerequisite(s): IB History HL-1
Description: Provides an understanding of history as a discipline, including the nature and diversity of its sources, methods and interpretations while encouraging an understanding of the impact of historical developments at national, regional and international levels. IB Internal and External Assessments required. IB Examination in May.

IB US History
336D01IW
Credit(s): 1 unit
Level: Higher
Grade Level: 11
Duration: 2 years (first of the two-year sequence)
Prerequisite(s): World History-H and World Geography-H or AP Human Geography (preferred) and AP World History (preferred)
Description: Provides an understanding of history as a discipline, including the nature and diversity of its sources, methods and interpretations while encouraging an understanding of the impact of historical developments at national, regional and international levels. Students enrolled in IB US History will take the US History EOCEP. IB Internal and External Assessments required.

IB History of Americas HL
336C02IW
Credit(s): 1 unit
Level: Higher
Grade Level: 12
Duration: Continuation of IB History HL-1 (second of the two-year sequence)
Prerequisite(s): IB History HL-1
Description: Provides an understanding of history as a discipline, including the nature and diversity of its sources, methods and interpretations while encouraging an understanding of the impact of historical events at national, regional and international levels. IB Internal and External Assessments required in May.

IB Information Technology in a Global Society (ITGS) SL Seminar
473B00HW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): None
Description: Topics include: Social and ethical significance of IT developments, application to specified scenarios, IT systems; will count as high school

computer science requirement. IB Internal and External Assessments required.

IB Information Technology in a Global Society (ITGS) SL
473A12 IW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): IB ITGS SL Seminar
Description: Topics include: Social and ethical significance of IT developments, application to specified scenarios, IT systems; will count as high school computer science requirement. IB Internal and External Assessments required. IB Examination in May.

IB Information Technology in a Global Society (ITGS) HL -1
473B01IW
Credit(s): 1 unit
Level: Higher
Grade Level: 11
Duration: 2 years (first of a two-year sequence)
Prerequisite(s): None
Description: Topics include: Social and ethical significance of IT developments (with extension topics), application to specified scenarios (with extension topics), IT systems (with extension topics); will count as high school computer science requirement. IB Internal and External Assessments required.

IB Information Technology in a Global Society (ITGS) HL -2
473C02IW
Credit(s): 1 unit
Level: Higher
Grade Level: 12
Duration: 2 years (second of a two-year sequence)
Prerequisite(s): IB ITGS HL -1
Description: Topics include: Social and ethical significance of IT developments (with extension topics), application to specified scenarios (with extension topics), IT systems (with extension topics); will count as high school computer science requirement. IB Internal and External Assessments required. IB Examination in May.

IB Philosophy SL Seminar
338G00HW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): IB Candidate
Description: The Diploma Programme philosophy course aims to be inclusive and to deal with a wide range of issues that can be approached in a philosophical way. A concern with clarity of understanding lies at the core of the philosophy course. This clarity is achieved through critical and systematic thinking, careful analysis of arguments, and the study of philosophical themes and a close reading of texts. Through this examination of themes and texts, the philosophy course allows students to explore fundamental questions that people have asked throughout human history. IB Internal and External Assessments required.

IB Philosophy SL
338A00IW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): IB Candidate
Description: The Diploma Programme philosophy course aims to be inclusive and to deal with a wide range of issues that can be approached in a philosophical way. A concern with clarity of understanding lies at the core of the philosophy course. This clarity is achieved through critical and systematic thinking, careful analysis of arguments, and the study of philosophical themes and a close reading of texts. Through this examination of themes and texts, the philosophy course allows students to explore fundamental questions that people have asked throughout human history. IB Internal and External Assessments required. IB Examination in May.

IB Philosophy HL-1
338B01IW
Credit(s): 1 unit
Level: Higher
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): IB Philosophy SL Seminar
Description: The Diploma Programme philosophy course aims to be inclusive and to deal with a wide range of issues that can be approached in a philosophical way. A concern with clarity of understanding lies at the core of the philosophy course. This clarity is achieved through critical and systematic thinking, careful analysis of arguments, and the study of philosophical themes and a close reading of texts. Through this examination of themes and texts, the philosophy course allows students to explore fundamental questions that people have asked throughout human history. IB Internal and External Assessments required.

IB Philosophy HL-2
338C02IW
Credit(s): 1 unit
Level: Higher
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): IB Candidate
Description: The Diploma Programme philosophy course aims to be inclusive and to deal with a wide range of issues that can be approached in a philosophical way. A concern with clarity of understanding lies at the core of the philosophy course. This clarity is achieved through critical and systematic thinking, careful analysis of arguments, and the study of philosophical themes and a close reading of texts. Through this examination of

themes and texts, the philosophy course allows students to explore fundamental questions that people have asked throughout human history. IB Internal and External Assessments required. IB Examination in May.

IB Psychology SL Seminar
334D00HW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): None
Description: Topics include the biological, cognitive and sociocultural levels of analysis; one option chosen among abnormal, developmental, health, sport or human relationship psychology. IB Internal and External Assessments required.

IB Psychology SL
334A12IW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): IB Psychology Seminar
Description: Topics include the biological, cognitive and sociocultural levels of analysis; one option chosen among abnormal, developmental, health, sport or human relationship psychology. IB Internal and External Assessments required. IB Examination in May.

IB Psychology HL-1
334B01IW
Credit(s): 1 unit
Level: Higher
Grade Level: 11
Duration: 2 years (first of a two-year sequence)
Prerequisite(s): None
Description: Topics include the biological, cognitive, sociocultural levels of analysis and qualitative research in psychology. Two options are chosen among abnormal, developmental, health, sport or human relationship psychology. IB Internal and External Assessments required.

IB Psychology HL-2
334C02IW
Credit(s): 1 unit
Level: Higher
Grade Level: 12
Duration: 2 years (second of a two-year sequence)
Prerequisite(s): IB Psychology HL-1
Description: Topics include the biological, cognitive, sociocultural levels of analysis and qualitative research in psychology. Two options are chosen among abnormal, developmental, health, sport or human relationship psychology IB Internal and External Assessments required. IB Examination in May.

IB Social & Cultural Anthropology SL
338D00IW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): None
Description: The IB social and cultural anthropology course offers an opportunity for students to become acquainted with anthropological perspectives and ways of thinking, and to develop critical, reflexive knowledge. Social and cultural anthropology contributes a distinctive approach to intercultural awareness and understanding, which embodies the essence of an IB education. Anthropology fosters the development of citizens who are globally aware and ethically sensitive. The social and cultural anthropology course for both SL and HL students is designed to introduce the principles, practices and materials of the discipline. IB Internal and External Assessments required. IB Examination in May.

IB Social & Cultural Anthropology HL-1
338E01IW
Credit(s): 1 unit
Level: Higher
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): IB Candidate
Description: The IB social and cultural anthropology course offers an opportunity for students to become acquainted with anthropological perspectives and ways of thinking, and to develop critical, reflexive knowledge. Social and cultural anthropology contributes a distinctive approach to intercultural awareness and understanding, which embodies the essence of an IB education. Anthropology fosters the development of citizens who are globally aware and ethically sensitive. The social and cultural anthropology course for both SL and HL students is designed to introduce the principles, practices and materials of the discipline. IB Internal and External Assessments required.

IB Social & Cultural Anthropology HL-2
338F02IW
Credit(s): 1 unit
Level: Higher
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): IB Social & Cultural Anthropology HL-I
Description: The IB social and cultural anthropology course offers an opportunity for students to become acquainted with anthropological perspectives and ways of thinking, and to develop critical, reflexive knowledge. Social and cultural anthropology contributes a distinctive approach to intercultural awareness and understanding, which embodies the essence of an IB education. Anthropology fosters the development of citizens who are globally aware and ethically sensitive. The social and cultural anthropology course for both SL and HL students is designed to introduce the principles,

practices and materials of the discipline. IB Internal and External Assessments required. IB Examination in May.

Group 4: Experimental Sciences

IB Biology SL Seminar
322D00HW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration:1 year
Prerequisite(s): Biology-H and Chemistry-H
Description: This course provides an in-depth understanding of structure and function in cellular to global hierarchies and the universal features that exist in biologically diverse ecosystems. Includes extensive laboratory investigations. IB Internal and External Assessments required.

IB Biology SL
322A12IW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): Biology-H and Chemistry-H
Description: This course provides an in-depth understanding of structure and function in cellular to global hierarchies and the universal features that exist in biologically diverse ecosystems. Includes extensive laboratory investigations. IB Internal and External Assessments required. IB Examination in May.

IB Biology HL-1
322B01IW
Credit(s): 1 unit
Level: Higher
Grade Level: 11
Duration: 2 years (first of the two-year sequence)
Prerequisite(s): Biology-H and Chemistry-H
Description: This course provides an in-depth understanding of structure and function in cellular to global hierarchies and the universal features that exist in biologically diverse ecosystems. Includes extensive laboratory investigations. Topics are studied with greater breadth and depth than in IB Biology SL. IB Internal and External Assessments required.

IB Biology HL-2
322C02IW
Credit(s): 1 unit
Level: Higher
Grade Level: 12
Duration: 2 years (second of the two-year sequence)
Prerequisite(s): IB Biology HL-1
Description: This course provides an in-depth understanding of structure and function in cellular to global hierarchies and the universal features that exist in biologically diverse ecosystems. Includes extensive laboratory investigations. Topics are studied with greater breadth and depth than in IB Biology SL. IB Internal and External Assessments required. IB Examination in May.

IB Chemistry SL Seminar
323D00HW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): Biology-H and Chemistry-H
Description: Topics covered are quantitative chemistry, atomic structure, periodicity, bonding, energetic, kinetics, equilibrium, acids/ bases, oxidation/reduction, organic chemistry and measurement/data processing. Two additional options will be included. Includes extensive laboratory investigations. IB Internal and External Assessments required.

IB Chemistry SL
323A12IW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): Biology-H and Chemistry-H
Description: Topics covered are quantitative chemistry, atomic structure, periodicity, bonding, energetic, kinetics, equilibrium, acids/ bases, oxidation/reduction, organic chemistry and measurement/data processing. Two additional options will be included. Includes extensive laboratory investigations. IB Internal and External Assessments required. IB Examination in May.

IB Chemistry HL-1
323B01IW
Credit(s): 1 unit
Level: Higher
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): Biology-H and Chemistry-H
Description: Topics covered are quantitative chemistry, atomic structure, periodicity, bonding, energetic, kinetics, equilibrium, acids/ bases, oxidation/reduction, organic chemistry and measurement/data processing. Two additional options will be included. Includes extensive laboratory investigations. IB Internal and External Assessments required.

IB Chemistry HL-2
323C02IW
Credit(s): 1 unit
Level: Higher
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): Chemistry HL I
Description: Topics covered are quantitative chemistry, atomic structure, periodicity, bonding, energetic, kinetics, equilibrium, acids/ bases, oxidation/reduction, organic chemistry and measurement/data processing. Two additional options will be included. Includes extensive

laboratory investigations. IB Internal and External Assessments required. IB Examination in May.

IB Design Technology SL Seminar
472D00HW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): IB Candidate
Description: Diploma Programme Design Technology aims to develop internationally minded people whose enhanced understanding of the technological world can facilitate our shared guardianship of the planet and create a better world. Diploma Programme design technology achieves a high level of technological literacy by enabling students to develop critical-thinking and design skills, which they can apply in a practical context. While designing may take various forms, it will involve the selective application of knowledge within an ethical framework. It will focus on the design, development, analysis, synthesis and evaluation of problems, and their solution through practical activities. The creative tension between theory and practice is what characterizes design technology within the Diploma Programme experimental sciences. IB Internal and External Assessments required.

IB Design Technology SL
472A00IW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): IB Design Technology SL Seminar
Description: Diploma Programme Design Technology aims to develop internationally minded people whose enhanced understanding of the technological world can facilitate our shared guardianship of the planet and create a better world. Diploma Programme design technology achieves a high level of technological literacy by enabling students to develop critical-thinking and design skills, which they can apply in a practical context. While designing may take various forms, it will involve the selective application of knowledge within an ethical framework. It will focus on the design, development, analysis, synthesis and evaluation of problems, and their solution through practical activities. The creative tension between theory and practice is what characterizes design technology within the Diploma Programme experimental sciences. IB Internal and External Assessments required. IB Examination in May.

IB Design Technology HL-1
472B01IW
Credit(s): 1 unit
Level: Higher
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): IB Candidate
Description: Diploma Programme Design Technology aims to develop internationally minded people whose enhanced understanding of the technological world can facilitate our shared guardianship of the planet and create a better world. Diploma Programme design technology achieves a high level of technological literacy by enabling students to develop critical-thinking and design skills, which they can apply in a practical context. While designing may take various forms, it will involve the selective application of knowledge within an ethical framework. It will focus on the design, development, analysis, synthesis and evaluation of problems, and their solution through practical activities. The creative tension between theory and practice is what characterizes design technology within the Diploma Programme experimental sciences. IB Internal and External Assessments required.

IB Design Technology HL-2
472C02IW
Credit(s): 1 unit
Level: Higher
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): IB Design Technology HL I
Description: Diploma Programme Design Technology aims to develop internationally minded people whose enhanced understanding of the technological world can facilitate our shared guardianship of the planet and create a better world. Diploma Programme design technology achieves a high level of technological literacy by enabling students to develop critical-thinking and design skills, which they can apply in a practical context. While designing may take various forms, it will involve the selective application of knowledge within an ethical framework. It will focus on the design, development, analysis, synthesis and evaluation of problems, and their solution through practical activities. The creative tension between theory and practice is what characterizes design technology within the Diploma Programme experimental sciences. IB Internal and External Assessments required. IB Examination in May.

IB Physics SL Seminar
324D00HW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): Pre-calculus
Description: The curriculum is designed for breadth, depth, and rigor, putting emphasis on problem solving through familiarity with physics theory and practical application in the lab. Topics included in this class

include physical measurement, mechanics, thermal physics, waves, electricity, circuits, magnets, atomic/nuclear physics, and energy/ power and climate change. Two additional options will be included. Includes extensive laboratory investigations. IB Internal and External Assessments required.

IB Physics SL
324A12 IW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): IB Physics SL Seminar
Description: The curriculum is designed for breadth, depth, and rigor, putting emphasis on problem solving through familiarity with physics theory and practical application in the lab. Topics included in this class include physical measurement, mechanics, thermal physics, waves, electricity, circuits, magnets, atomic/nuclear physics, and energy/ power and climate change. Two additional options will be included. Includes extensive laboratory investigations. IB Internal and External Assessments required. IB Examination in May.

IB Physics HL-1
324B01IW
Credit(s): 1 unit
Level: Higher
Grade Level:
Duration: 1 year
Prerequisite(s): Calculus AB
Description: The curriculum is designed for breadth, depth, and rigor, putting emphasis on problem solving through familiarity with physics theory and practical application in the lab. Topics included in this class include physical measurement, mechanics, thermal physics, waves, electricity, circuits, magnets, atomic/nuclear physics, and energy/ power and climate change. Two additional options will be included. Includes extensive laboratory investigations. IB Internal and External Assessments are required.

IB Physics HL-2
324C02IW
Credit(s): 1 unit
Level: Higher
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): IB Physics HL-1
Description: The curriculum is designed for breadth, depth, and rigor, putting emphasis on problem solving through familiarity with physics theory and practical application in the lab. Topics included in this class include physical measurement, mechanics, thermal physics, waves, electricity, circuits, magnets, atomic/nuclear physics, and energy/ power and climate change. Two additional options will be included. Includes extensive laboratory investigations. IB Internal and External Assessments required. IB Examination in May.

Group 5: Mathematics

IB Mathematical Studies SL Seminar
311G00HW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year, 1st of two-year sequence
Prerequisite(s): Algebra I, Geometry-H and Algebra II-H
Description: This course has an emphasis on applications of mathematics, and the largest section is on statistical techniques. It is designed for students with varied mathematical backgrounds and abilities. It prepares students to be able to solve problems if a variety of settings, to develop more sophisticated mathematical reasoning and to enhance their critical thinking. The individual project is an extended piece of work based on personal research involving collection, analysis and evaluation of data. Students taking this course are well prepared for a career in social sciences, humanities, languages or arts. IB Internal and External Assessments required.

IB Mathematical Studies SL
311B12IW
Credit(s): 1 unit
Level: Standard
Grade Level: 12
Duration: 1 year, second of a two-year sequence
Prerequisite(s): IB Mathematical Studies Seminar
Description: This course has an emphasis on applications of mathematics, and the largest section is on statistical techniques. It is designed for students with varied mathematical backgrounds and abilities. It prepares students to be able to solve problems if a variety of settings, to develop more sophisticated mathematical reasoning and to enhance their critical thinking. The individual project is an extended piece of work based on personal research involving collection, analysis and evaluation of data. Students taking this course are well prepared for a career in social sciences, humanities, languages or arts. IB Internal and External Assessments required. IB Examination in May. *The 2019-2020 school year is the last year this course will be taught.*

IB Mathematics SL Seminar
311100HW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year, first of a two-year sequence
Prerequisite(s): Geometry-H, Algebra II-H, Pre-calculus and/or MEGSSS Data Analysis
Description: This course caters to students who already possess knowledge of basic mathematical concepts, and who are equipped with the skills needed to apply simple mathematical techniques correctly. The majority of these students will expect to need a sound mathematical background as they prepare for future studies in subjects

such as chemistry, economics, psychology and business administration. Topics include algebra, functions/equations, circular functions/trigonometry, matrices, vectors, statistics/probability and calculus. IB Internal and External Assessments required.

IB Mathematics SL
311F12IW
Credit(s): 1 unit
Level: Standard
Grade Level: 12
Duration: 1 year, second of a two-year sequence
Prerequisite(s): IB Mathematics Seminar
Description: This course caters to students who already possess knowledge of basic mathematical concepts, and who are equipped with the skills needed to apply simple mathematical techniques correctly. The majority of these students will expect to need a sound mathematical background as they prepare for future studies in subjects such as chemistry, economics, psychology and business administration. Topics include algebra, functions/equations, circular functions/trigonometry, matrices, vectors, statistics/probability and calculus. Internal Assessment: (20%) Internal assessment is an individual exploration. This is a piece of written work that involves investigation and is assessed in the following areas: communication, mathematical presentation, personal engagement, reflection and use of mathematics. IB Internal and External Assessments required. IB Examination in May. *The 2020-2021 school year is the last year this course will be taught.*

IB Mathematics HL-1
311D01IW
Credit(s): 1 unit
Level: Higher
Grade Level: 11
Duration: Two years, first of a two-year sequence
Prerequisite(s): Pre-calculus- H and MEGSSS Data Analysis
Description: This course caters to students with a good background in mathematics. The majority of these students will be expecting to include mathematics as a major component of their university studies. Topics include: algebra, functions/equations, circular functions/trigonometry, vectors, statistics/probability and calculus. One option is chosen from: statistics /probability, sets/relations/groups, calculus or discrete mathematics. IB Internal and External Assessments required. IB Examination in May.

IB Mathematics HL-2
311E02IW
Credit(s): 1 unit
Level: Higher
Grade Level: 12
Duration: 1 year, second a two-year sequence
Prerequisite(s): IB Mathematics HL-1
Description: This course caters to students with a good background in mathematics. The majority of these students will be expecting to include mathematics as a major component of their university studies. Topics include: algebra, functions/equations, circular functions/trigonometry, matrices, vectors, statistics/probability and calculus. One option is chosen from: statistics/probability, sets/relations/groups, calculus or discrete mathematics. IB Internal and External Assessments required. IB Examination in May. *The 2020-2021 school year is the last year this course will be taught.*

IB Math Analysis & Approaches HL-1
312E00IW
Credit(s): 1 unit
Level: Higher
Grade Level: 11
Duration: 1 year, first of a two-year sequence
Prerequisite(s): Pre-Calculus H & Calculus H
Description: This course is designed for students with a strong background in advance mathematics as well as a desire to study mathematics, engineering, physical sciences, or economics at the university level. Over the two year course, students will study real and abstract problem solving with an emphasis on functions, statistics and probability, trigonometry, and calculus. IB Internal and External Assessments required. IB testing will be administered in May of year two of the course. *The 2019-2020 school year is the first year this course is taught.*

IB Math Analysis and Approaches Seminar
312G00HW
Credit(s): 1 unit
Level: Standard
Grade Level: 11
Duration: 1 year, first of a two-year sequence
Prerequisite(s): Pre-Calculus H
Description: This course is designed for students with a successful background in mathematics who enjoy advanced study. Over the two year course, students will study real and abstract problem solving with an emphasis on functions, statistics and probability, trigonometry, and calculus. While the concepts studied in this standard level course are the same as in the higher level course, students will receive a reduced emphasis on calculus and trigonometry functions. IB Internal and External Assessments required. IB testing will be administered in May of year two of the course. *The 2019-2020 school year is the first year this Honors-level IB course is taught.*

IB Math Applications and Interpretations Seminar
312C00HW
Credit(s): 1 unit
Level: Standard
Grade Level: 11
Duration: 1 year, first of a two-year sequence
Prerequisite(s): Algebra 2 Honors
Description: This course is designed with an emphasis on applying mathematical skills in the real world. The course is designed for students interested in studying social sciences, natural sciences, statistics, business,

engineering, some economics, psychology, and design. Over the two-year course, students will develop strong skills in applying mathematics to the real-world as well as real mathematical problem solving using technology. The course contains a heavy emphasis on probability and statistics as well as the study of algebra, functions, trigonometry, and calculus. IB Internal and External Assessments required. IB Examination in May. *The 2019-2020 school year is the first year this Honors-level IB course is taught.*

GROUP 6: ARTS

IB Dance HL
450B00IW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): None
Description: IB Dance takes a holistic approach to dance and embraces a variety of dance traditions and dance cultures-past, present and future. Students will develop skills through analysis, creation, composition, and collaborative work. The course facilitates the development of students who may become choreographers, dance scholars, performers or those, more broadly, who seek life enrichment through dance. In addition, the course enables students to understand dance as a set of practices with their own histories and theories, and to understand that these practices integrate physical, intellectual and emotional knowledge. International Baccalaureate assessment for this course includes two externally assessed components, the composition and analysis and the dance investigation, as well as an internal assessment.

IB Dance SL Seminar
450C00HW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): None
Description: This course is constructed so that all students are given opportunities to study a variety of world dance traditions through exposure to physical practice and observation as well as written investigation. The curriculum draws on a wide range of dance cultures that reflect varied histories, practices and aesthetics. IB Internal and External Assessments required.

IB Dance SL
450A12IW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): IB Dance Seminar SL
Description: This course is constructed so that all students are given opportunities to study a variety of world dance traditions through exposure to physical practice and observation as well as written investigation. The curriculum draws on a wide range of dance cultures that reflect varied histories, practices and aesthetics. IB Internal and External Assessments required. IB Examination in May.

IB Film SL Seminar
453D00HW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): None
Description: This course promotes an appreciation and understanding of film as a complex art form, an ability to formulate stories and ideas in film terms, the practical/technical skills of production, the critical evaluation of productions and knowledge of film-making traditions in more than one country. IB Internal and External Assessments required.

IB Film SL
453A12IW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): IB Film Seminar SL
Description: This course promotes an appreciation and understanding of film as a complex art form, an ability to formulate stories and ideas in film terms, the practical/technical skills of production, the critical evaluation of productions and knowledge of film-making traditions in more than one country. IB Internal and External Assessments required. IB Examination in May.

IB Music SL Seminar
356D00HW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): Previous musical training
Description: Students are encouraged to engage with music from different times, places and cultures, critically appraise music, use musical terminology, develop techniques for comparative analysis, develop investigative thinking skill, learn to perform, work both independently and collaboratively and to develop reflection techniques. IB Internal and External Assessments required.

IB Music SL
356A12IW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): IB Music Seminar
Description: Students are encouraged to engage with music from different times, places and cultures, critically appraise music, use musical terminology, develop techniques for comparative analysis, develop investigative thinking skill, learn to perform, work both independently and collaboratively and to develop reflection techniques. IB Internal and External Assessments required. IB Examination in May.

IB Theatre SL Seminar
452D00HW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): Previous theatre training
Description: This course is designed to encourage students to examine theatre in its diversity of forms around the world. This may be achieved through a critical study of the theory, history and culture of theatre. The theatre course emphasizes the importance of working individually and as a member of an ensemble. IB Internal and External Assessments required.

IB Theatre SL
452A12IW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): IB Theatre Seminar
Description: This course is designed to encourage students to examine theatre in its diversity of forms around the world. This may be achieved through a critical study of the theory, history and culture of theatre. The theatre course emphasizes the importance of working individually and as a member of an ensemble. IB Internal and External Assessments required. IB Examination in May.

IB Theatre HL-1
452B01IW
Credit(s): 1 unit
Level: Higher
Grade Level: 11
Duration: 2 years (1st in a two-year sequence)
Prerequisite(s): Previous theatre training
Description: This course is designed to encourage students to examine theatre in its diversity of forms around the world. This may be achieved through a critical study of the theory, history and culture of theatre. The theatre course emphasizes the importance of working individually and as a member of an ensemble. At the core of the theatre course lies a concern with clarity of understanding, critical thinking, reflective analysis, effective involvement and imaginative synthesis—all of which should be achieved through practical engagement in theatre. IB Internal and External Assessments required.

IB Theatre HL-2
452C02IW
Credit(s): 1 unit
Level: Higher
Grade Level: 12
Duration: 2 years (2nd in a two-year sequence)
Prerequisite(s): IB Theatre HL -1
Description: This course is designed to encourage students to examine theatre in its diversity of forms around the world. This may be achieved through a critical study of the theory, history and culture of theatre. The theatre course emphasizes the importance of working individually and as a member of an ensemble. At the core of the theatre course lies a concern with clarity of understanding, critical thinking, reflective analysis, effective involvement and imaginative synthesis—all of which should be achieved through practical engagement in theatre. IB Internal and External Assessments required. IB Examination in May.

IB Visual Arts SL Seminar
351E00HW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): Previous art training
Description: This course enables students to engage in both practical exploration and artistic production, and in independent contextual, visual and critical investigation. Two options are available. IB Internal and External Assessments required.

IB Visual Arts SL
351B12IW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): Previous art training
Description: This course enables students to engage in both practical exploration and artistic production, and in independent contextual, visual and critical investigation. Two options are available. IB Internal and External Assessments required. IB Examination in May.

IB Visual Arts HL-1
351C01IW
Credit(s): 1 unit
Level: Higher
Grade Level: 11
Duration: 2 years (1st in a two-year sequence)
Prerequisite(s): Previous art training preferred
Description: This course enables students to engage in both practical exploration and artistic production, and in

independent contextual, visual and critical investigation. Two options are available. HL students have more time to develop ideas and skills and to produce a larger body of work and of greater depth. IB Internal and External Assessments required.

IB Visual Arts HL-2
351D02IW
Credit(s): 1 unit
Level: Higher
Grade Level: 12
Duration: 2 years (2nd in a two-year sequence)
Prerequisite(s): IB Visual Arts HL-1
Description: This course enables students to engage in both practical exploration and artistic production, and in independent contextual, visual and critical investigation. Two options are available. HL students have more time to develop ideas and skills and to produce a larger body of work and of greater depth. IB Internal and External Assessments required.

Transdisciplinary Subjects

IB Environmental Systems SL Seminar
326B00HW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 2 years (first of a two-year sequence)
Prerequisite: None
Description: The study of the environment is essential to the IB student in order to understand and interact with predicted changes in the environmental systems. The course description includes analysis of such subjects as, data on dog whelks, density-dependent factors and heron population, comparison of fish and mussel farms, and energy flow and species numbers. Added also are the study of human population, atmospheric changes, measurements in field work, succession on Krakatoa, NPP and physical conditions in ecosystem, distribution of organism, and alternative energy sources. In addition to the above subjects, options for study of a biotic and biotic factors affecting distribution in an ecosystem, measurements of biomass, primary and secondary productivity, and species diversity index. IB Internal and External Assessments required.

IB Environmental Systems SL
326A12IW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 2 years (second of a two-year sequence)
Prerequisite: None
Description: The study of the environment is essential to the IB student in order to understand and interact with predicted changes in the environmental systems. The course description includes analysis of such subjects as, data on dog whelks, density-dependent factors and heron population, comparison of fish and mussel farms, and energy flow and species numbers. Added also are the study of human population, atmospheric changes, measurements in field work, succession on Krakatoa, NPP and physical conditions in ecosystem, distribution of organism, and alternative energy sources. In addition to the above subjects, options for study of a biotic and biotic factors affecting distribution in an ecosystem, measurements of biomass, primary and secondary productivity, and species diversity index. IB Internal and External Assessments required. IB Examination in May.

IB Computer Science SL Seminar
471D00HW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): IB Candidate
Description: Diploma Programme computer science students should become aware of how computer scientists work and communicate with each other and with other stakeholders in the successful development and implementation of IT solutions. While the methodology used to solve problems in computer science may take a wide variety of forms, the group 4 computer science course emphasizes the need for both a theoretical and practical approach. IB Internal and External Assessments required.

IB Computer Science SL
471A01IW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): IB Computer Science SL Seminar
Description: Diploma Programme computer science students should become aware of how computer scientists work and communicate with each other and with other stakeholders in the successful development and implementation of IT solutions. While the methodology used to solve problems in computer science may take a wide variety of forms, the group 4 computer science course emphasizes the need for both a theoretical and practical approach. IB Internal and External Assessments required. IB Examination in May.

IB Computer Science HL-1
471B02IW
Credit(s): 1 unit
Level: Higher
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): IB Candidate and Coordinator Approval
Description: Diploma Programme computer science students should become aware of how computer scientists work and communicate with each other and with other stakeholders in the successful development and implementation of IT solutions. While the methodology used to solve problems in computer science may take a wide variety of forms, the group 4

computer science course emphasizes the need for both a theoretical and practical approach. IB Internal and External Assessments required.

IB Computer Science HL-2
471C03IW
Credit(s): 1 unit
Level: Higher
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): IB Computer Science HL-I
Description: Diploma Programme computer science students should become aware of how computer scientists work and communicate with each other and with other stakeholders in the successful development and implementation of IT solutions. While the methodology used to solve problems in computer science may take a wide variety of forms, the group 4 computer science course emphasizes the need for both a theoretical and practical approach. IB Internal and External Assessments required. IB Examination in May.

IB Sports, Exercise and Health Science SL
322E00IW
Credit(s): 1 unit
Level: Standard
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): None
Description: The course incorporates the traditional disciplines of anatomy and physiology, biomechanics, psychology and nutrition, which are studied in the context of sport, exercise and health. Students will cover a range of core and option topics and carry out practical (experimental) investigations in both laboratory and field settings. This will provide an opportunity to acquire the knowledge and understanding necessary to apply scientific principles and critically analyze human performance. Where relevant, the course will address issues of international dimension and ethics by considering sport, exercise and health relative to the individual and in a global context. IB Internal and External Assessments required. IB Examination in May.

INTERNATIONAL BACCALAUREATE DIPLOMA PROGRAM ADDITIONAL REQUIREMENTS

IB Theory of Knowledge 1
373A00IH
Credit(s): ½ unit
Level: N/A
Grade Level: 11
Duration: 1 year (the first of a two-year sequence)
Prerequisite(s): Enrollment as an IB Diploma Candidate
Description: This course is designed to encourage each student to reflect on the nature of knowledge by critically examining different ways of knowing (perception, emotion, language and reason) and different kinds of knowledge (scientific, artistic, mathematical and historical). IB Internal and External Assessments required.

IB Theory of Knowledge 2
373B00IH
Credit(s): ½ unit
Level: N/A
Grade Level: 12
Duration: 1 year (the second of a two-year sequence)
Prerequisite(s): Theory of Knowledge-1, enrollment as an IB Diploma Candidate
Description: This course is designed to encourage each student to reflect on the nature of knowledge by critically examining different ways of knowing (perception, emotion, language and reason) and different kinds of knowledge (scientific, artistic, mathematical and historical). IB Internal and External Assessments required.

IB Extended Essay
373C00HH
Credit(s): ½ unit
Level: N/A
Grade Level: 12
Duration: 1 year
Prerequisite(s): Enrollment as an IB Diploma Candidate
Description: The Extended Essay requires that a student engage in independent research. Internal Assessment: Meeting the deadlines of Extended Essay and CAS is the high priority in this course. Scheduled meetings with EE/CAS Supervisors are required. IB Internal and External Assessments required.

IB Creativity, Action, Service
373D00HH
Credit(s): ½ unit
Level: N/A
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): Enrollment as an IB Diploma or IBCC Candidate
Description: Creativity, Action, and Service requires that students actively learn from the experiences beyond the classroom. Activities should be selected as they relate to eight learner outcomes and represent approximately 150 hours of interaction.
Internal Assessment: Meeting the deadlines CAS is the high priority in this course. Scheduled meetings with CAS Supervisors are required. CAS activities target eight learner outcomes. IB Internal and External Assessments required.

IB CAREER CERTIFICATE ADDITIONAL COURSES

IB Personal and Professional Skills (Lower Richland)
373E00HH
Credit(s): ½ unit
Level: N/A
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): Students must be IB Career Certificate candidates to enroll in this course
Description: The personal and professional skills course (PPS) is a compulsory component of the Career-related Programme (CP) core. Personal and professional skills is designed for students to develop attitudes, skills and strategies to be applied to personal and professional situations and contexts now and in the future. In this course, the emphasis is on skills development for the workplace, as these are transferable and can be applied in a range of situations.

IB Reflective Project (Lower Richland)
373F00HH
Credit(s): ½ unit
Level: N/A
Grade Level: 11 – 12
Duration: 1 year
Prerequisite(s): Students must be IB Career Certificate candidates to enroll in this course
Description: The reflective project is one of the four compulsory components of the IB Career-related Programme (CP) core. The reflective project is an in-depth body of work produced over an extended period of time and submitted towards the end of the CP. The reflective project focuses on an ethical dilemma of an issue directly linked to the student's career-related study. It is the product of the students' own initiative and should reflect their personal experience of the CP. The reflective project is intended to promote high-level research, writing and extended communication skills, intellectual discovery and creativity through a variety of different approaches.

LBA SUPPLEMENTAL COURSES FOR IB

French Composition and Conversation
369900CW
(Only offered at IB Schools)
Grades: 9 – 12
1 unit
Prerequisites: French 2
Students planning to participate of the IB diploma courses are encouraged to take this course. French Composition and Conversation is designed to offer students who have completed at least two units of French in middle school an opportunity to enhance their language proficiency before starting the IB courses. Through this course, students will improve their conversation skills and their written expression. As suggested within the South Carolina Foreign Language Framework, the instructor will use communication-based strategies. The instructor will also use a variety of print and non-print authentic materials to engage students in activities designed to enhance their communication skills in settings that simulate, as much as possible, real-life situations. (LBA)

Spanish Composition and Conversation
369907CW
(Only offered at IB Schools)
Grades: 9 – 12
1 unit
Prerequisites: Spanish 2
Students planning to participate of the IB diploma courses are encouraged to take this course. Spanish Composition and Conversation is designed to offer students who have completed at least two units of Spanish in middle school an opportunity to enhance their language proficiency before starting the IB courses. Through this course, students will improve their conversation skills and their written expression. As suggested within the South Carolina Foreign Language Framework, the instructor will use communication-based strategies. The instructor will also use a variety of print and non-print authentic materials to engage students in activities designed to enhance their communication skills in settings that simulate, as much as possible, real-life situations. (LBA)

The South Carolina Governor's School for Science and Mathematics

2018-2019 Accelerate Program:

South Carolina's Engineering Launch Pad

Keenan High School

About GSSM

The mission of the South Carolina Governor's School for Science and Mathematics (GSSM) is to offer South Carolina's most academically motivated students a unique learning environment that strengthens their ability to think critically, stimulates the joy of learning, and fosters the excitement of discovery through hands-on scientific research.

The purpose of GSSM is to have a positive impact on South Carolina's economic development through the State's future political and business leaders.

About GSSM Accelerate

To reach high school students beyond those in the residential program, the South Carolina Governor's School of Science and Mathematics Accelerate program offers a live, virtual engineering education to students throughout the state. Keenan High School, in Richland One, is one of the GSSM Accelerate sites.

Educating talented students since 1988, GSSM tailors its Accelerate curriculum to students who receive an integrated set of courses that deliver superior science, engineering and math instruction, along with valuable skills in critical analysis and professional communication taught in a series of English courses. Accelerate provides students opportunities for collaboration, social engagement, as well as research and design, that hinge on the program's model of integration of knowledge across multiple disciplines.

Program Details

All students enrolling in a GSSM Accelerate course must have been accepted into the GSSM Accelerate Engineering program and be currently in good academic standing. Students in the program must take all of the required Accelerate courses for their grade level, and maintain academic excellence throughout the program.

In addition to the IVC courses taken during the academic year, students in GSSM Accelerate also participate in a number of summer and weekend activities as part of the program. Each summer, students will attend a mandatory one-week residential camp. Their attendance is also required at several Saturday events during each school year. These include, but are not limited to, engineering and science labs on the Hartsville campus, visits to engineering companies around the state, and visits to university engineering departments.

Technology

GSSM Accelerate students attend class, participate in discussions, work on group projects, and get after-class help through GSSM's innovative, statewide, high- definition video conferencing network, which provides a top-quality video and sound experience for teachers and students, whether they are using room-size video facilities, computers, tablets, or phones. Each lecture and seminar is recorded and streamed simultaneously. Students who are unable to be in class can watch the live simulcast on their computer, tablet or phone.

Students also use GSSM's Global Application Infrastructure Network (GAIN) to access modeling and design tools like MATLAB and SolidWorks while at school or at home. GAIN allows students to collaborate and complete assignments from nearly any Internet-connected computer or tablet in the world. Files are stored in the cloud and student work is safe from loss due to power outages or computer failures. GSSM uses VMWare to create virtual desktops that Accelerate students can use securely in class, at home, and on nearly any Internet-connected device. VMWare forms the core of GAIN and in addition to providing access to modeling and design tools, it provides access to MS Office as well as instantly available cloud storage.

The Facilitator

Key to the success of the virtual classroom experience is the facilitator. The facilitator is an adult at the school site who works with the students and the GSSM Accelerate instructor to ensure a positive learning environment.

Expectations for facilitators include:

- Maintaining a safe, productive environment for students in the Accelerate virtual classroom.
- Performing certain classroom management functions

- Administering and proctoring tests and quizzes designed by GSSM Accelerate instructors.
- Troubleshooting minor technical issues, such as muted volume, unplugged cables, or pointing and zooming the camera.
- Communicating with the GSSM Accelerate instructors about school closures, schedule changes, or classroom issues that affect student learning.
- Receiving assignment and graded work from GSSM Accelerate instructors.
- Communicating with parents, school counselors, and school administration

The facilitator is not required to be a subject-area teacher, though many schools have subject-area teachers participate as facilitator.

Dual Enrollment Courses
All GSSM Accelerate courses are offered for high school credit, and are Honors or Dual Enrollment, as noted in the course descriptions. Dual enrollment courses allow for both high school and college credit. Credits are contingent upon satisfactory completion of all course requirements.

Courses offered for both college and high school credit will be certified via a master dual enrollment agreement between Coker College and GSSM. Students are enrolled in Coker College as “special students”. College credits are awarded as noted, provided students meet all requirements of both GSSM Accelerate and the appropriate partner college/university. No college credit shall be awarded for grades below C.

Completion of the GSSM Accelerate program does not guarantee admission into any partner college/university. Students must apply to, and be accepted by, the university and department in which they wish to enroll. Admission of the student and the granting of these credits are solely the province of the college/university partner.

GSSM Accelerate Curriculum Overview

	10 FALL	10 SPRING	11 FALL	11 SPRING	12 FALL	12 SPRING
MATH	Honors Pre-Calculus for Engineers		MATH 222 Calculus I		MATH 223 Calculus II	
SCIENCE	Chemistry I*	Chemistry I*	CHE 101 and CHE 101L General Chemistry I and Lab	CHE 102 and CHE 102L General Chemistry II and Lab	PHY 203 and PHY 203L Calculus Physics I and Lab	PHY 204 and PHY 204L Calculus Physics II and Lab
ENGINEERING	Honors Pre-Engineering I	Honors Pre-Engineering II	EGR 102 Engineering Disciplines & Skills	EGR 141 MATLAB Programming	EGR 115 Engineering Design and Modeling	Honors Senior Project
ENGLISH/ LANG ARTS	English II*	English II*	ENG 101 English Composition and Rhetoric I	ENG 102 English Composition and Rhetoric II	ENG 215D Writing in STEM	ENG 220 Truth and Consequence
ELECTIVES (optional)	CS 110 Computer Science I (Fall)		Honors Biomedical Engineering (Spring)			
			Honors Mechanical and Aerospace Engineering (Spring)			

BLUE indicates honors courses

GREEN indicates dual enrollment courses

Courses in Black are offered by and weighted by the local high school.

*To be taken at the home school during the sophomore year

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

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

- Biology I
- Chemistry I
- Geometry
- English II

Standard High School Graduation Requirements

Standard Credit Units (1 year = 1 credit)

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

GSSM Accelerate Course Offerings

Keenan High School Only

Engineering

Pre-Engineering 1 (Honors) (KHS)
xxxxxxHH (TBD)
0.5 HS Credit (units)
Fall
Prerequisite: Algebra 2
Pre-Engineering 1 offers students an introduction to engineering, discussing careers and highlighting South Carolina-based industries. Introduces professional, ethical, and societal issues appropriate to engineering. Various forms of technical communication are emphasized. This course is integrated with Pre-calculus.

Pre-Engineering 2 (Honors) (KHS)
xxxxxxHH (TBD)
0.5 HS Credit (units)
Spring
Prerequisite: Pre-Engineering 1
Provides a solid foundation of skills to solve engineering problems. Students demonstrate problem-solving techniques with units and dimensions, use modeling techniques and interpret validity of experimental results, learning "thinking like an engineer". The course is integrated with Pre-calculus.

EGR 102 Engineering Disciplines and Skills (Dual Enrollment) (KHS)
660400EW
1.0 HS Credit (units); College credit: 3SH
Fall
Prerequisite: Grade of C or better in Honors Pre-Engineering 2
Provides solid foundation of skills to solve engineering problems. Students demonstrate problem solving techniques with spreadsheets, dimensions and units; use modeling techniques and interpret validity of experimental results. Students design projects on multi-discipline teams. Introduces professional and societal issues appropriate to engineering. Various forms of technical communication are emphasized. (Coker)

EGR 115 Engineering Design and Modeling (Dual Enrollment) (KHS)
805400EW
1.0 HS Credit (units); College credit: 3SH
Fall
Prerequisite: Grade of C or better in EGR 141
This course is an introduction to engineering graphics and machine design. Students use hand sketching and CAD tools to visualize, communicate, rapid prototype, and analyze engineering problems. SOLIDWORKS software is used. (Coker)

EGR 141 Programming and Problem Solving (Dual Enrollment) (KHS)
805300EW
1.0 HS Credit (units); College credit: 3SH
Spring
Prerequisite: Grade of C or better in EGR 102
Students formulate and solve engineering problems using MATLAB; estimate answers for comparison to computed solutions; read, interpret and write programs, instructions and output; iterate, evaluate conditional statements; and debug. Various forms of technical communication are emphasized. (Coker)

Senior Engineering Projects (Honors) (KHS)
805900HH
0.5 HS Credit (units)
Spring
Prerequisite: Grade of C or better in EGR 115 or permission of VP for Accelerate
The Senior Project course is an engineering capstone course designed for students to work through the engineering design process by selecting, researching and developing a new product or process. The product can be either an invention or innovation and the design process should include the development of a prototype. The process should include new methodology of a technical nature. Students continue applying skills taught and used in EGR 115.

English

ENG 101 English Composition and Rhetoric I (Dual Enrollment) (KHS)
301500EW
1.0 HS Credit (units); College credit: 3SH
Fall
Prerequisite: None
English 101 is the first half of the required two-course sequence in composition for first-year students. This course introduces students to the modes of writing, with an emphasis on exposition and argumentation. The course also reviews basic processes of composing, inventing, planning, drafting, and revising. Students will learn how to develop ideas in a clear and logical manner, communicate their ideas coherently to their intended audience, and write in a correct and effective way. In addition to writing several in-class essays and short papers, students will learn the techniques and conventions of academic research. They will participate in at least one session on library and information technology. Fiction and nonfiction readings will provide discussion material and starting points for their writing. (Coker)

ENG 102 English Composition and Rhetoric II (Dual Enrollment) (KHS)
301600EW
1.0 HS Credit (units); College credit: 3SH
Spring
Prerequisite: ENG 101
English 102 is the second half of the required two-course sequence in composition for first year students. This course advances students' critical reading and writing skills by exploring how writing creates knowledge and shapes meaning; therefore, student writing will involve both print and digital formats. Throughout the semester students will define terms, conduct research, evaluate and synthesize evidence in order to create clearly written, sustained arguments. Readings for each section of ENG 102 will explore a specific and unifying theme or question, and may include readings in fiction and non-fiction. (Coker)

ENG 215D Writing in STEM (Dual Enrollment) (KHS)
403500EW
1.0 HS Credit (units); College credit: 3SH
Fall
Prerequisites: ENG 102 and completion of or concurrently enrolled in a science course
In this course, students will investigate the circumstances and genres in which STEM professionals write. The course combines readings from scientific, engineering, and mathematics disciplines geared toward general audiences. Such readings will serve as the basis of writing and addressing specific audiences in the disciplines. Students should have completed at least one science course before taking the course or be co-registered for a science course. (Coker)

ENG 220 Truth and Consequence (Dual Enrollment) (KHS)
403600EW
1.0 HS Credit (units); College credit: 3SH
Spring
Prerequisite: ENG 102
Literature explores the great moral and ethical questions and this course combines historical and contemporary readings to examine the importance of this inquiry. Students will read works of fiction and non-fiction to explore the ways cultures at particular moments in time have determined what is right, good and appropriate. Moreover, students will explore how writers have addressed the ways individuals and groups have resisted or revered cultural constructions of stigmatized, demonized or vilified behaviors in various contexts and situations. (Coker)

Mathematics

Pre-Calculus (Honors)
413100HW
1.0 HS Credit (units)
Fall/Spring
Prerequisites: Algebra II or PI
This course provides students with foundational knowledge in preparation for the study of calculus. Emphasis will be placed on engineering problem solving. Topics include polynomial and rational functions, quadratic functions and models, polynomial functions and their graphs, exponential and logarithmic functions and trigonometric and inverse trigonometric functions.

MAT 222 Calculus I (Dual Enrollment) (KHS)
413600EW
1.0 HS Credit (units); College credit: 4SH
Fall/Spring
Prerequisites: Honors Pre-Calculus
The topics in this course include limits and continuity, the derivative, differentiation of algebraic and trigonometric functions, applications of derivatives, Fundamental Theorem of Calculus.

MAT 223 Calculus II (Dual Enrollment) (KHS)
413700EW
1.0 HS Credit (units); College credit: 4SH
Fall/Spring
Prerequisites: Calculus I
The topics in this course include transcendental functions, applications of integration, integration techniques, indeterminate forms, improper integrals, parametric equations, polar coordinates, and infinite series. (Coker)

Science

CHE 101 and 101L General Chemistry I and Lab (Dual Enrollment) (KHS)
323900EW
1.0 HS Credit (units); College credit: 4SH
Fall
Prerequisite: Introduction to Chemistry or PI
A course in basic chemical principles. Topics include: periodicity, stoichiometry, chemical and nuclear reaction types, coordination chemistry, atomic and molecular nomenclature, structure, and properties. CHE 101L General Chemistry Laboratory accompanies CHE 101 and carries 1 credit; it is designed to develop laboratory and mathematical skills through experiments that illustrate chemical concepts. Mandatory labs are scheduled on some Saturdays each semester. (Coker)

CHE 102 and 102L General Chemistry II and Lab (Dual Enrollment) (KHS)
324000EW
1.0 HS Credit (units); College credit: 4SH
Spring
Prerequisite: CHE 101
An introduction to the principles of chemical kinetics and thermodynamics and their application to chemical reactions, with an emphasis on solution chemistry. CHE 102L General Chemistry Laboratory accompanies CHE 102 and carries 1 credit. It is a continuation of CHE 101L, focused on the development of quantitative and analytical laboratory skills Mandatory labs are scheduled on some Saturdays each semester. (Coker)

PHY 203 and 203L Calculus Physics I and Lab (Dual Enrollment) (KHS)
324900EW
1.0 HS Credit (units); College credit: 4SH
Fall
Prerequisites: MAT 222 (Calculus I)
A calculus-based course covering classical mechanics and dynamics. Topics include vector notation, kinematics, statics, dynamics, circular motion, work and energy, linear momentum, and rotational motion. PHY 203L Calculus Physics Laboratory accompanies PHY 203 and carries 1 credit. Experiments designed to illustrate the principles of physics covered in PHY 203. Mandatory labs are scheduled on some Saturdays each semester. (Coker)

PHY 204 and 204L Calculus Physics I and Lab (Dual Enrollment) (KHS)
325000EW
1.0 HS Credit (units); College credit: 4SH
Spring
Prerequisites: PHY 203
A calculus-based course covering fluids, vibrations, waves, sound, electricity, magnetism, light, and optics. PHY 204L Calculus Physics Laboratory II accompanies PHY 204 and carries 1 credit. It includes experiments designed to illustrate the principles of physics covered in PHY204. Mandatory labs are scheduled on some Saturdays each semester. (Coker)

Online Elective Courses

These courses will be delivered in a blended format online course with a weekly interactive teacher led evening webinar. The classes will include a combination of design projects, problem sets, lectures, discussions, group work, labs, demonstrations, and activities.

Computer Science
CS 110 Computer Science I (Dual Enrollment) (KHS)
502600EW
1.0 HS Credit (units); College credit: 4SH
Fall
Prerequisite: Algebra II
An introduction to computer architecture, computer systems, number systems, logic circuits, and current software applications; fundamentals of computer programming and problem solving using C++ programming language applied to real world examples; basics of program- writing environment, simple data types, expressions, control structures, iteration, functions, arrays, and introduction to object-oriented programming. CS 110 includes a one semester hour laboratory course, with two laboratory hours per week. (Coker)

CAREER AND TECHNICAL EDUCATION (HIGH SCHOOL PROGRAMS ONLY)

GENERAL ELECTIVES

Below are the district-wide Career and Technology Education (CATE) course offerings for school-based programs.

AGRICULTURE, FOOD, AND NATURAL RESOURCE

Agricultural Education is a program for high school and middle school students interested in pursuing careers in natural resources, environmental and agricultural careers.

Agricultural Mechanics and Technology 1 (Keenan)
566000CW
Grades: 10 – 11
1 Unit
Prerequisites: None
The Agriculture Mechanics and Technology 1 course is designed as an introductory course to the Agriculture Mechanics Career Pathway. In addition it provides development of general mechanical skills which are required in all areas of Agricultural Education. Typical instructional activities include hands-on experiences in woodworking, metal working, welding, small engine repair, basic farm and homestead improvements, participating in personal and community leadership development activities, planning and implementing a relevant school-to-work transition experience, and participating in FFA activities. This course is a component of the following Agriculture, Food and Natural Resources Pathways:
• Agricultural Mechanics and Technology
• Environmental and Natural Resources Management
• Horticulture
• Plant and Animal Systems

Agricultural Science and Technology (Keenan)
562400CW
Grades 9-12
1 unit
Prerequisite: None
This course is a foundation course designed to teach essential concepts and understanding related to plant and animal life including biotechnology, the conversation of natural resources, and the impact of agricultural and natural resource utilization on the environment. Emphasis is placed on the role of agriculture in our society and the importance of agriculture to the welfare of the world. Basic personal and community leadership and safety, and agricultural mechanical technology are included as a part of the instructional program. Each student is expected to design and participate in a supervised agricultural experience.

Agricultural Power Mechanics (Keenan)
561000CW
Grades 11-12
1 unit
Prerequisite: Previous Agricultural Course or Teacher Recommendation
This course is designed as an introductory course to the Agricultural Mechanics Career Pathway. In addition, it provides development of general mechanical skills which are required in all areas of Agricultural Education. Typical instructional activities include hands- on experiences in woodworking, metal working, welding, small engine repair, basic farm and homestead improvements, and participating in FFA activities.

Animal Science for the Workplace 1 (Keenan)
560800CW
Grades 11
1 unit
Prerequisite: Overall GPA of 2.0 or better, Completion of Agricultural Science and Technology with a "C" or better, Instructor Recommendation
Animal Science for the Workplace I – Animal Production is designed to teach technical knowledge and skills for entry-level positions in an animal production enterprise by developing competencies concerning the selection, breeding, physiology, nutrition, health, housing, feeding, and marketing of farm and companion animals. Typical instructional activities include hands-on experiences with the principles and practices essential in the production and management of animals and animal products for economic, recreational, and therapeutic uses; participating in personal and community leadership development activities; planning and implementing a relevant school-to-work transition experience; and participating in FFA activities.

Animal Science for the Workplace 2 (Keenan)
560900CW
Grades 12
1 unit
Prerequisite: Animal Science for the Workplace 1
The Animal Science for the Workplace 2 course covers animal care and veterinary science and is designed to teach technical knowledge and skills for occupations in the pet industry or the companion animal industry. Skills also relate to the veterinarian or the veterinarian technician career field. Typical instructional activities include hands-on experiences with cats, dogs, rabbits, fish, etc. participating in personal and community leadership development activities; and planning a relevant school to work transition experience. All students must provide the instructor with verification of medical insurance coverage. All students may join the student organization Future Farmers of America.

Work Based Learning (Keenan)

5690 Agricultural, Food, and Natural Resources, work-based credit
This is a program which coordinates high school studies with a job in a field related to academic or technical education standards that provides "hands on learning" in areas of student interest with a participating business. A learning contract outlines the expectations of and responsibilities of both parties. The student works regularly during or after school in exchange for the mentor's time in teaching and demonstrating. The work-based experience may be paid or unpaid. (CCR)

569000CW	**120 Hours**	**1.0 Credit**

ARTS, A/V TECHNOLOGY, AND COMMUNICATIONS

Arts, AV Technology, and Communications skill standards address what a worker needs to know and be able to do and contribute to a safe, productive, and effective work environment.

Architectural Design 2 (AC Flora)
617100CD
Grades: 11-12
2 units
Prerequisites: Level 1 with a "C" or better and instructor recommendation
Senior level students will perform advanced command sets in the CAD program. The student will complete a full set of drawings in the specific field of choice (architectural or mechanical). Students will be allowed to produce a work portfolio to present to prospective employers and colleges. The students will have a broad knowledge of current office programs with specialization in computer design technology. (Will NOT count toward Computer Science graduation requirement beginning in 2019-2020.)

BUSINESS, MANAGEMENT, AND ADMINISTRATION

People with business skills are the ones that make the deals that build profitable companies that power the global economy.

Administrative Support Technology
512200CW
Grades: 10-12
1 unit
Prerequisite: None
This course is designed to provide an overview of the major responsibilities and tasks in an administrative support position. The objectives of the course are to enhance technology and communication skills; solve business-oriented problems; manage processes and procedures of organizations; and demonstrate effective supervisory, management, and human relations skills.

Business Law
504400CW
Grades: 10-12
1 unit
Prerequisite: None
This course is designed to provide the student with knowledge of the legal environment in which a consumer operates, to provide the student with knowledge of the legal environment in which a business operates, and to provide the student with knowledge of legal principles. All students are encouraged to join Future Business Leaders of America (FBLA).

Digital Publication Design
517600CW
Grades: 10-12
1 unit
Prerequisite: None
This course combines the business world with graphic design and allows students to use their creativity to produce business and personal publications. Students create, format, illustrate, design, edit/revise, and print publications including newsletters, flyers, brochures, reports, advertising materials, catalogs, posters, and other publications. Students who excel have the opportunity to earn nationally recognized Adobe certification. (Will NOT count toward Computer Science graduation requirement beginning in 2019-2020.)

Digital Technologies
518000CW
Grades: 9 – 12
1 unit
Prerequisite: None
This course introduces students to new and emerging technologies that are impacting the way we utilize information when accessing computers and other technology devices. Students will be introduced to speech recognition software, mobile application, and online collaboration tools. Tablets, iPads, and smart phones will be introduced as tools for personal and business applications. All students are encouraged to join Future Business Leaders of America (FBLA). (Will NOT count toward Computer Science graduation requirement beginning in 2019-2020.)

Entrepreneurship
540000CW
Grades: 9 – 12
1 unit
Prerequisite: None
This course is designed to provide students with the knowledge and skills needed to develop an effective business plan for small business ownership. An important part of the course will be the incorporation of economics, ethics, legal aspects, logistics, research, staffing, strategies for financing, and technology. All students are encouraged to join Future Business Leaders of America (FBLA).

Image Editing
534000CW
Grades: 10 – 12
1 unit
Prerequisite: None
Image editing tools are used by industry professional to edit and enhance most images presented in magazines, newspapers and other media. This course is designed to provide students with the knowledge and skills needed to master image manipulation and photographic retouching. Students will explore the technical and artistic aspects of image editing by creating images to be used in various types of media. Successful completion of this course will prepare the student for industry certification. (Will NOT count toward Computer Science graduation requirement beginning in 2019-2020.)

Integrated Business Applications 1
502000CW
Grades: 9 - 12
1 unit
Prerequisite: None
This course is designed to teach students software applications that are necessary to live and work in a technological society. The applications covered include word processing, database, spreadsheet, and presentation. Other content areas may include computer hardware, terminology, and concepts. All students are encouraged to join Future Business Leaders of America (FBLA). (Will NOT count toward Computer Science graduation requirement beginning in 2019-2020.)

Integrated Business Applications 2
502100CW
Grades: 10 – 12
1 unit
Prerequisite: Successful completion of Integrated Business Applications 1
This course of study is designed to teach the student advanced computer concepts as related to processing data into useful information needed in business situations by using advanced database, spreadsheet, word processing, and presentation software capabilities. Successful completion of this course will prepare the student for industry certification. (Will NOT count toward Computer Science graduation requirement beginning in 2019-2020.)

Virtual Enterprise 1
515000CW
Grades: 10-12
1 unit
Prerequisite: None
The Virtual Enterprise program allows students to experience, within a simulated business environment, all facets of being an employee/entrepreneur. Students run simulated businesses in their schools and engage in virtual trading with other virtual businesses. The program provides students with instruction and an in-school work experience to develop college and career ready skills. Opportunities to participate in organized competitions on local, state, and national levels are integral to the course. All students are encouraged to join Future Business Leaders of America (FBLA)..

Virtual Enterprise 2
515100CW
Grades: 10-12
1 unit
Prerequisite: Virtual Enterprise 1
The second course in the Virtual Enterprise program extends the students' experience within a simulated business environment. Students continue to run simulated businesses in their schools and engage in virtual trading with other virtual businesses. The program provides students with instruction and an in-school work experience to develop college and career ready skills. Opportunities to participate in organized competitions on local, state, and national levels are integral to the course.

Work Based Learning

5490 Business, Management, and Administration, work-based credit
This is a program which coordinates high school studies with a job in a field related to academic or technical education standards that provides "hands on learning" in the area of student interest with a participating business. A learning contract outlines the expectations of and responsibilities of both parties. The student works regularly during or after school in exchange for the mentor's time in teaching and demonstrating. The work-based experience may be paid or unpaid. (CCR)

549000CW	**120 Hours**	**1.0 Credit**

EDUCATION AND TRAINING

The Education and Training cluster includes courses and/or programs related to child development and strategies for educating young students.

Child Development 1 (Eau Claire, Keenan, Lower Richland)
580000CW
Grades: 10 – 12
1 unit
Prerequisite: None
In this course, instruction is given in the responsibilities of parenting; controlling family size; prenatal development and care; followed by a study of a child's emotional, mental, social and physical development up to age five. Observations of children and careers in the care of children will be emphasized. Guided observations and participation with young children and their parents will be incorporated. The knowledge, skills, attitudes, and understanding gained will prepare a student to assume a parental role and/or career involving the care and nurture of the young. Students are strongly encouraged to join the student organization Family, Career, and Community Leaders of America

(FCCLA). Eligible students may be nominated by their instructor to join the National Technical Honor Society.

Child Development 2 (Eau Claire, Keenan, Lower Richland)
580100CW
Grades: 10 – 12
1 unit
Prerequisite: Child Development 1 with a "C" or better and instructor recommendation
Child Development 2 is for the student who has a keen interest and/or immediate need for acquiring skill in the care of young children. The skills required in Child Development I should be mastered prior to instruction in Child Development II. This course prepares students for early childhood careers. Individualized instructional strategies will be used to encourage the creative application of theories and practices to promote physical, mental, emotional, and social development. All students in this course must provide the instructor with verification of medical insurance coverage. Students are strongly encouraged to join the student organization Family, Career, and Community Leaders of America (FCCLA). Eligible students may be nominated by their instructor to join the National Technical Honor Society.

Early Childhood Education 1
570000CW
Grades: 10 – 12
1 unit
Prerequisite: None
Early Childhood Education 1 is designed to provide students with hands-on opportunities to actively explore and observe the world of children and prepare them for educational and administrative careers in the field. This course provides an in-depth study of career paths, developmentally appropriate practices, curriculum development, safe and healthy learning environments, and collaborative relationships. Participation in student organizations, Educators Rising (former Future Educations Association) and/or Family, Career and Community Leaders of America (FCCLA) greatly enhance the learning experience.

Early Childhood Education 2
570100CW
Grades: 10 – 12
1 unit
Prerequisite: Early Childhood Education 1
Early Childhood Education 2 is an advanced course focusing on the competencies needed to plan, guide, and care for young children in a safe, healthy, and developmentally appropriate environment. Students can acquire certification in pediatric safety, CPR, and first aid. Students interact with professionals in the field and participate in various school-to-work activates. Student laboratory/field experiences may be school based or in the community and include job shadowing and internships. Students are strongly encouraged to join the student organization Family, Career, and Community Leaders of America (FCCLA). Eligible students may be nominated by their instructor to join the National Technical Honor Society.

Introduction to Early Childhood Education
570200CW
Grades: 10 – 12
1 unit
Prerequisite: None
This course is designed as an introduction of skills required for a career in the care, education and administration of programs for young children. Students will develop skills in areas including career paths, developmentally appropriate practices, safe and healthy learning environments, and collaborative relationships. Academics and employability skills are integrated throughout the course. Units from this course could be applied to education and training, health sciences, business, and human services clusters. Participation in student organizations Educators Rising (former Future Educators Association) and/or Family, Career and Community Leaders of America (FCCLA) greatly enhance the learning experience.

Work Based Learning

6390 Education and Training, work-based credit
This is a program which coordinates high school studies with a job in a field related to academic or technical education standards that provides "hands on learning" in areas of student interest with a participating business. A learning contract outlines the expectations of and responsibilities of both parties. The student works regularly during or after school in exchange for the mentor's time in teaching and demonstrating. The work-based experience may be paid or unpaid.

639000CW	**120 Hours**	**1.0 Credit**

FINANCE

The Finance cluster includes courses and/or programs related to financial planning which combines the skill sets of financial managers with that of a more relationship-oriented individual.

Accounting 1
500100CW
Grades: 10-12
1 unit
Prerequisite: None
This course is designed to help the student develop an understanding of the concepts, principles, and practices necessary in the preparation and maintenance of financial records concerned with business management and operations. Students are exposed to the accounting cycle, cash control systems, payroll, and careers in accounting. All students are encouraged to join Future Business Leaders of America (FBLA).

Accounting 2
500500CW
Grades: 10-12
1 unit
Prerequisite: Accounting 1 with minimum grade of "C" or better and/or instructor approval
Students will develop advanced skills that build upon those acquired in Accounting 1. Students continue applying accounting concepts related to business entities. Additional accounting skills will be developed, including preparing and journalizing payroll records, calculating and recording adjusting entries, and interpreting financial information. The student will demonstrate knowledge of accounting principles through the use of computer software and simulated activities.

Banking Services
527100CW
Grades: 10 – 12
1 unit
Prerequisite: Business Finance or Personal Finance
This course is designed to offer a unique approach to understanding the banking services. It provides an introduction to banking services and functions, including business of banking, careers in banking and finance, origins and purposes of banking, money and interest, deposits in banking, negotiable instruments, bank loans, mortgages, commercial lending, specialized bank service, promoting the bank, and security and ethics. All students are encouraged to join Future Business Leaders of America (FBLA).

Business Finance
527300CW
Grades: 10 – 12
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 records, long and short term financial activities, financial business activities, financial institutions and banking services, consumer credit, business insurance, technology and financial management, and international finance. All students are encouraged to join Future Business Leaders of America (FBLA).

Personal Finance
513100CW
Grades: 9-12
1 unit
Prerequisite: None
This course introduces students to the fundamentals of personal finance, which include budgeting, obtaining credit, maintaining deposit accounts, understanding investments, understanding risk management, computing taxes, and analyzing the basic elements of finance. All students are encouraged to join Future Business Leaders of America (FBLA).

Work Based Learning

6190 Finance, work-based credit
This is a program which coordinates high school studies with a job in a field related to academic or technical education standards that provides "hands on learning" in areas of student interest with a participating business. A learning contract outlines the expectations of and responsibilities of both parties. The student works regularly during or after school in exchange for the mentor's time in teaching and demonstrating. The work-based experience may be paid or unpaid.

619000CW	**120 Hours**	**1.0 Credit**

HEALTH SCIENCE EDUCATION

Health Science Education is a secondary program of study that promotes health career opportunities to students in grades 9-12. After the completion of certain courses, students can earn credits through the work-based program. Work-based numbers for these courses are listed at the end of this section. Students can seek approval and assistance with this program from their counselor.

PLTW Biomedical Innovation (C.A. Johnson, Columbia)
558300HW
Grade: 12
1 unit
Prerequisite: Successful completion of PLTW Principles of Biomedical Sciences and PLTW Human Body Systems
Students delve into activities like designing a prosthetic arm as they follow the life of a fictitious family and investigate how to prevent, diagnose, and treat disease. All students are strongly encouraged to join Health Occupations Students of America (HOSA). Eligible students may be nominated by their teachers to join the National Technical Honor Society. Students who successfully pass the end of course exam can qualify to receive college credit from the University of South Carolina.

Health Science 1 (C. A. Johnson, Lower Richland)
555000CW
Grade: 9-12
1 unit
Prerequisite: None
Health Science 1 is the first offered to students interested in pursuing a career in the healthcare field. During this first course students are introduced to healthcare history, careers, law and ethics, cultural diversity, healthcare language and math, infection control, professionalism, communication, basics of the organization of healthcare facilities, and types of healthcare insurance. Students get a good grasp of where healthcare 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. All students must provide verification of medical insurance coverage or purchase schools accident insurance. All students will need at least 1 uniform with designated program shoes and a watch with a second hand. All students must be up-to-date including mumps, measles, and rubella (MMR). Other vaccinations such as diphtheria and tetanus may also be required. Students will adhere to program requirements for training site agreements. All students are strongly encouraged to join Health Occupations Students of America (HOSA). Eligible students may be nominated by their teachers to join the National Technical Honor Society.

Health Science 2 (C. A. Johnson, Lower Richland)
555100CW
Grade: 10-12
1 unit
Prerequisite: Successful completion of Health Science 1 or Medical Terminology
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 about the stages of life and **Maslow’s Hierarchy** of needs. 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 be certified in **First Aid and CPR** in this course. All students must provide verification of medical insurance coverage or purchase schools accident insurance. All students will need at least 1 uniform with designated program shoes and a watch with a second hand. All students must be up-to-date including mumps, measles, and rubella (MMR). Other vaccinations such as diphtheria and tetanus may also be required. Prior to work-based experiences, students must have a TB skin test and Hepatitis B injection. Students will adhere to program requirements for training site agreements. All students are strongly encouraged to join Health Occupations Students of America (HOSA). Eligible students may be nominated by their teachers to join the National Technical Honor Society.

Health Science 3 (C. A. Johnson, Lower Richland)
555200CW
Grades: 11-12
1 unit
Prerequisite: Health Science 1 or Sports Medicine 1. Students are recommended to be First Aid and CPR certified prior to this course. Students should be familiar with general medical terminology as well as technical skills associated with vital signs. (Skills learned in HS2 or SM1).
Health Science 3 acquaints students with basic anatomy and physiology of the human body. Students learn how the human body is structured and the function of each of the 12 body systems. Students will study the relationship that the body systems have with disease from the healthcare point of view. This is a very “hands-on” course and students will learn through projects and activities in the classroom. Skill procedures and foundation standards are reviewed and integrated throughout the program. Job shadowing is encouraged. This course does not count as a lab science). All students must provide verification of medical insurance coverage or purchase schools accident insurance. All students will need at least 1 uniform with designated program shoes and watch with a second hand. All students must be up-to-date including mumps, measles and rubella (MMR). Other vaccinations such as diphtheria and tetanus may also be required. Prior to work-based experiences, students must have a TB skin test and Hepatitis B injection. Students will adhere to program requirements for training site agreements. All students are strongly encouraged to join Health Occupations Students of America (HOSA). Eligible students may be nominated by their teachers to join the National Technical Honor Society.

Health Science Clinical Study (Honors) (C. A. Johnson, Lower Richland)
556000HD
Grade 12
2 units
Prerequisites: Health Science 1, 2, and 3 (HS 3 may be substituted with the following courses: PLTW Human Body Systems, or Medical Terminology). Please note: Only HS3, Medical Terminology or PLTW HBS will count towards being a completer in the Health Science pathway.
Health Science Clinical Study is a course that guides students to make connections from the classroom to the healthcare industry through work-based learning experiences/activities. This course is designed to provide for further development and application of knowledge and skills common to a wide variety of healthcare professions. The students in this course will build on all information and skills presented in the previous required course foundation standards. The student, teachers and work-based learning coordinators will work together to create opportunities for the students to get the best experience available in the district’s geographic region. Students in this course should be First-Aid and CPR certified before participating in any

healthcare experience outside of the classroom. Nurse-Aide candidates: 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. For Nurse-Aide programs, students will review all foundation standards in the clinical study program, as well as the addition of the SC Nurse Aide Curriculum found in the training program packet. This course meets all DHHS federal and state requirements for a certified nurse aide program in an approved NA training facility (NA program is optional). All students must provide verification of medical insurance coverage or purchase schools accident insurance. All students will need at least 1 uniform with designated program shoes and a watch with a second hand. All students must be up-to-date including mumps, measles, and rubella (MMR). Other vaccinations such as diphtheria and tetanus may also be required. Prior to clinical internship experience, students must have a TB skin test and Hepatitis B injection. Student personal malpractice liability insurance is required and the cost will be paid by the district. Students will adhere to program requirement for training site agreements.

PLTW Human Body Systems (C.A. Johnson, Columbia)
558102HW
Grade: 10
1 unit
Prerequisite: PLTW Principles of Biomedical Sciences
By engaging in activities like dissecting a sheep heart, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. All students are strongly encouraged to join Health Occupations Students of America (HOSA). Eligible students may be nominated by their teachers to join the National Technical Honor Society.

PLTW Medical Intervention (C.A. Johnson, Columbia)
558200HW
Grade: 11
1 unit
Prerequisite: PLTW Human Body Systems
Students delve into activities like designing a prosthetic arm as they follow the life of a fictitious family and investigate how to prevent, diagnose, and treat disease. All students are strongly encouraged to join Health Occupations Students of America (HOSA). Eligible students may be nominated by their teachers to join the National Technical Honor Society.

Medical Terminology (C.A. Johnson, Lower Richland)
554000CW
Grades: 11- 12
1 unit
Prerequisite: None
Medical Terminology is for students interested in the medical field. It is designed for eleventh and twelfth graders. This course will introduce the student to medical terms, including roots, prefixes, and suffixes, with emphasis on spelling, definition, and pronunciation. This curriculum provides an introduction to any health field. All students are strongly encouraged to join Health Occupations Students of America (HOSA). Eligible students may be nominated by their teachers to join the National Technical Honor Society.

Pharmacology for Medical Centers (C.A. Johnson, Lower Richland)
557000HW
Grade: 10
1 unit
Prerequisite: Health Science 1, Sports Medicine 1 or PLTW Principles of Biomedical Sciences
Contact the Guidance office at your school for Special Requirements. Pharmacology is an interactive multimedia training system specifically designed to assist pharmacy technicians in passing the Pharmacy Technician Certification Board (PTCB) national certification program. State regulations determine the exact duties that a pharmacy technician is allowed to perform. Students are guided to make connections from the classroom to the healthcare through work-based learning experiences. All students must provide verification of medical insurance coverage. Student personal malpractice liability insurance is required and the cost will be paid by the district. All students will need 2 uniforms, white shoes and a watch with a second hand. Prior to the clinical internship experience, students must have a TB skin test and Hepatitis B injections. All immunizations must be up-to-date including mumps, measles and rubella (MMR). Other vaccinations such as diphtheria and tetanus may also be required. Students will sign and adhere to a Clinical Internship Agreement. A minimum of 1,000 hours of clinical services at a community pharmacy are required. All students are strongly encouraged to join Health Occupations Students of America (HOSA). Eligible students may be nominated by their teachers to join the National Technical Honor Society.

PLTW Principles of Biomedical Sciences (C.A. Johnson, Columbia)
558001HW
Grades: 9-10
1 unit
Prerequisite: None
By engaging in activities like dissecting a sheep heart, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. All students are strongly encouraged to join

Health Occupations Students of America (HOSA). Eligible students may be nominated by their teachers to join the National Technical Honor Society.

Work Based Learning		
5590 Health Science, work-based credit This is a program which coordinates high school studies with a job in a field related to academic or technical education standards that provides “hands on learning” in the area of student interest with a participating business. A learning contract outlines the expectations of and responsibilities of both parties. The student works regularly during or after school in exchange for the mentor’s time in teaching and demonstrating. The work-based experience may be paid or unpaid.		
559000CW	**120 Hours**	**1.0 Credit**

Sports Medicine 1 (CA Johnson)
555501CW
Grade: 11
1 unit
Prerequisite: None
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 concept. Students interested in healthcare careers in athletic training, physical therapy, medicine, exercise physiology, nursing, biomechanics, nutrition, psychology, and radiology will benefit from this course. All students enrolled in this course must provide the instructor verification of medical insurance coverage. All students are strongly encouraged to join Health Occupations Students of America (HOSA). Eligible students may be nominated by their teachers to join the National Technical Honor Society.

Sports Medicine 2 (CA Johnson)
555601CW
Grade: 10-12
1 unit
Prerequisites: Students must have successfully completed Sports Medicine 1. Strongly recommend successful completion of Medical Terminology, Health Science 3, or Anatomy and Physiology.
Sports Medicine 2 emphasizes the assessment and rehabilitation of athletic injuries. Subject matter will include discussion of specific conditions and injuries that may be experienced by individuals participating in athletic activities. In addition, the use of appropriate therapeutic modalities and exercise in the care and rehabilitation of injuries will be examined. A review of the body systems will be included 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. All students enrolled in this course must provide the instructor verification of medical insurance coverage. All students are strongly encouraged to join Health Occupations Students of America (HOSA). Eligible students may be nominated by their teachers to join the National Technical Honor Society.

Sports Medicine 3 (CA Johnson)
555700CW
Grade: 12
1 Unit
Prerequisites: Students must have successfully completed Sports Medicine 1 & 2. It is strongly recommended that students successfully complete Medical Terminology, Health Science 3, or Anatomy and Physiology prior to this course.
Sports Medicine 3 emphasizes the student’s ability to apply concepts from previous Sports Medicine coursework to real-world situations and scenarios. A priority will be placed on understanding the current research and evidence based practices offering the practice of Sports Medicine professionals. Students will develop policies, procedures, and guidelines based on these aspects, as well as explore detailed treatment and rehabilitation procedures for common athletic injuries. Students are expected to participate in clinical situations either at the school with their athletic department or in an outside clinical setting for real world experience. All students are strongly encouraged to join Health Occupations Students of America (HOSA). Eligible students may be nominated by their teachers to join the National Technical Honor Society.

Work Based Learning		
5591 Sports Medicine, work-based credit This is a program which coordinates high school studies with a job in a field related to academic or technical education standards that provides “hands on learning” in the area of student interest with a participating business. A learning contract outlines the expectations of and responsibilities of both parties. The student works regularly during or after school in exchange for the mentor’s time in teaching and demonstrating. The work-based experience may be paid or unpaid.		
559100CW	**120 Hours**	**1.0 Credit**

HOSPITALITY AND TOURISM

Hospitality and Tourism is designed to prepare students for entry-level employment in the travel and tourism industry.

Introduction to Culinary Arts Management (Lower Richland)
572201CW
Grades: 9-10
1 unit
Prerequisite: None
Do you like to travel and entertain? This career will allow you to live or visit the most romantic places and meet all kinds of people. Whether your career goal is to become a chef on a cruise liner, cater elaborate functions, own a restaurant, run a country club, or just be a part of the food and beverage services industry, the opportunities are endless. The ability to create and to work well with others is a must. The course content of this program includes work ethics; safety; sanitation; the use and care of commercial equipment; the use and care of utensils and tools; customer service duties; menu planning; food preparation; job seeking; and job keeping skills. This is an introductory course designed to give students a chance to explore Culinary Management as a career choice. Students are strongly encouraged to join the student organization Family, Career, and Community Leaders of America (FCCLA). Eligible students may be nominated by their instructor to join the National Technical Honor Society.

Culinary Arts Management 1 (Lower Richland)
572000CD
Grade: 11
2 units
Prerequisites: GPA of 2.0 or better; Interviewed by the Instructor
This course prepares students for gainful employment and/or entry into postsecondary education in the food production and service industry. Content provides students the opportunity to acquire marketable skills by examining both the industry and its career opportunities. Laboratory experiences simulate commercial food production and service operations. Students will begin a two-year program called ProStart sponsored by the National Restaurant Association. This program includes the industry-driven curriculum designed by The Educational Foundation of the National Restaurant Association to teach, test and award industry recognized certificates to students meeting high standards in hospitality education and articulation with various culinary institutes. Students who complete the requirements of the two-year Pro-Start program are awarded an industry-recognized certificate. This is the ProStart National Certificate of Achievement. To earn the certificate, students must pass two national exams, demonstrate a mastery of foundational skills and work 400 mentored hours. Students volunteer for 200 hours and acquire 200 hours of paid employment. Students may begin earning these hours upon enrollment in this class. All students must provide the instructor with proof of medical coverage. Students are required to be in full uniform (chef coat, pants, apron and hat) during labs. Students are strongly encouraged to join the student organization Family, Career, and Community Leaders of America (FCCLA). Eligible students may be nominated by their instructor to join the National Technical Honor Society.

Culinary Arts Management 2 (Lower Richland)
572100CD
Grade: 12
2 units
Prerequisites: Successfully completed Culinary Management 1 with a "C+" average or better; Instructor recommendation
This course is a continuation of Culinary Management 1. Students will complete the two-year Pro-Start program. This program includes the industry driven curriculum designed by The Educational Foundation of the National Restaurant Association to teach, test and award industry recognized certificates to students meeting high standards in hospitality education and articulation with various culinary institutes. Students who complete the requirements of the two-year Pro-Start program are awarded an industry-recognized certificate. This is the ProStart National Certificate of Achievement. To earn the certificate, students must pass two national exams, demonstrate a mastery of foundational skills and work 400 mentored hours. Students volunteer for 200 hours and acquire 200 hours of paid employment. All students must provide the instructor with proof of medical coverage. Students are required to be in full uniform during labs. Students are strongly encouraged to join the student organization Family, Career, and Community Leaders of America (FCCLA). Eligible students may be nominated by their instructor to join the National Technical Honor Society.

Introduction to Hospitality and Tourism Management (Keenan)
547800CW
Grades: 11 – 12
1 unit
Prerequisite: None
This course focuses on foundational information about the hospitality and tourism industry and provides opportunities for students to get a taste of what hospitality and tourism is all about. Course content includes the following: 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.

Work Based Learning

5190 Hospitality and Tourism, work-based credit
This is a program which coordinates high school studies with a job in a field related to academic or technical education standards that provides "hands on learning" in the area of student interest with a participating business. A learning contract outlines the expectations of and responsibilities of both parties. The student works regularly during or after school in exchange for the mentor's time in teaching and demonstrating. The work-based experience may be paid or unpaid.

519000CW	**120 Hours**	**1.0 Credit**

HUMAN SERVICES

Majors within the Human Services cluster are designed to prepare students for entry-level employment in areas related to planning, managing, providing, and supporting human services such as foods and nutrition and child care services.

Cosmetology 1 (Lower Richland)
615000CD
Grade: 11
2 units
Prerequisites: GPA of 2.0 or better; Interviewed by the Instructor
The Cosmetology Program is designed to prepare students to qualify for the state cosmetology licensure examination. This is a two year completion program. Students will receive training in the art and science of the care and beautification of hair, skin, and nails. The course of study includes scalp treatments, hair setting, hair styling, hair shaping, hair waving, hair relaxing, hair coloring, hair lightening, shampooing and rinses. Care of skin and nails includes manicuring, pedicuring, massage, facials, makeup application, and hair removal. Instruction in chemistry, bacteriology, anatomy and physiology of the face, head, hands, arms, and legs is incorporated by means of theory and practical application on mannequins and clients. Also included in the course of study is salon planning and management. Applicants must be at least 16 years old and have completed the 10th grade. Students will be encouraged to participate in the student organization Skills USA. Eligible students may be nominated by their instructor to join the National Technical Honor Society. All students must provide the instructor with proof of medical coverage. Students are required to pay a one-time fee of $150.00 to cover the cost of workbooks, exam reviews, uniforms, consumable items and the use of a district-owned kit. Students have the option to purchase their own personal kit for an additional cost if desired. Please consult with your instructor for payment details if you wish to purchase a kit. Fees are non-refundable.

Cosmetology 2 (Lower Richland)
615100CD
Grade: 11
2 units
Prerequisites: Successfully completed Cosmetology 1 with a "C+" average or better; required hours; Instructor recommendation
This course is a continuation of Cosmetology 1. Students will be encouraged to participate in the student organization Skills USA. Eligible students may be nominated by their instructor to join the National Technical Honor Society. All students must provide the instructor with proof of medical coverage.

Cosmetology 3 (Lower Richland)
615200CD
Grade: 12
2 units
Prerequisites: Successfully completed Cosmetology 2 with a "C+" average or better; required hours; Instructor recommendation
This course is a continuation of Cosmetology 2. All students must provide the instructor with proof of medical coverage. Students practice and prepare for the theory and practical portions for the South Carolina Board of Cosmetology Licensure Examination. Students are strongly encouraged to participate in the student organization Skills USA. Eligible students may be nominated by their instructor to join the National Technical Honor Society.

Cosmetology 4 (Lower Richland)
615300CD
Grade: 12
2 units
Prerequisites: Successfully completed Cosmetology 3 with a "C+" average or better; required hours; Instructor recommendation
This course is a continuation of Cosmetology 3. Upon the successful completion of this program, students who have earned 1500 hours of instruction in theory and practical skills may sit for the South Carolina Board of Cosmetology Licensure Examination. All students must provide the instructor with proof of medical coverage. Students are strongly encouraged to participate in the student organization Skills USA. Eligible students may be nominated by their instructor to join the National Technical Honor Society.

Work Based Learning

5790 Human Services, work-based credit
This is a program which coordinates high school studies with a job in a field related to academic or technical education standards that provides "hands on learning" in the area of student interest with a participating business. A learning contract outlines the expectations of and responsibilities of both parties. The student works regularly during or after school in exchange for the mentor's time in teaching and demonstrating. The work-based experience may be paid or unpaid.

579000CW	**120 Hours**	**1.0 Credit**

Family and Consumer Sciences 1 (C.A. Johnson, Eau Claire, Keenan, Lower Richland)
580800CW
Grades: 9-12
1 unit
Prerequisite: None
Family and Consumer Sciences 1 is a comprehensive course designed to provide students with the core knowledge and skills needed to manage their lives. Course projects incorporate higher order thinking, communication, and leadership skills that can be applied to real life situations immediately. Topics include: interpersonal relationships, human development, family well-being, careers, family and consumer resources, and nutrition and wellness. Students are strongly encouraged to participate in the student organization Family Careers, and Community Leaders of America (FCCLA). Eligible students may be nominated by their instructor to join the National Technical Honor Society.

Family and Consumer Sciences 2 (C.A. Johnson, Eau Claire, Keenan, Lower Richland)
580900CW
Grades: 10-12
1 unit
Prerequisites: Family Consumer Science 1 with a "C" or better and/or instructor recommendation
This is a comprehensive exploratory course that provides more intense skills. Instruction and learning experiences emphasize family roles, relationships, responsibilities, and resources: and the development of understandings, attitudes and skills relevant to personal, home, and family life responsibilities. All students must provide the instructor with verification of medical insurance coverage. All students are strongly encouraged to join Family, Career and Community Leaders of America (FCCLA). Eligible students may be nominated by their teacher to join the National Technical Honor Society.

Family Life Education 1 (Eau Claire, Keenan, Lower Richland)
582000CW
Grades: 9-12
1 unit
Prerequisite: None
Your body is not the only thing that needs to be healthy! What about your relationships? Learn how to make better choices by enrolling in Family Life Education I! Family Life Education I helps students understand and learn to apply various concepts to gain and maintain healthy relationships throughout their lives. Topics such as applying interpersonal skills in relationships, critiquing financial decisions, and determining risk factors of healthy lifestyles are included in the course content. Students are strongly encouraged to participate in the student organization Family Careers, and Community Leaders of America (FCCLA). Eligible students may be nominated by their instructor to join the National Technical Honor Society.

Family Life Education 2 (Eau Claire, Keenan, Lower Richland)
582100CW
Grades: 10-12
1 unit
Prerequisite: Family Life Education 1
Now that you've acquired the skills to enhance your relationships, let's further these skills to improve personal and family development. Family Life Education II stresses the role individuals must assume to improve family life. Effective personal development and the use of community resources are emphasized. Topics include but are not limited to developing healthy lifestyles, preparing for a family, managing financial resources, dealing with family crises, and developing employability skills. Students are strongly encouraged to participate in the student organization Family Careers, and Community Leaders of America (FCCLA). Eligible students may be nominated by their instructor to join the National Technical Honor Society.

Fashion, Fabric, and Design 1 (Eau Claire, Keenan, Lower Richland)
580400CW
Grades: 9-12
1 unit
Prerequisite: None
This course introduces students to the concept of choosing clothing for a purpose. Students explore color plans, gain consumer skills in making informed shopping decisions, and explore careers. Students determine clothing quality; understand the information on labels and hangtags and planning a wardrobe. Students will have the opportunity to practice sewing techniques and altering and/or repairing household and clothing items. All fabric and sewing notions are to be supplied by the student for one project. All students must provide verification of medical insurance. Students are strongly encouraged to participate in the student organization Family Careers, and Community Leaders of America

(FCCLA). Eligible students may be nominated by their instructor to join the National Technical Honor Society.

Fashion, Fabric, and Design 2 (Eau Claire, Keenan, Lower Richland)
580500CW
Grades: 10-12
1 unit
Prerequisites: Fashion, Fabric, and Design 1 with a "C" or better and/or instructor recommendation
Students enrolled in Fashion, Fabric, and Design 2 will receive rigorous and relevant learning experiences as they study textiles, color analysis, wardrobe planning, interior designing, advanced and quality design techniques, and job opportunities in the clothing and interior field. All materials are to be supplied by the student for each project or garment constructed. A minimum of two projects is required and additional projects are encouraged. Tailoring techniques will be introduced as appropriate for the individual student. All students must provide the instructor with verification of medical insurance coverage. It is recommended that all students join the student organization, FCCLA. Eligible students may be nominated by their teacher to join the National Technical Honor Society.

Financial Fitness 1 (Eau Claire, Keenan, Lower Richland)
581200CW
Grades: 10-12
1 unit
Prerequisite: None
Financial Fitness 1 is designed to help students develop financial management skills by utilizing sound decision making procedures, evaluating marketplace alternatives, creating a personal budget, becoming knowledgeable of the rights and experiences will provide real life application such as; buying a car, budgeting money, using credit wisely, selecting the first apartment, and avoiding "rip offs" when making purchases. Learning experiences emphasize financial planning and budgeting as a basis for personal/family security. Students are strongly encouraged to participate in the student organization Family Careers, and Community Leaders of America (FCCLA). Eligible students may be nominated by their instructor to join the National Technical Honor Society.

Financial Fitness 2 (Eau Claire, Keenan, Lower Richland)
581300CW
Grades: 10-12
1 unit
Prerequisites: Financial Fitness 1 with a "C" or better and instructor recommendation
Financial Fitness 2 is an in depth study of financial management skills. Building on the skills mastered in Financial 12, local, state, and federal consumer protection agencies, and consumer services career paths. Learning experiences will encourage higher order thinking skills, incorporate the use of technology, solve real world problems, and develop characteristics of a responsible consumer. Students will have opportunities to interact with professional from the business world. Students are strongly encouraged to participate in the student organization Family Careers, and Community Leaders of America (FCCLA). Eligible students may be nominated by their instructor to join the National Technical Honor Society.

Foods and Nutrition 1 (C.A. Johnson, Eau Claire, Keenan, Lower Richland)
582400CW
Grades: 9-12
1 unit
Prerequisite: None
Students enrolled in Foods and Nutrition 1 will receive rigorous and relevant learning experiences as they study the principles of nutrition for individual and family health, fitness, and wellness. Students will gain knowledge and experiences in nutrition, food safety and sanitation, kitchen work centers, meal planning, preparation techniques, table service and etiquette, and nutrition-related careers. Critical thinking and practical problem-solving are emphasized in a co-curricular approach that incorporates principles of mathematics, science, writing, communications, and economics. The ServSafe® employee certification provides increased marketability. Foods and Nutrition 1 is a prerequisite for Food and Nutrition 2. National Certification: ServSafe® Employee. Students are strongly encouraged to participate in the student organization Family Careers, and Community Leaders of America (FCCLA). Eligible students may be nominated by their instructor to join the National Technical Honor Society.

Foods and Nutrition 2 (C.A. Johnson, Eau Claire, Keenan, Lower Richland)
582500CW
Grades: 9-12
1 unit
Prerequisite: Foods and Nutrition 1
Students enrolled in Food and Nutrition 2 will experience an advanced program designed to provide a more in depth knowledge of individual and family health, fitness, and wellness. Students will gain knowledge and experiences in nutrition, safety and sanitation, consumer decisions, ethnic and multicultural meal preparation, table service and etiquette, and foods and nutrition-related careers. Critical thinking and practical problem-solving are emphasized in a co-curricular approach that incorporates principles of mathematics, science, writing, communications, and economics. The ServSafe® employee certification provides increased marketability. Skills acquired in Food and Nutrition 2 provides a foundation for further studies and employability in nutrition and food service. Students are strongly encouraged to participate in the student organization Family Careers, and Community Leaders of America (FCCLA). Eligible students may be nominated by their instructor to join the National Technical Honor Society.

Work Based Learning

5890 Family and Consumer Sciences, work-based credit
This is a program which coordinates high school studies with a job in a field related to academic or technical education standards that provides "hands on learning" in the area of student interest with a participating business. A learning contract outlines the expectations of and responsibilities of both parties. The student works regularly during or after school in exchange for the mentor's time in teaching and demonstrating. The work-based experience may be paid or unpaid.

589000CW	**120 Hours**	**1.0 Credit**

INFORMATION TECHNOLOGY

Information Technology careers involves the design, development, support, and management of hardware, software, multimedia and systems integration services.

IT Fundamentals (Middle College only)
502500CW
Grades: 11-12
1 unit
Prerequisite: None
This course provides students with the fundamentals for IT literacy, environmental and safety concepts, operating systems, software, hardware, networking, alternative technologies, security, and computational thinking. Students who successfully master the content may take the CompTIA IT Fundamentals certification exam. This course may be the fourth unit in some three-unit CTE completer programs. This course is offered only to students enrolled at the Richland One Middle College. *Counts as Computer Science graduation requirement.*

Discovering Computer Science
506100CW
Grades: 9-12
1 unit
Prerequisite: None
Discovering Computer Science students will be exposed to introductory computer science topics with an emphasis on computational thinking and problem solving. Students will be empowered to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun. Students will create their own websites, apps, and games. This survey course will expose students to introductory computer science topics with an emphasis on computational thinking and problem solving applied to a variety of contexts. Students will be empowered to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun. This course is not included in any CATE completer pathway. *Counts as Computer Science graduation requirement.*

Fundamentals of Web Page Design and Development
503100CW
Grades: 10-12
1 unit
Prerequisite: None
Students will gain the skills and knowledge needed to safely and effectively use internet applications and languages to create and maintain web pages using a structured development process. Students will learn the HTML, CSS, and basic scripting in a language like JavaScript needed to create websites that are well-organized, attractive, universally accessible, responsive, and easy to navigate. They will also learn the technological processes, requirements, and legal ramifications for publishing their websites. This is a specialized course focusing on one area of computer science and is recommended for students who are interested in learning web design and development industry languages. This course will prepare students for industry credentials. *Counts as Computer Science graduation requirement.*

Advanced Web Page Design and Development
503300CW
Grades: 10-12
1 unit
Prerequisite: Successful completion of Fundamentals of Web Page Design and Development
This advanced course is designed to provide students with the knowledge and skills necessary to pursue careers in web design and development. Students will develop an in-depth understanding and use of HTML, CSS, JavaScript, layout techniques, and other industry-standard practices. In addition, students will learn scripting technologies to create dynamic and interactive websites. Students will maintain a professional quality portfolio of web design work. Successful completion of this course will prepare students for industry certification. *Counts as Computer Science graduation requirement.*

Work Based Learning

5390 Information Technology, work-based credit
This is a program which coordinates high school studies with a job in a field related to academic or technical education standards that provides "hands on learning" in the area of student interest with a participating business. A learning contract outlines the expectations of and responsibilities of both parties. The student works regularly during or after school in exchange for the mentor's time in teaching and demonstrating. The work-based experience may be paid or unpaid.

539000CW	**120 Hours**	**1.0 Credit**

LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY

The Law, Public Safety and Security Career Cluster helps prepare learners for careers in planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.

Fire Fighter 1 (Lower Richland)
651400CD
Grades: 10-11
2 Units
Prerequisites: Algebra I, Application Process, and overall GPA of "C" or better
This course provides the basic skills necessary to get personnel operational and performing on the fire ground. Topics include the following: orientation to the fire service; safety; fire department communications; fire behavior; fire prevention and public fire education; protective clothing; building search and victim removal; ropes and knots; building construction; forcible entry and forcible entry construction techniques; ground ladders; ventilation; hose practices, water supply, and fire streams; Classes A, B, C, and D fire identification and classification; vehicle and wild land fire control; portable extinguishers and sprinkler system fundamentals; and salvage, overhaul and protecting evidence of fire cause. Successful completion of written and performance testing is required. Requirements: All students enrolled in this course must provide the instructor with verification of medical insurance coverage. All students are asked to join Skills USA student organization costing approximately $17.00. Each student is responsible for the purchase and maintenance of their safety shoes.

Fire Fighter 2 (Lower Richland)
651500CD
Grades: 11-12
2 Units
Prerequisites: Completion of Firefighter I with a "C" or better; Instructor Recommendation
This course provides students with the knowledge and skills to meet the National Firefighter Standards. Topics include the following: radio communications and incident reports, pre-incident surveys, rescues and extrication tools, vehicle extrication and special rescues, hydrant flow and operability, hose tools and appliances, foam fire streams, fire detection, alarm and suppression systems, construction materials and building collapse, and fire cause and origin. The course introduces the Emergency Medical Services System and implementation of proper safety and infection control measures. Successful completion of written and performance testing is required to meet national firefighting certification. Requirements: All students enrolled in this course must provide the instructor with verification of medical insurance coverage. All students are asked to join Skills USA student organization costing approximately $17.00. Each student is responsible for the purchase and maintenance of their safety shoes.

Introduction to Law, Public Safety, Corrections and Security (Lower Richland)
650501CW
Grade: 10
1 Unit
Prerequisites: Algebra 1, Application Process, and Overall GPA of 2.0 or better.
Introduction to Law, Public Safety, Corrections, and Security Course provides basic career information in public safety including corrections, emergency and fire management, security and protection, law enforcement, and legal services. Additionally students will develop a personal plan for a career in public safety. The course includes skills in each are of Law Enforcement Services and Fire Fighter and the community to help deliver instruction to the students. English language arts are reinforced, and Work-based learning strategies appropriate for this course include job shadowing. Apprenticeship and cooperative education are not available for this course. SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences. All students enrolled in this course must provide the instructor with verification of medical insurance coverage. All students are asked to join Skills USA student organization costing approximately $17.00.

Work Based Learning

6590 Law, Public Safety, Corrections, and Security, work-based credit
This is a program which coordinates high school studies with a job in a field related to academic or technical education standards that provides "hands on learning" in the area of student interest with a participating business. A learning contract outlines the expectations of and responsibilities of both parties. The student works regularly during or after school in exchange for the mentor's time in teaching and demonstrating. The work-based experience may be paid or unpaid.

539000CW	**120 Hours**	**1.0 Credit**

MARKETING

The Marketing cluster includes courses and/or programs related to planning, managing, and performing wholesaling and retailing services and related marketing and distribution support services including merchandise/product management and promotion.

Advertising
547000CW
Grades: 11-12
1 unit
Prerequisites: Marketing
This course is designed to introduce the concepts of advertising, planning, strategies, communication skills, and professional development. Course content includes budget development, media selection, design, and the

preparation of ads for various media. All students are encouraged to join Future Business Leaders of America (FBLA) and/or DECA (An Association of Marketing Students).

Marketing
542101CW
Grades: 9-12
1 unit
Prerequisite: None
This course introduces marketing concepts and examines the economic, marketing, and business fundamentals, in addition to the marketing functions of selling, promotion, and distribution. The standards listed are core standards and those standards reflecting the needs of the local business community. This is the basic course in the marketing curriculum and should be taken before the specialized courses. All students are encouraged to join Future Business Leaders of America (FBLA) and/or DECA (An Association of Marketing Students).

Marketing Management
543100CW
Grades: 11-12
1 unit
Prerequisite: Marketing
This course includes the analysis of the marketing functions by examining in-depth human resource foundations, marketing and business fundamentals, distribution, promotion, retailing, fashion, hospitality, and tourism as applied in merchandising. Projects and computer simulations will allow students to further develop marketing strategies.

Merchandising
543000CW
Grades: 10-12
1 unit
Prerequisites: Marketing
This course is designed to prepare individuals to function as professional buyers of resale products and product lines for stores, chains, and other retail enterprises. The course content includes instruction in product evaluation, merchandising, applicable aspects of brand and consumer research, principles of purchasing, and negotiation skills. All students are encouraged to join Future Business Leaders of America (FBLA) and/or DECA (An Association of Marketing Students)

Sports and Entertainment Marketing
542500CW
Grades: 10-12
1 unit
Prerequisite: None
This program is for students who wish to pursue careers in the various areas of the sports and entertainment industry. This includes careers in box office management and sales, group sales, public sales, marketing, operations, development and sports programming. All students are encouraged to join Future Business Leaders of America (FBLA) and/or DECA (An Association of Marketing Students).

Work Based Learning

5091 Marketing, work-based credit
This is a program which coordinates high school studies with a job in a field related to academic or technical education standards that provides “hands on learning” in the area of student interest with a participating business. A learning contract outlines the expectations of and responsibilities of both parties. The student works regularly during or after school in exchange for the mentor’s time in teaching and demonstrating. The work-based experience may be paid or unpaid.

509100CW	**120 Hours**	**1.0 Credit**

SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS/PROJECT LEAD THE WAY

The Science, Technology, Engineering, and Mathematics (STEM) Cluster incorporate career opportunities in all aspects of engineering and engineering technologies.

Food Science 1 (C.A. Johnson, Eau Claire, Keenan, Lower Richland)
575700CW
Grade: 10-12
1 unit
Prerequisites: Foods and Nutrition 1, and/or Sports Nutrition 1
Students enrolled in Food Science 1 will receive rigorous and relevant learning experiences as they study the science behind foods. Students will learn biology, chemistry, and physics as they investigate principles of food processing and food science. Topics to be covered include food safety and regulations, processing and preservation, product development, and nutritional content of various foods. The course places emphasis on hands-on lab activities and discussion. Students are strongly encouraged to participate in the student organization Family Careers, and Community Leaders of America (FCCLA). Eligible students may be nominated by their instructor to join the National Technical Honor Society.

Food Science 2 (C.A. Johnson, Eau Claire, Keenan, Lower Richland)
575800CW
Grades: 11-12
1 unit
Prerequisite: Food Science 1
Discover different ways to preserve food. Create an original food product, technique, or process to be used in the food industry. Learn biology, chemistry, and physics as you continue to investigate principles of food processing and food science. Topics to be covered include food safety and regulations, processing and preservation, product development, and nutritional

content of various foods. The course places emphasis on hands-on lab activities and discussion. Students are strongly encouraged to participate in the student organization Family Careers, and Community Leaders of America (FCCLA). Eligible students may be nominated by their instructor to join the National Technical Honor Society.

PLTW Aerospace Engineering (Columbia, Dreher, Keenan, Lower Richland)
605601HW
Grades: 11-12
1 unit each
Prerequisites: PLTW Introduction to Engineering Design and PLTW Principles of Engineering with a "C" or better and instructor recommendation.
Students explore the physics of flight and bring what they're learning to life through hands-on projects like designing a glider and creating a program for an autonomous space rover.
All students enrolled in this course must provide the instructor with verification of medical insurance coverage. All students are asked to join Technology Student Association (TSA). Students who successfully pass the end of course exam can qualify to receive college credit from the University of South Carolina. (Will NOT count toward Computer Science graduation requirement beginning in 2019-2020.)

PLTW Civil Engineering and Architecture (Columbia, Dreher, Keenan, Lower Richland)
605801HW
Grades: 11-12
1 unit each
Prerequisites: PLTW Introduction to Engineering Design and PLTW Principles of Engineering with a "C" or better and instructor recommendation.
Students learn important aspects of building and site design and development, and then they apply what they know to design a commercial building. All students enrolled in this course must provide the instructor with verification of medical insurance coverage. All students are asked to join Technology Student Association (TSA). Students who successfully pass the end of course exam can qualify to receive college credit from the University of South Carolina. (Will NOT count toward Computer Science graduation requirement beginning in 2019-2020.)

PLTW Computer Science Essentials (Keenan, Lower Richland)
637201HW
Grades: 11-12
1 unit
Prerequisites: PLTW Introduction to Engineering Design and PLTW Principles of Engineering with a "C" average or better.
Students will experience the major topics, big ideas, and computational thinking practices used by computing professionals to solve problems and create value for others. This course will empower students to develop computational thinking skills while building confidence that prepares them to advance to Computer Science Principles and Computer Science A. All students enrolled in this course must provide the instructor with verification of medical insurance coverage. All students are asked to join Technology Student Association (TSA). Students who successfully pass the end of course exam can qualify to receive college credit from the University of South Carolina. *Counts as Computer Science graduation requirement.*

PLTW Computer Science Principles (Keenan, Lower Richland)
637700HW
Grades: 11-12
1 unit
Prerequisites: PLTW Introduction to Engineering Design and PLTW Principles of Engineering with a "C" average or better.
Using Python® as a primary tool, students explore and become inspired by career paths that utilize computing, discover tools that foster creativity and collaboration, and use what they've learned to tackle challenges like app development and simulation. *This course is endorsed by the College Board, giving students the opportunity to take the AP CSP exam for college credit. Counts as Computer Science graduation requirement.*

PLTW Digital Electronics (Columbia, Dreher, Keenan, Lower Richland)
605200HW
Grades: 11-12
1 unit each
Prerequisites: PLTW Introduction to Engineering Design and PLTW Principles of Engineering with a "C" or better and instructor recommendation.
Students explore the foundations of computing by engaging in circuit design processes to create combinational logic and sequential logic (memory) as electrical engineers do in industry. All students enrolled in this course must provide the instructor with verification of medical insurance coverage. All students are asked to join Technology Student Association (TSA). Students who successfully pass the end of course exam can qualify to receive college credit from the University of South Carolina. (Will NOT count toward Computer Science graduation requirement beginning in 2019-2020.)

PLTW Engineering Design and Development (Columbia, Keenan)
605400HW
Grade: 12
1 unit
Prerequisites: PLTW Introduction to Engineering Design, PLTW Principles of Engineering with a "C" or better and any one of the following: PLTW Aerospace Engineering, PLTW Computer Integrated Manufacturing, PLTW Computer Science Essentials, PLTW Civil Engineering and Architecture, PLTW Digital Electronics
Students identify a real-world challenge and then research, design, and test a solution, ultimately presenting their unique solutions to a panel of engineers. All students enrolled in this course must provide the instructor with verification of medical insurance coverage. All students are asked to join Technology Student Association (TSA). Students who successfully pass the end of course exam can qualify to receive college credit from the University of South Carolina.

PLTW Introduction to Engineering Design (Columbia, Dreher, Flora, Keenan, Lower Richland)
605100HW
Grades: 9-10
1 unit each
Prerequisites: Algebra I or equivalent, overall GPA of 2.0 or higher
Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects like designing a new toy or improving an existing product. All students enrolled in this course must provide the instructor with verification of medical insurance coverage. All students are asked to join Technology Student Association (TSA). Students who successfully pass the end of course exam can qualify to receive college credit from the University of South Carolina.

PLTW Principles of Engineering (Columbia, Dreher, Flora, Keenan, Lower Richland)
605001HW
Grades: 9-10
1 unit each
Prerequisites: PLTW Introduction to Engineering Design with a "C" or better and instructor recommendation.
All students enrolled in this course must provide the instructor with verification of medical insurance coverage. All students are asked to join Technology Student Association (TSA). Students who successfully pass the end of course exam can qualify to receive college credit from the University of South Carolina. *Counts as Computer Science graduation requirement.*

Work Based Learning

6890 Science, Technology, Engineering, and Mathematics, work-based credit
This is a program which coordinates high school studies with a job in a field related to academic or technical education standards that provides "hands on learning" in the area of student interest with a participating business. A learning contract outlines the expectations of and responsibilities of both parties. The student works regularly during or after school in exchange for the mentor's time in teaching and demonstrating. The work-based experience may be paid or unpaid.

689000CW	**120 Hours**	**1.0 Credit**

TRANSPORTATION, DISTRIBUTION, AND LOGISTICS

Commercial Driver's License 1 (Eau Claire)
688000CW
Grades: 10-11
1 unit
Prerequisites: Algebra I with a "C" or better, Application Process, and Overall GPA of "C" or better, Drug Screening, Physically qualified under Department of Transportation regulations - physician to complete a DOT form.
This course provides basic career information about the commercial driver's license. Additionally students will develop a personal plan for a career in transportation. The course includes skills needed to drive on public roads, person and professional attributes, safety and the community to help deliver instruction to the students. English language arts are reinforced, and Work-based learning strategies appropriate for this course include job shadowing. Apprenticeship and cooperative education are available for this course.

Commercial Driver's License 2 (Eau Claire)
688100CW
Grades: 11-12
1 unit
Prerequisites: Commercial Driver's License 1
Commercial Driver's License 2 provides basic career information about the South Carolina Class B commercial driver's license. Additionally students will revise their personal plan for a career in transportation. The course includes skills needed to drive on public roads, person and professional attributes, safety and the community to help deliver instruction to the students. English language arts are reinforced, and Work-based learning strategies appropriate for this course include job shadowing, apprenticeship and cooperative education are available for this course. SkillsUSA competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences. All students enrolled in this course must provide the instructor with verification of medical

insurance coverage. All students are asked to join Skills USA student organization costing approximately $17.00.

Work Based Learning

6790 Transportation, Distribution and Logistics, work-based credit
This is a program which coordinates high school studies with a job in a field related to academic or technical education standards that provides "hands on learning" in the area of student interest with a participating business. A learning contract outlines the expectations of and responsibilities of both parties. The student works regularly during or after school in exchange for the mentor's time in teaching and demonstrating. The work-based experience may be paid or unpaid.

679000CW	**120 Hours**	**1.0 Credit**

EMPLOYABILITY CERTIFICATE

Employability Education 1-4
Grades: 9 - 12
1 unit (Employability Education credits for Employability Certificate)

Empl Ed 1	Empl Ed 2	Empl Ed 3	Empl Ed 4
390800CW	391800CW	TBD	TBD
390801CW	391801CW	TBD	TBD
390802CW	391802CW	TBD	TBD
390803CW	391803CW	TBD	TBD
390804CW	391804CW	TBD	TBD
390805CW	391805CW	TBD	TBD
390806CW	391806CW	TBD	TBD
390807CW	391807CW	TBD	TBD
390812CW	391812CW	TBD	TBD
390813CW	391813CW	TBD	TBD
390814CW	391814CW	TBD	TBD

Employability Education 1-4
Grades: 9 - 12
0.5 unit (Employability Education credits for Employability Certificate)

Empl Ed 1	Empl Ed 2	Empl Ed 3	Empl Ed 4
390800CH	391800CH	TBD	TBD
390801CH	391801CH	TBD	TBD
390802CH	391802CH	TBD	TBD
390803CH	391803CH	TBD	TBD
390804CH	391804CH	TBD	TBD
390805CH	391805CH	TBD	TBD
390806CH	391806CH	TBD	TBD
390807CH	391807CH	TBD	TBD
390812CH	391812CH	TBD	TBD
390813CH	391813CH	TBD	TBD
390814CH	391814CH	TBD	TBD

The Employability Education 1-4 courses (1 unit and 0.5 unit) are designed for students to explore interests, research careers, create resumes, practice interview skills, and conduct informational interviews and job shadows. These courses are designed to introduce students to the fundamental attitudes, behaviors, and habits needed to obtain and maintain employment and make career advancements. Students will participate in school-based learning activities including work ethic development, job-seeking skills, decision-making skills, and self-management. Students will begin a career portfolio as part of the requirements for the South Carolina High School Credential. Formal career planning and development of knowledge regarding transition planning begins in each course and continues throughout the strand of the employability education courses. These courses may be taken only by students with the appropriate IEP qualifications whose first time in the 9th grade is the 2018-2019 school year or beyond.

CAREER AND TECHNICAL EDUCATION (HEYWARD ONLY)

The Heyward Career and Technology Center offers courses in a variety of careers and technical areas designed specifically to prepare students for success following high school, whether college, technical school, or the workforce. Classes at Heyward provide an opportunity to apply reading, writing, and computation skills in a project-based learning environment. Courses at Heyward are organized in Clusters of Study and the work based numbers are listed at the end of each cluster. Courses offered at Heyward Career and Technology Center are listed and/or described in this section. Listed courses without descriptions are detailed in another section of the catalog, because they are also taught at one or more of the high schools. Work based numbers for these courses are listed at the end of each section. See your counselor about courses offered at Heyward or the other high schools.

AGRICULTURE, FOOD, AND NATURAL RESOURCES

Agricultural Education is a program for high school and middle school students interested in pursuing careers in natural resources, environmental, and agricultural careers.

Introduction to Horticulture
565001CW
Grades: 9 – 12
1 unit
Prerequisite: None
This course is designed to be an introduction to the Horticulture pathway. This course includes organized subject matter and practical experiences related to the culture of plants used principally for ornamental or aesthetic purposes. Instruction emphasizes knowledge and understanding of the importance of establishing, maintaining, and managing ornamental horticulture enterprises. Typical instructional activities include hands-on experiences with propagating, growing, establishing, and maintaining nursery plants and greenhouse crops; tissue culture techniques; designing landscapes; preparing designs; sales analysis and management; participating in personal and community leadership development activities; planning and implementing a relevant work-based learning experience; and participating in FAA activities. Eligible students may be nominated by their teacher to join the National Technical Honor Society.

Horticulture for the Workplace 1
565200CW
Grades: 11 – 12
1 unit
Prerequisite: None
This course includes organized subject matter and practical experiences related to the culture of plants used principally for ornamental or aesthetic purposes. Instruction emphasizes knowledge and understanding of the importance of establishing, maintaining, and managing ornamental horticulture enterprises.

ARCHITECTURE AND CONSTRUCTION

Architecture and construction courses can introduce students to the construction industry and related career fields in construction management, architecture, building construction inspection, and planning and design.

Introduction to Construction
600100CW
Grades: 9-12
1 unit
Prerequisites: None
Introduction to Construction focuses on the foundations of safety in the construction and industrial trades. Students will learn how to identify and follow safe work practices and procedures, and how to properly inspect and use safety equipment. Students will be able to describe the safety practices associated with elevated work; energy release; and various hazards encountered on job sites.

Building Construction Cluster 1
606000CD
Grades: 10-11
2 units
Prerequisites: Algebra 1 with a "C" or better, successfully completed the 9th grade and overall GPA of 2.0 or better. Successfully completed the 9th grade and an overall GPA of 2.0 or better.
Building Construction Cluster 1 is designed to provide students with basic construction skills, safety, math for construction, power tools, basic blueprint reading, and basic rigging. Students will construct floor systems, walls and frames, basic electricity, and dry wall installation. Students that successfully complete this course will receive nationally recognized credentials through the National Center for Construction Education and Research (NCCER). All students are asked to join Skills USA costing approximately $17.00. Special requirement: All students enrolled in this course must provide the instructor verification of medical insurance coverage. Eligible students may be nominated by their teacher to join the National Technical Honor Society.

Building Construction Cluster 2
606100CD
Grades: 11-12
2 units
Prerequisites: Completion of Building Construction Cluster 1 with a "C" or better, instructor recommendation, successfully completed the 10th grade and an overall GPA of 2.0 or better.
Building Construction Cluster 2 is designed to provide students with advanced construction skills, safety math for construction, power tools, basic understanding of Smart Home operations, product installation, system installation, and troubleshooting. Students will be introduced to advanced operation and installation of construction products. Students that successfully

complete this course will receive nationally recognized credentials through the National Center for Construction Education and Research (NCCER). All students are asked to join Skills USA costing approximately $17.00. Eligible students may be nominated by their teacher to join the National Technical Honor Society.

Building Construction Cluster 3
606200CD
Grade: 12
2 units
Prerequisites: Completion of Building Construction Cluster 2 with a "C" or better, instructor recommendation, successfully completed the 11th grade and an overall GPA of 2.0 or better
In this course students will be introduced to all aspects of alternative energy. Students will be introduced to Solar Photovoltaics to include systems and components, electrical and mechanical designs, and system performance and troubleshooting. Students will also learn proper solar installation and maintenance. Students that successfully complete this course will receive nationally recognized credentials through the National Center for Construction Education and Research. All students are asked to join Skills USA costing approximately $17.00. Eligible students may be nominated by their teacher to join the National Technical Honor Society.

Work Based Learning

6690 Architecture and Construction, work-based credit
This is a program which coordinates high school studies with a job in a field related to academic or technical education standards that provides "hands on learning" in the area of student interest with a participating business. A learning contract outlines the expectations of and responsibilities of both parties. The student works regularly during or after school in exchange for the mentor's time in teaching and demonstrating. The work-based experience may be paid or unpaid.

669000CW	**120 Hours**	**1.0 Credit**

ARTS, A/V TECHNOLOGY, AND COMMUNICATIONS

Arts, AV Technology, and Communications skill standards address what a worker needs to know and be able to do and contribute to a safe, productive, and effective work environment.

Media Technology 1
612400CD
Grades: 10-11
2 units
Prerequisites: Algebra 1 with a "C" or better, successfully completed the 9th grade with overall GPA of 2.0 or better
This course will include many "on the job" experiences. Students will be involved in the production of both live and taped news stories. This course includes the creative process of information gathering and the technical aspects of video production along with the delivery of news in a television studio. Students taking this course will explore the general field of communications and will focus primarily on the radio, television, and film-making industries. Students will get hands-on experience in basic production techniques, and they will produce video projects for various purposes and groups. Students will learn how to use digital video cameras as well as editing programs such as Final Cut Pro. When possible students will also take field trips, have guest speakers from the communications industry and shadow professionals in the field. All students are asked to join the student organization Skills USA costing approximately $17.00. Eligible students may be nominated by their teacher to join the National Technical Honor Society.

Media Technology 2
612500CD
Grades: 11-12
2 units
Prerequisites: Completion of Media Technology 1 with a "C" or better, instructor recommendation, successfully completed the 10th grade, and an overall GPA of 2.0 or better
In this course, students will continue to develop their skills as broadcast journalists by writing, directing, producing and editing video pieces of increasing complexity. Second-year students will continue to develop expertise with professional digital video cameras and non-linear editing software. A greater focus will be placed on careers in the communications industry. They will work closely with professionals in the industry and produce professional-level programming or other projects with their help. Second-year students will begin to specialize in one particular area of mass communications, developing a final project in this area as well as pursuing professional relationships with workers in the industry. All students are asked to join Skills USA costing approximately $17.00. Eligible students may be nominated by their teacher to join the National Technical Honor Society.

Media Technology 3
612600CD
Grade: 12
2 units
Prerequisites: Media Technology 2 with a "B" or better; Instructor recommendation
This course is designed for certification of Unmanned Aerial Vehicle Operator training and includes the essential topics of safety/liability considerations, operational risk management, GPS and navigational topics, preflight operations, manual and automatic flight, and emergency procedures and equipment malfunctions. Each of these topics include first-hand investigation via extensive equipment use, research, and inquiry. All students in this class are expected to participate in all class activities. Grade evaluation is

based on participation, demonstration of skills, a portfolio including multiple reports with a complete log of flight and simulator time, a midterm, and a comprehensive final. Students will be required to use their talents to perform service projects within the school, with optional projects within the community. All students are asked to join Skills USA costing approximately $17.00. Eligible students may be nominated by their teacher to join the National Technical Honor Society.

Work Based Learning

5290 Arts, Audio-Video Technology, and Communications, work-based credit
This is a program which coordinates high school studies with a job in a field related to academic or technical education standards that provides "hands on learning" in the area of student interest with a participating business. A learning contract outlines the expectations of and responsibilities of both parties. The student works regularly during or after school in exchange for the mentor's time in teaching and demonstrating. The work-based experience may be paid or unpaid.

529000CW	**120 Hours**	**1.0 Credit**

BUSINESS, MANAGEMENT, AND ADMINISTRATION

People with business skills are the ones that make the deals that build profitable companies that power the global economy.

Administrative Support Technology
512200CW
Grades: 9-12
1 unit
Prerequisite: None
This course is designed to provide an overview of the major responsibilities and tasks in an administrative support position. The objectives of the course are to enhance technology and communication skills; solve business-oriented problems; manage processes and procedures of organizations; and demonstrate effective supervisory, management, and human relations skills.

Integrated Business Applications 1
502000CW
Grades: 9 - 12
1 unit
Prerequisite: None
This course is designed to teach students software applications that are necessary to live and work in a technological society. The applications covered include word processing, database, spreadsheet, and presentation. Other content areas may include computer hardware, terminology, and concepts. All students are encouraged to join Future Business Leaders of America (FBLA). (Will NOT count toward Computer Science graduation requirement beginning in 2019-2020.)

HEALTH SCIENCE EDUCATION

Health Science Education is a secondary program of study that promotes health career opportunities to students in grades 9-12. After the completion of certain courses, students can earn credits through the work-based program. Work-based numbers for these courses are listed at the end of this section. Students can seek approval and assistance with this program from their counselor.

Health Science 1
555000CD
Grades: 9-12
2 units
Prerequisite: None
Health Science 1 is the first offered to students interested in pursuing a career in the healthcare field. During this first course students are introduced to healthcare history, careers, law and ethics, cultural diversity, healthcare language and math, infection control, professionalism, communication, basics of the organization of healthcare facilities, and types of healthcare insurance. Students get a good grasp of where healthcare 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. All students must provide verification of medical insurance coverage or purchase schools accident insurance. All students will need at least 1 uniform with designated program shoes and a watch with a second hand. All students must be up-to-date including mumps, measles, and rubella (MMR). Other vaccinations such as diphtheria and tetanus may also be required. Students will adhere to program requirements for training site agreements. All students are strongly encouraged to join Health Occupations Students of America (HOSA). Eligible students may be nominated by their teachers to join the National Technical Honor Society.

Health Science 2
555100CW/555100CD
Grades: 10-12
1 unit/2 unit
Prerequisite: Successful completion of Health Science 1 or Medical Terminology
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 about the stages of life and **Maslow's Hierarchy** of needs. 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 be certified in **First Aid and CPR** in this course. All students must provide verification of medical insurance coverage or purchase schools accident insurance. All students will need at least 1 uniform with designated program shoes and a watch with a second hand. All students must be up-to-date including mumps, measles, and rubella (MMR). Other vaccinations such as diphtheria and tetanus may also be required. Prior to work-based experiences, students must have a TB skin test and Hepatitis B injection. Students will adhere to program requirements for training site agreements. All students are strongly encouraged to join Health Occupations Students of America (HOSA). Eligible students may be nominated by their teachers to join the National Technical Honor Society.

Health Science 3
555200CW/555200CD
Grades: 10-12
1 unit/2 units
Prerequisites: Health Science 1 or Sports Medicine 1. Students are recommended to be First Aid and CPR certified prior to this course. Students should be familiar with general medical terminology as well as technical skills associated with vital signs. (Skills learned in HS2 or SM1). Health Science 3 acquaints students with basic anatomy and physiology of the human body. Students learn how the human body is structured and the function of each of the 12 body systems. Students will study the relationship that the body systems have with disease from the healthcare point of view. This is a very "hands-on" course and students will learn through projects and activities in the classroom. Skill procedures and foundation standards are reviewed and integrated throughout the program. Job shadowing is encouraged. This course does not count as a lab science). All students must provide verification of medical insurance coverage or purchase schools accident insurance. All students will need at least 1 uniform with designated program shoes and watch with a second hand. All students must be up-to-date including mumps, measles and rubella (MMR). Other vaccinations such as diphtheria and tetanus may also be required. Prior to work-based experiences, students must have a TB skin test and Hepatitis B injection. Students will adhere to program requirements for training site agreements. All students are strongly encouraged to join Health Occupations Students of America (HOSA). Eligible students may be nominated by their teachers to join the National Technical Honor Society.

Health Science Clinical Study
556000CD
Grade: 12
2 units
Prerequisites: Health Science 1, 2, and 3 (HS 3 may be substituted with the following courses: PLTW Human Body Systems, or Medical Terminology). Please note: Only HS3, Medical Terminology or PLTW HBS will count towards being a completer in the Health Science pathway.
Health Science Clinical Study is a course that guides students to make connections from the classroom to the healthcare industry through work-based learning experiences/activities. This course is designed to provide for further development and application of knowledge and skills common to a wide variety of healthcare professions. The students in this course will build on all information and skills presented in the previous required course foundation standards. The student, teachers and work-based learning coordinators will work together to create opportunities for the students to get the best experience available in the district's geographic region. Students in this course should be First-Aid and CPR certified before participating in any healthcare experience outside of the classroom. Nurse-Aide candidates: 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. For Nurse-Aide programs, students will review all foundation standards in the clinical study program, as well as the addition of the SC Nurse Aide Curriculum found in the training program packet. This course meets all DHHS federal and state requirements for a certified nurse aide program in an approved NA training facility (NA program is optional). All students must provide verification of medical insurance coverage or purchase schools accident insurance. All students will need at least 1 uniform with designated program shoes and a watch with a second hand. All students must be up-to-date including mumps, measles, and rubella (MMR). Other vaccinations such as diphtheria and tetanus may also be required. Prior to clinical internship experience, students must have a TB skin test and Hepatitis B injection. Student personal malpractice liability insurance is required and the cost will be paid by the district. Students will adhere to program requirement for training site agreements.

Work Based Learning

5590 Health Science, work-based credit
This is a program which coordinates high school studies with a job in a field related to academic or technical education standards that provides “hands on learning” in the area of student interest with a participating business. A learning contract outlines the expectations of and responsibilities of both parties. The student works regularly during or after school in exchange for the mentor’s time in teaching and demonstrating. The work-based experience may be paid or unpaid.

559000CW	**120 Hours**	**1.0 Credit**

Sports Medicine 1
555501CD
Grades: 9-12
2 units
Prerequisite: None
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 concept. Students interested in healthcare careers in athletic training, physical therapy, medicine, exercise physiology, nursing, biomechanics, nutrition, psychology, and radiology will benefit from this course. All students enrolled in this course must provide the instructor verification of medical insurance coverage. All students are strongly encouraged to join Health Occupations Students of America (HOSA). Eligible students may be nominated by their teachers to join the National Technical Honor Society.

Sports Medicine 2
555600CW
Grades: 10-12
1 unit
Prerequisites: Students must have successfully completed Sports Medicine 1. Strongly recommend successful completion of Medical Terminology, Health Science 3, or Anatomy and Physiology.
Sports Medicine 2 emphasizes the assessment and rehabilitation of athletic injuries. Subject matter will include discussion of specific conditions and injuries that may be experienced by individuals participating in athletic activities. In addition, the use of appropriate therapeutic modalities and exercise in the care and rehabilitation of injuries will be examined. A review of the body systems will be included 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. All students enrolled in this course must provide the instructor verification of medical insurance coverage. All students are strongly encouraged to join Health Occupations Students of America (HOSA). Eligible students may be nominated by their teachers to join the National Technical Honor Society.

Sports Medicine 3
555700CW
Grade: 12
1 unit
Prerequisites: Students must have successfully completed Sports Medicine 1 & 2. It is strongly recommended that students successfully complete Medical Terminology, Health Science 3, or Anatomy and Physiology prior to this course.
Sports Medicine 3 emphasizes the student’s ability to apply concepts from previous Sports Medicine coursework to real-world situations and scenarios. A priority will be placed on understanding the current research and evidence based practices offering the practice of Sports Medicine professionals. Students will develop policies, procedures, and guidelines based on these aspects, as well as explore detailed treatment and rehabilitation procedures for common athletic injuries. Students are expected to participate in clinical situations either at the school with their athletic department or in an outside clinical setting for real world experience. All students are strongly encouraged to join Health Occupations Students of America (HOSA). Eligible students may be nominated by their teachers to join the National Technical Honor Society.

Work Based Learning

5591 Sports Medicine, work-based credit
This is a program which coordinates high school studies with a job in a field related to academic or technical education standards that provides “hands on learning” in the area of student interest with a participating business. A learning contract outlines the expectations of and responsibilities of both parties. The student works regularly during or after school in exchange for the mentor’s time in teaching and demonstrating. The work-based experience may be paid or unpaid.

559100CW	**120 Hours**	**1.0 Credit**

HOSPITALITY AND TOURISM

Hospitality and Tourism is designed to prepare students for entry-level employment in the travel and tourism industry.

Introduction Culinary Arts Management
572201CW
Grades: 9-12
1 unit
Prerequisite: None
In this course, students begin to learn about the art of cooking. Whether your career goal is to become a chef

on a cruise liner, cater elaborate functions, own a restaurant, run a country club, or just be a part of the food and beverage services industry, the opportunities are endless. The course content of this program includes work ethics; safety; sanitation; the use and care of commercial equipment; the use and care of utensils and tools; customer service duties; menu planning; food preparation; job seeking; and job keeping skills. This is an introductory course designed to give students a chance to explore Culinary Management as a career choice. Students are strongly encouraged to join the student organization Family, Career, and Community Leaders of America (FCCLA). Eligible students may be nominated by their instructor to join the National Technical Honor Society.

Culinary Arts Management 1
572000CD
Grades: 10-11
2 units
Prerequisites: GPA of 2.0 or better; Interviewed by the Instructor
This course prepares students for gainful employment and/or entry into postsecondary education in the food production and service industry. Content provides students the opportunity to acquire marketable skills by examining both the industry and its career opportunities. Laboratory experiences simulate commercial food production and service operations. Students will begin a two-year program called ProStart sponsored by the National Restaurant Association. This program includes the industry-driven curriculum designed by The Educational Foundation of the National Restaurant Association to teach, test and award industry recognized certificates to students meeting high standards in hospitality education and articulation with various culinary institutes. Students who complete the requirements of the two-year Pro-Start program are awarded an industry-recognized certificate. This is the ProStart National Certificate of Achievement. To earn the certificate, students must pass two national exams, demonstrate a mastery of foundational skills and work 400 mentored hours. Students volunteer for 200 hours and acquire 200 hours of paid employment. Students may begin earning these hours upon enrollment in this class. All students must provide the instructor with proof of medical coverage. Students are required to be in full uniform (chef coat, pants, apron and hat) during labs. Students are strongly encouraged to join the student organization Family, Career, and Community Leaders of America (FCCLA). Eligible students may be nominated by their instructor to join the National Technical Honor Society.

Culinary Management 2
572100CD
Grades: 11-12
2 units
Prerequisites: Successfully completed Culinary Management 1 with a "C+" average or better; Instructor recommendation
This course is a continuation of Culinary Management 1. Students will complete the two-year Pro-Start program. This program includes the industry driven curriculum designed by The Educational Foundation of the National Restaurant Association to teach, test and award industry recognized certificates to students meeting high standards in hospitality education and articulation with various culinary institutes. Students who complete the requirements of the two-year Pro-Start program are awarded an industry-recognized certificate. This is the ProStart National Certificate of Achievement. To earn the certificate, students must pass two national exams, demonstrate a mastery of foundational skills and work 400 mentored hours. Students volunteer for 200 hours and acquire 200 hours of paid employment. All students must provide the instructor with proof of medical coverage. Students are required to be in full uniform during labs. Students are strongly encouraged to join the student organization Family, Career, and Community Leaders of America (FCCLA). Eligible students may be nominated by their instructor to join the National Technical Honor Society.

Introduction to Hospitality and Tourism Management
547800CW
Grades: 11 – 12
1 unit
Prerequisite: None
This course focuses on foundational information about the hospitality and tourism industry and provides opportunities for students to get a taste of what hospitality and tourism is all about. Course content includes the following: 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.

Work Based Learning

5190 Hospitality and Tourism, work-based credit
This is a program which coordinates high school studies with a job in a field related to academic or technical education standards that provides "hands on learning" in the area of student interest with a participating business. A learning contract outlines the expectations of and responsibilities of both parties. The student works regularly during or after school in exchange for the mentor's time in teaching and demonstrating. The work-based experience may be paid or unpaid.

519000CW	**120 Hours**	**1.0 Credit**

HUMAN SERVICES

Majors within the Human Services cluster are designed to prepare students for entry-level employment in areas related to planning, managing, providing, and supporting human services such as child care services and food science technology and nutrition.

Barber/Master Hair Care 1
615800CD
Grade: 11
2 units
Prerequisites: GPA of 2.5 or better; Interviewed by the Instructor
Special Requirement: Students must receive a tuberculin skin test or chest x-ray documented with negative results and must complete an application for a student permit including a $35.00 application fee prior to enrolling in the program. The Master Hair Care Specialist Program is designed to prepare students to become Registered Barbers or Master Hair Care Specialists. This is a two year completion program. Students will perform techniques and arts such as hair cutting and styling, facial treatments, trimming and shaving of facial hair, chemical hair relaxing, tinting, coloring, shampooing, and rinsing. Students will be encouraged to join the student organization Skills USA. Eligible students may be nominated by their Instructor to join the National Technical Honor Society. All students must provide the Instructor with proof of medical coverage. Students are required to pay a one-time fee of $150.00 to cover the cost of workbooks, exam reviews, uniforms, consumable items and the use of a district-owned kit. Students have the option to purchase their own personal kit for an additional cost if desired. Please consult with your instructor for payment details if you wish to purchase a kit. Fees are nonrefundable.

Barber/Master Hair Care 2
615900CD
Grade: 11
2 units
Prerequisites: Successfully completed Barber/ Master Hair Care 1 with a "C+" average or better; required hours; Instructor recommendation
This course is a continuation of Barber/Master Hair Care 1. Upon the successful completion of all four levels, students who have earned 1500 contact hours of instruction in theory and practical skills may sit for the South Carolina Board of Barber Examiners Licensure Examination. Students will be encouraged to join the student organization Skills USA. Eligible students may be nominated by their Instructor to join the National Technical Honor Society. All students must provide the Instructor with proof of medical coverage.

Barber/Master Hair Care 3
616000CD
Grade: 12
2 units
Prerequisites: Successfully completed Barber/Master Hair Care 2 with a "C+" average or better; required hours; Instructor recommendation
This course is a continuation of Barber/Master Hair Care 2. Upon the successful completion of all four levels, students who have earned 1500 contact hours of instruction in theory and practical skills may sit for the South Carolina Board of Barber Examiners Licensure Examination. Students will be encouraged to join the student organization Skills USA. Eligible students may be nominated by their Instructor to join the National Technical Honor Society. All students must provide the Instructor with proof of medical coverage. Students practice and prepare for the theory and practical portions for the South Carolina Board of Barber Examiners Licensure Examination.

Barber/Master Hair Care 4
616100CD
Grade: 12
2 units
Prerequisites: Successfully completed Barber/ Master Hair Care 3 with a "C+" average or better, required hours; Instructor recommendation
This course is a continuation of Barber/Master Hair Care 3. Upon the successful completion of all four levels, students who have earned 1500 contact hours of instruction in theory and practical skills may sit for the South Carolina Board of Barber Examiners Licensure Examination. Students will be encouraged to join the student organization Skills USA. Eligible students may be nominated by their Instructor to join the National Technical Honor Society. All students must provide the Instructor with proof of medical coverage.

Cosmetology 1
615000CD
Grade: 11
2 units
Prerequisites: GPA of 2.0 or better; Interviewed by the Instructor
The Cosmetology Program is designed to prepare students to qualify for the state cosmetology licensure examination. This is a two-year completion program. Students will receive training in the art and science of the care and beautification of hair, skin, and nails. The course of study includes scalp treatments, hair setting, hair styling, hair shaping, hair waving, hair relaxing, hair coloring, hair lightening, shampooing and rinses. Care of skin and nails includes manicuring, pedicuring, massage, facials, makeup application, and hair removal. Instruction in chemistry, bacteriology, anatomy and physiology of the face, head, hands, arms, and legs is incorporated by means of theory and practical application on mannequins and clients. Also included in the course of study is salon planning and management. Applicants must be at least 16 years old and have

completed the 10th grade. Students will be encouraged to participate in the student organization Skills USA. Eligible students may be nominated by their Instructor to join the National Technical Honor Society. All students must provide the Instructor with proof of medical coverage. Students are required to pay a one-time fee of $150.00 to cover the cost of workbooks, exam reviews, uniforms, consumable items and the use of a district-owned kit. Students have the option to purchase their own personal kit for an additional cost if desired. Please consult with your instructor for payment details if you wish to purchase a kit. Fees are non-refundable.

Cosmetology 2
615100CD
Grade: 11
2 units
Prerequisites: Successfully completed Cosmetology 1 with a "C+" average or better; required hours; Instructor recommendation
This course is a continuation of Cosmetology 1. Students will be encouraged to participate in the student organization Skills USA. Eligible students may be nominated by their Instructor to join the National Technical Honor Society. All students must provide the Instructor with proof of medical coverage.

Cosmetology 3
615200CD
Grade: 12
2 units
Prerequisites: Successfully completed Cosmetology 2 with a "C+" average or better; required hours; Instructor recommendation
This course is a continuation of Cosmetology 2. Upon the successful completion of this program, students who have earned 1500 hours of instruction in theory and practical skills may sit for the South Carolina Board of Cosmetology Licensure Examination. Students will be encouraged to participate in the student organization Skills USA. Eligible students may be nominated by their Instructor to join the National Technical Honor Society. All students must provide the Instructor with proof of medical coverage. Students practice and prepare for the theory and practical portions for the South Carolina Board of Cosmetology Licensure Examination.

Cosmetology 4
615300CD
Grade: 12
2 units
Prerequisites: Successfully completed Cosmetology 3 with a "C+" average or better; required hours; Instructor recommendation
This course is a continuation of Cosmetology 3. Upon the successful completion of this program, students who have earned 1500 hours of instruction in theory and practical skills may sit for the South Carolina Board of Cosmetology Licensure Examination. Students will be encouraged to participate in the student organization Skills USA. Eligible students may be nominated by their Instructor to join the National Technical Honor Society. All students must provide the Instructor with proof of medical coverage.

Family and Consumer Sciences 1
580800CW
Grades: 9-12
1 unit
Prerequisite: None
Family and Consumer Sciences 1 is a comprehensive course designed to provide students with the core knowledge and skills needed to manage their lives. Course projects incorporate higher order thinking, communication, and leadership skills that can be applied to real life situations immediately. Topics include: interpersonal relationships, human development, family well-being, careers, family and consumer resources, and nutrition and wellness. Students are strongly encouraged to participate in the student organization Family Careers, and Community Leaders of America (FCCLA). Eligible students may be nominated by their instructor to join the National Technical Honor Society.

Work Based Learning

5790 Human Services, work-based credit
This is a program which coordinates high school studies with a job in a field related to academic or technical education standards that provides "hands on learning" in the area of student interest with a participating business. A learning contract outlines the expectations of and responsibilities of both parties. The student works regularly during or after school in exchange for the mentor's time in teaching and demonstrating. The work-based experience may be paid or unpaid.

579000CW	**120 Hours**	**1.0 Credit**

INFORMATION TECHNOLOGY

Information Technology careers involves the design, development, support, and management of hardware, software, multimedia and systems integration services.

Discovering Computer Science
506100CW
Grades: 9-12
1 unit
Prerequisite: None
Discovering Computer Science students will be exposed to introductory computer science topics with an emphasis on computational thinking and problem solving. Students will be empowered to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun. Students will create their own websites, apps, and games. This survey course will expose students to introductory computer science topics with an emphasis on computational thinking and problem solving applied to a variety of contexts. Students will be empowered to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun. This course is not included in any CATE completer

pathway. *Counts as Computer Science graduation requirement.*

Networking Fundamentals
531000CD
Grades: 10-12
2 units
Prerequisites: Algebra 1 or equivalent, overall GPA of 2.0 or higher
Networking is designed to provide students with classroom and laboratory experience in current and emerging networking technologies. Upon successful completion of these courses, students will be able to seek employment or further their education and training in the information technology field. The networking student will benefit most from the curriculum if he or she possesses a strong background in reading, math, and problem-solving skills. Instruction includes networking media topologies, network operating systems, models and protocols, codes and standards, addressing, diagnostics, routing, WAN services, network security, and leadership skills. In addition, instruction and training are provided in 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 found in math and communication programs. All students enrolled in this course must provide the instructor with verification of medical insurance coverage. All students are encouraged to join Skills USA. *Counts as Computer Science graduation requirement.*

Advanced Networking
531100HD
Grades: 11-12
2 units
Prerequisites: Networking Fundamentals with a "C" or better and instructor recommendation
Networking is designed to provide students with classroom and laboratory experience in current and emerging networking technologies. Upon successful completion of these courses, students will be able to seek employment or further their education and training in the information technology field. The networking student will benefit most from the curriculum if he or she possesses a strong background in reading, math, and problem solving skills. Instruction includes networking media topologies, network operating systems, models and protocols, codes and standards, addressing, diagnostics, routing, WAN services, network security, and leadership skills. In addition, instruction and training are provided in 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 found in math and communication programs. All students enrolled in this course must provide the instructor with verification of medical insurance coverage. All students are encouraged to join Skills USA. *Counts as Computer Science graduation requirement.*

Work Based Learning

5390 Information Technology, work-based credit
This is a program which coordinates high school studies with a job in a field related to academic or technical education standards that provides "hands on learning" in the area of student interest with a participating business. A learning contract outlines the expectations of and responsibilities of both parties. The student works regularly during or after school in exchange for the mentor's time in teaching and demonstrating. The work-based experience may be paid or unpaid.

539000CW	**120 Hours**	**1.0 Credit**

MANUFACTURING

Many Manufacturing jobs are so specialized, they require high levels of skills and training. Manufacturing is a highly competitive industry that continues to grow in South Carolina.

Introduction/Intermediate Manufacturing Technology
604500CW
Grades: 11 – 12
1 unit
Prerequisite: None
Introduction to Manufacturing Technology is an entry-level course that provides students an introduction to manufacturing industries and may be used as a prerequisite for any of the manufacturing career majors: Electronics Technology, Machine Technology, Mechatronics Integrated Technologies, Metal Fabrication, and Welding.

Mechatronics – Electrical Components/Industrial Safety
621000CD
Grades: 10-11
2 units
Prerequisites: Algebra 1, Application Process, and Overall GPA of "C" or better
Mechatronics is an interdisciplinary field involving mechanical, instrumentation, electronics, robotics/automation, computer components, and control systems. This program prepares students who like to work with their hands as well as their minds. Mechatronics is a dynamic field that changes daily with the rapid improvements in technology and computer systems. Systems are networked to meet the demands of automated manufacturing processes, and technicians are trained to meet necessary entry-level industrial skills and entry into a postsecondary program at a technical college. Level I provides skill training in the areas of industrial safety, hand and power tools, basic hydraulic and pneumatic operations, and manufacturing processes and production. Shop safety is emphasized and enforced. This course is not a hobby or career search course; this course is designed for students who want to pursue a career in the industrial maintenance field. All

students that successfully complete this course with a "C+" or better are eligible to proceed to the next course in the three-course sequence. Special requirements: All students enrolled in this course must provide the instructor with verification of medical insurance coverage. All students are asked to join Skills USA costing approximately $17.00. Students must purchase a set of work clothes costing approximately $25.00. All students must purchase a pair of steel toe shoes or boots costing approximately $30.00.

Welding Technology 1
634000CD
Grades: 10-11
2 units
Prerequisites: Algebra 1 or equivalent, overall GPA of 2.0 or higher
This course provides opportunities for students to develop advanced welding skills, to perfect multi-position techniques, and to transform blueprints into realities. They learn to plan, layout, cut and then assemble the final product. Safety is emphasized and students are required to assist in maintaining and accounting for tools and equipment. To become a certified welder, students must successfully complete Levels 1 & 2 Special Requirements: All students enrolled in this course must provide the instructor with verification of medical insurance coverage. All students are asked to join Skills USA costing approximately $17.00. Students must purchase a pair of welding gloves, safety glasses, and steel toed safety shoes.

Welding Technology 2
634100CD
Grades: 11-12
2 units
Prerequisites: Completion of Welding 1 with a "C" or better and instructor recommendation
Students will learn safety and advanced welding skills In the following processes: Shielded Metal Arc Welding; Gas Tungsten Arc Welding; and Gas Metal Arc Welding, in all positions. This course covers advanced elements of today's major welding and cutting processes, and provides continued safety, occupational orientation, and fabrication. Students will have the opportunity to take the American Welding Society Entry Level Welder certification examination. Special Requirements: All students enrolled in this course must provide the instructor with verification of medical insurance coverage. All students are asked to join Skills USA costing approximately $17.00. Students must purchase a pair of welding gloves, safety glasses, and steel-toed boots.

Welding Technology 3
634201CD
Grade: 12
2 units
Prerequisites: Completion of Level 2 with a "C" or better, instructor recommendation, successfully completed the 11th grade and an overall GPA of 2.5 or better
This course covers advanced pipe welding procedures and qualifications, welding safety measurements, use of hand and power tools, sketching and reading engineering drawings, weld symbol interpretations, plus welding theory for steel, stainless steel, aluminum, and weld quality assurance. Students who complete Aluminum/Fabrication Technology qualifications will be competent welds to national and international industry standards and codes, and be able to exercise a full range of practical welding techniques with steel, aluminum, stainless steel, and pipe welding. Special Requirements: All students enrolled in this course must provide the instructor with verification of medical insurance coverage. All students are asked to join Skills USA costing approximately $17.00. Students must purchase a pair of welding gloves, safety glasses, and steel-toed boots.

Work Based Learning

6490 Manufacturing, work-based credit
This is a program which coordinates high school studies with a job in a field related to academic or technical education standards that provides "hands on learning" in the area of student interest with a participating business. A learning contract outlines the expectations of and responsibilities of both parties. The student works regularly during or after school in exchange for the mentor's time in teaching and demonstrating. The work-based experience may be paid or unpaid.

649000CW	**120 Hours**	**1.0 Credit**

MARKETING

The Marketing cluster includes courses and/or programs related to planning, managing, and performing wholesaling and retailing services and related marketing and distribution support services including merchandise/product management and promotion. In the marketing communications pathway, students learn skills necessary to identify and impact opinions on given products or services. Career opportunities for this area allow individuals to inform, remind, and/or persuade a target market of ideas, experiences, goods/services, and/or images.

Marketing
542101CW
Grade: 9-12
1 unit
Prerequisite: None
This course introduces marketing concepts and examines economic, marketing, and business fundamentals, in addition to the marketing functions of selling, promotion, pricing, and distribution. Students explore the needs of the local business community. This is the fundamental course in the marketing curriculum and should be taken before specialized marketing courses.

Digital Media Marketing
542200CW
Grades: 11 – 12
1 unit
Prerequisite: None
This course examines all aspects of advertising and digital media marketing. Students will creatively plan, design, and develop an advertising campaign for a product or service using real-world applications and considerations. Students will integrate technology commonly used in the advertising industry.

TRANSPORTATION, DISTRIBUTION, AND LOGISTICS

The Transportation, Distribution, and Logistics Cluster incorporate career opportunities in all aspects of Automotive Collision, Automotive Technology, Diesel Technology, Small Engine Technology, Warehousing, Material Handling, and Distribution and Logistics.

Automotive Technology 1
603010CD
Grades: 10-11
2 units
Prerequisites: Application Process, Algebra 1 or equivalent, overall GPA of 2.0 or higher
This course is designed to introduce the student to automotive shop safety and operation, specialty tools and measuring instruments, electrical and electronic systems, brakes, steering and suspension, engine performance, heating and air conditioning, automatic and manual drive trains. Shop safety is emphasized and stressed. This course is not a hobby or career search course; this course is designed for students who want to pursue a career in the automotive technology industry. All students that successfully complete this course with a "C" or better are eligible to become entry level apprentice technicians. Special requirements: All students enrolled in this course must provide the instructor with verification of medical insurance coverage. All students are asked to join Skills USA costing approximately $17.00. Students must purchase a pair of coveralls costing approximately $25.00. Requirements for AYES internship: Student must successfully complete all three courses.

Automotive Technology 2
603110CD
Grades: 11-12
2 units
Prerequisites: Automotive and Motorsports Technology 1 with a "C" or better and teacher recommendation
Automotive and Motorsports Technology 2 is a specific course designed to teach the principals of electricity and electronics as they apply to the automotive systems. This course builds on the essential concepts of measurement of electrical parameters such as voltage, current, resistance, power, magnetism, electromagnetism, and magnetic induction. Students will learn the concept of OHM's law in both application and mathematical theory. Detailed topics include the use of a digital multi-meter for the analysis of series, parallel, and series parallel circuits. Course content also includes communication, design/problem solving, customer relations, technical writing, computer science, blueprints and diagrams, and teamwork. Lab projects are focused on the systems of engineering, science and technology, and on computer applications that apply to automotive diagnosis and service. Actual repair work is incorporated into each student's learning experience under the close supervision of an ASE certified instructor. Shop safety is emphasized and stressed. This course is not a hobby or career search course; this course is designed for students who want to pursue a career in the automotive technology industry. All competencies and components of this course comply with the National Automotive Technician Education Foundation (NATEF), Automotive Service Excellence (ASE). Automotive Youth Educational Systems (AYES), and the standards set forth by the State Department of Education. All students enrolled in this program must provide the instructor with verification of medical insurance coverage. It is recommended that all students join the student organization, Skills- USA. Requirements for AYES internship: Student must successfully complete all three courses.

Automotive Technology 3
603210CD
Grade: 12
2 units
Prerequisites: Automotive and Motorsports Technology 2 with a "C" or better and teacher recommendation
Automotive and Motorsports Technology 3 consist of the NATEF/ASE Brakes course and the NATEF/ASE Suspension and Steering course. Course content also includes communication, design/problem solving, customer relations, technical writing, computer science, blueprints and diagrams, and teamwork. Lab projects are focused on the systems of engineering, science and technology, and on computer applications that apply to automotive diagnosis and services. Actual repair work is incorporated into each student's learning experience under the close supervision of an ASE certified instructor. Shop safety is emphasized and stressed. This

course is not a hobby or career search course; this course is designed for students who want to pursue a career in the automotive technology industry. All competencies and components of this course comply with the National Automotive Technician Education Foundation (NATEF), Automotive Service Excellence (ASE), Automotive Youth Educational Systems (AYES), and the standards set forth by the State Department of Education. All students enrolled in this program must provide the instructor with verification of medical insurance coverage. It is recommended that all students join the student organization, Skills-USA. Requirements for AYES internship: Student must successfully complete all three courses.

Diesel Engine Technology 1
631000CD
Grade: 10
2 units
Prerequisites: Application process, Algebra 1 or equivalent, overall GPA of 2.0 or higher
Diesel Technology 1 is the first course of three. In this course students learn nomenclature and use of typical technician hand tools and gauges. They learn how to accurately measure critical engine parts. They learn the function of engine components and principles of operation of a medium duty inline six cylinder engine. They learn how to safely disassemble measure and inspect critical engine wear parts, reassemble, start, and monitor running engine performance parameters. Students will learn truck preventative maintenance tasks as well as exposure to all other technical areas of the vehicle. Students will learn basic principles of Electricity/ Electronic Systems. Shop safety is emphasized and stressed. This course is NOT a hobby or career search course; this course is designed for students who want to pursue a career in the diesel technology industries. All competencies and components of this course comply with the National Automotive Technician Foundation (NATEF), Automotive Service Excellence (ASE), Automotive Youth Education System (AYES), and the standards set forth by the State Department of Education. Special Requirements: All students enrolled in this course must provide the instructor with verification of medical insurance coverage. All students are asked to join Skills USA costing approximately $17.00. Each student is responsible for the purchase and maintenance of their safety shoes.

Diesel Engine Technology 2
631100CD
Grade: 11
2 units
Prerequisites: Diesel Technology 1 with a "C" or better and instructor recommendation
Diesel Technology 2 is the second course of three. In this course students learn the function of engine components and principles of operation of a medium duty V8 diesel engine. They completely disassemble measure and inspect critical engine wear parts, reassemble, start, and monitor running engine performance parameters. Students will learn how to perform engine diagnostics. Students are challenged with more individual lab activities regarding vehicle preventative maintenance, transmission, steering, suspension, and brake systems. Shop safety is emphasized and stressed. This course is NOT a hobby or career search course; this course is designed for students who want to pursue a career in the diesel technology industries. All competencies and components of this course comply with the National Automotive Technician Foundation (NATEF), Automotive Service Excellence (ASE), Automotive Youth Education System (AYES), and the standards set forth by the State Department of Education. Special Requirements: All students enrolled in this course must provide the instructor with verification of medical insurance coverage. All students are asked to join Skills USA costing approximately $17.00. Each student is responsible for the purchase and maintenance of their safety shoes.

Diesel Engine Technology 3
631200CD
Grades: 12
2 units
Prerequisite: Completion of Level 2 with a "C" or better, instructor recommendation, successfully completed the 11th grade and an overall GPA of 2.5 or better.
Diesel Technology 3 is the third course of three. In this course students complete more challenging tasks in areas of transmission and differential overhaul, drive shaft and clutch replacement, component based engine performance and vehicle diagnostics, HVAC maintenance, electrical system, and starting system. During the second semester qualified students supplement academic and technical education with an industry "world of work" experience working as a co-op at a participating company which could lead to opportunities for permanent employment. The remaining students who are not placed in a co-op will focus on power generation and general diesel manufacturing. Content will assist students in their transition into an entry level technical job after graduation. This course is NOT a hobby or career search course; this course is designed for students who want to pursue a career in the diesel technology industries. All competencies and components of this course comply with the National Automotive Technician Foundation (NATEF), Automotive Service Excellence (ASE), Automotive Youth Education System (AYES), and the standards set forth by the State Department of Education. Special Requirements: All students enrolled in this course must provide the instructor with verification of medical insurance coverage. All students are asked to join Skills USA costing approximately $17.00. Each student is responsible for the purchase and maintenance of their safety shoes and coveralls.

Work Based Learning

6790 Transportation, Distribution and Logistics, work-based credit

This is a program which coordinates high school studies with a job in a field related to academic or technical education standards that provides “hands on learning” in the area of student interest with a participating business. A learning contract outlines the expectations of and responsibilities of both parties. The student works regularly during or after school in exchange for the mentor’s time in teaching and demonstrating. The work-based experience may be paid or unpaid.

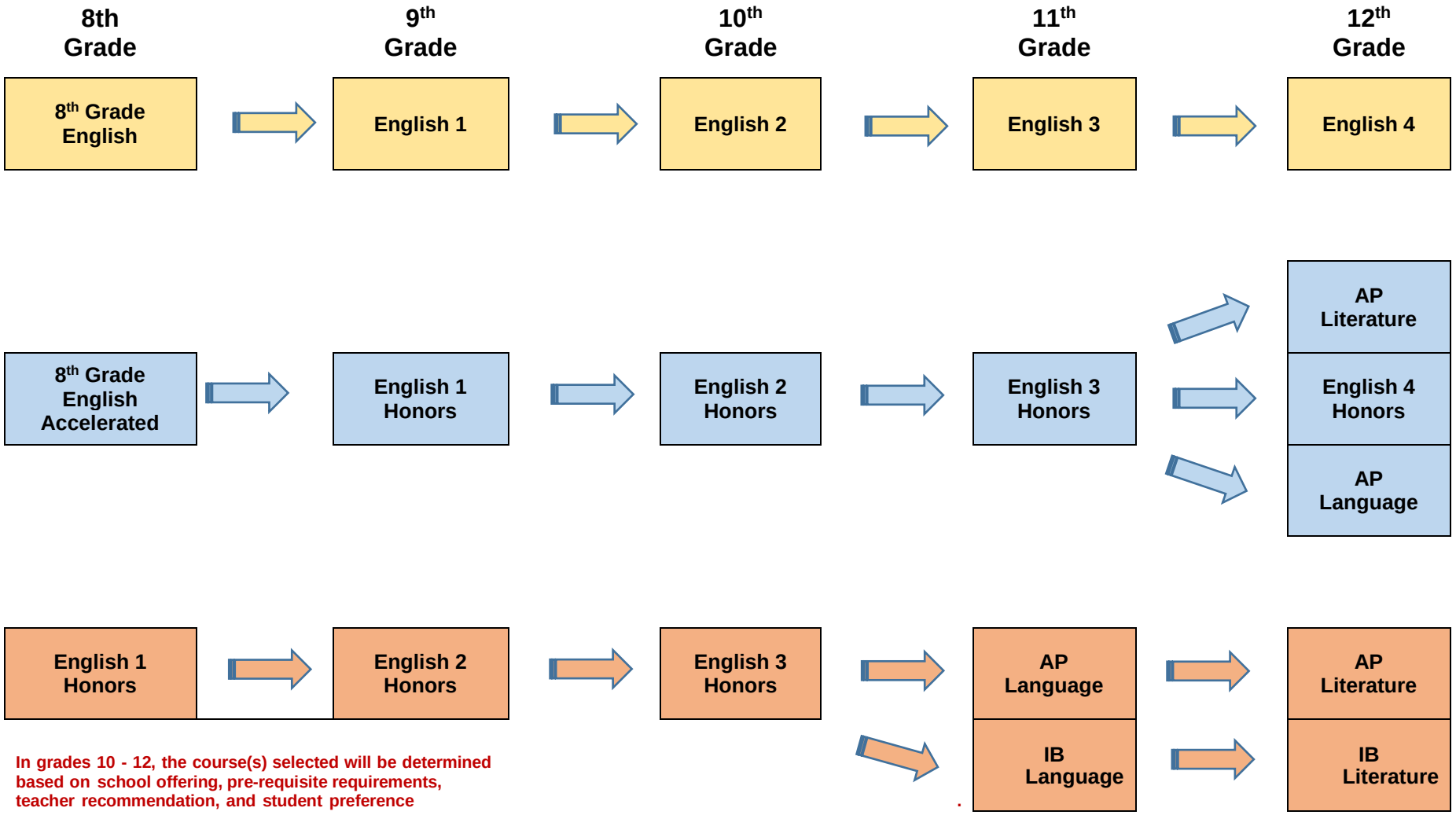
679000CW	**120 Hours**	**1.0 Credit**

VICTORY Works
4 units
Grades: 12th Plus
Course Numbers:

59010709
59020709
59030709
59040709
59050709
59060709
59070709
59120709
59130709
59140709

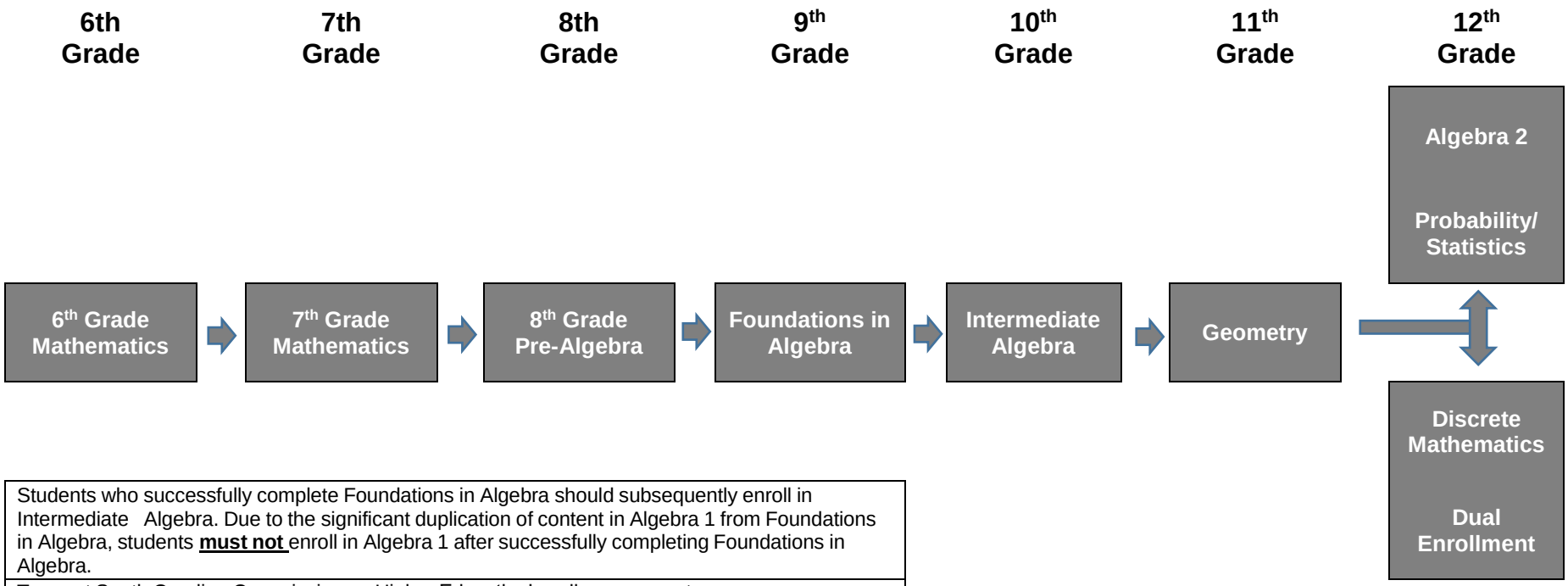
VICTORY Works serves students between the ages of 18 and 21 and prepares them for successful transition from school to post-school activities. The program goals include: development of independent living skills; educational opportunities in the school and community; job-training activities in the school and community; and individual work experiences as appropriate. Safety will be stressed in all activities of the program.

English Progression Chart



In grades 10 - 12, the course(s) selected will be determined based on school offering, pre-requisite requirements, teacher recommendation, and student preference

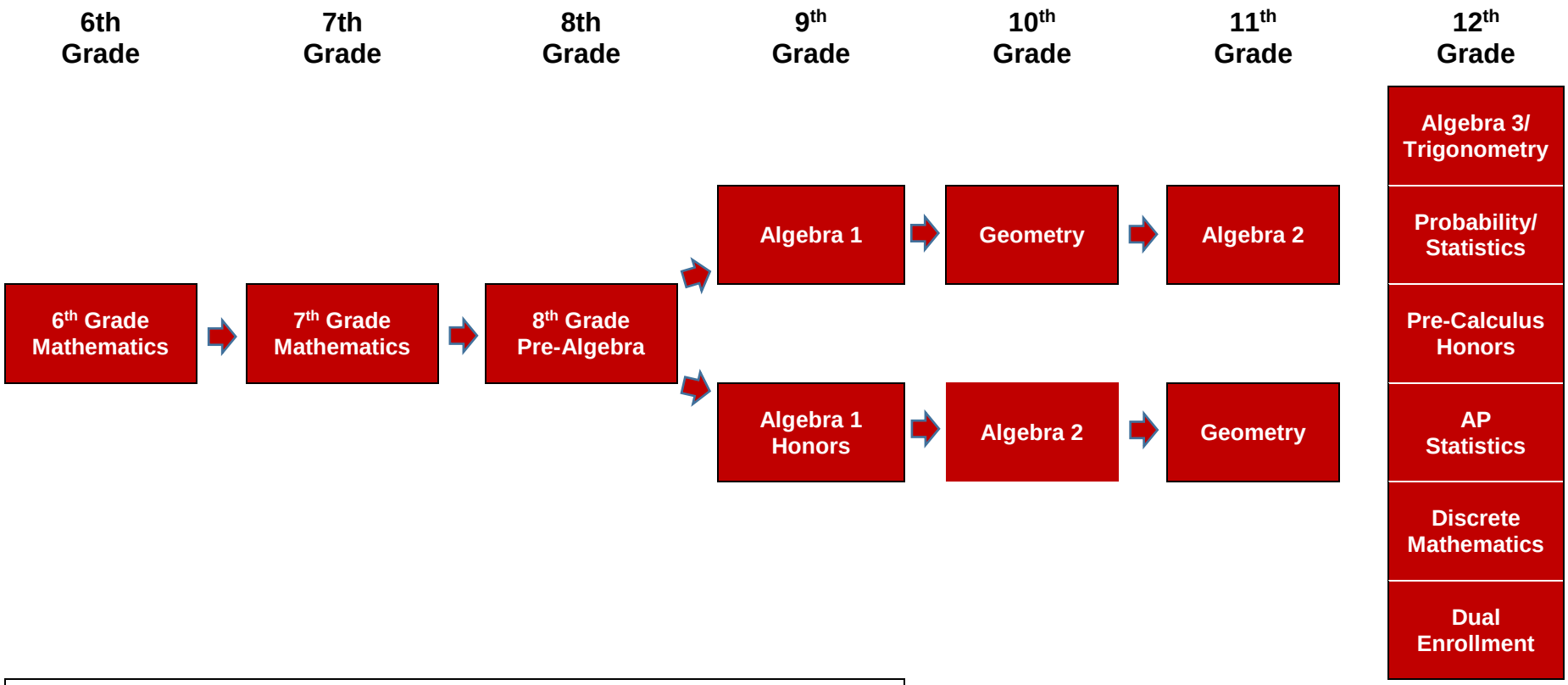
Mathematics Progression Chart: Foundations Pathway



Students who successfully complete Foundations in Algebra should subsequently enroll in Intermediate Algebra. Due to the significant duplication of content in Algebra 1 from Foundations in Algebra, students **must not** enroll in Algebra 1 after successfully completing Foundations in Algebra.
To meet South Carolina Commission on Higher Education's college preparatory course prerequisite requirements, college freshmen entering a four-year public institution of higher education **during or after the 2019 – 20** academic school year must successfully complete Algebra 1, Algebra 2, Geometry, and an additional mathematics course above the Algebra 2 level. Foundations in Algebra and Intermediate Algebra may count together as a substitute for Algebra 1 if a student successfully completes Algebra 2. (See www.che.sc.gov for more information.)
Students must take the state-mandated Algebra 1 End-of-Course assessment (Algebra 1 EOCEP) administered at the completion of Intermediate Algebra.

In grades 10 - 12, the course(s) selected will be determined based on school offering, pre-requisite requirements, teacher recommendation, and student preference.

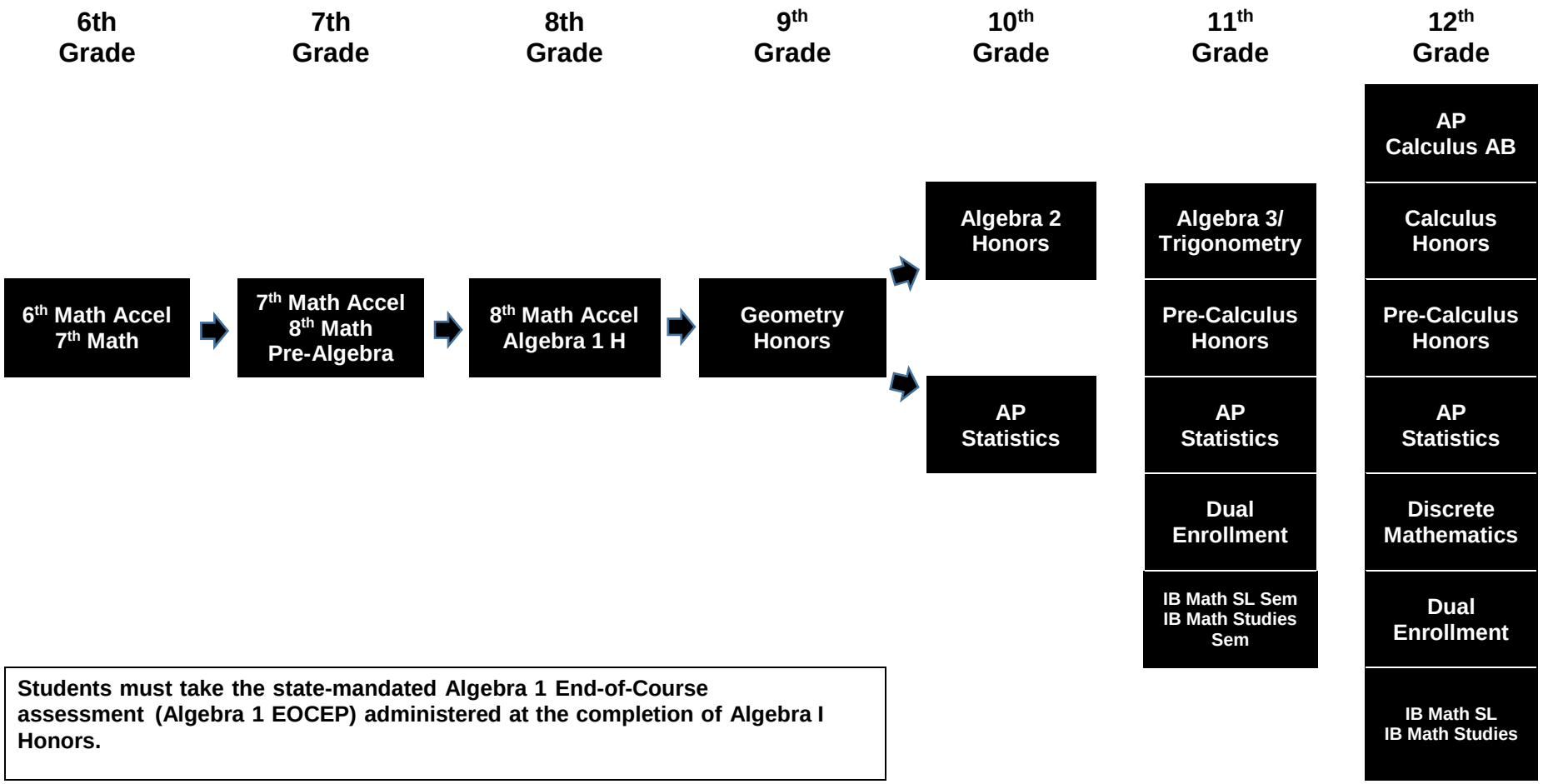
Mathematics Progression Chart: Traditional Pathway



Students must take the state-mandated Algebra 1 End-of-Course assessment (Algebra 1 EOCEP) administered at the completion of Algebra 1.

In grades 10 - 12, the course(s) selected will be determined based on school offering, pre-requisite requirements, teacher recommendation, and student preference.

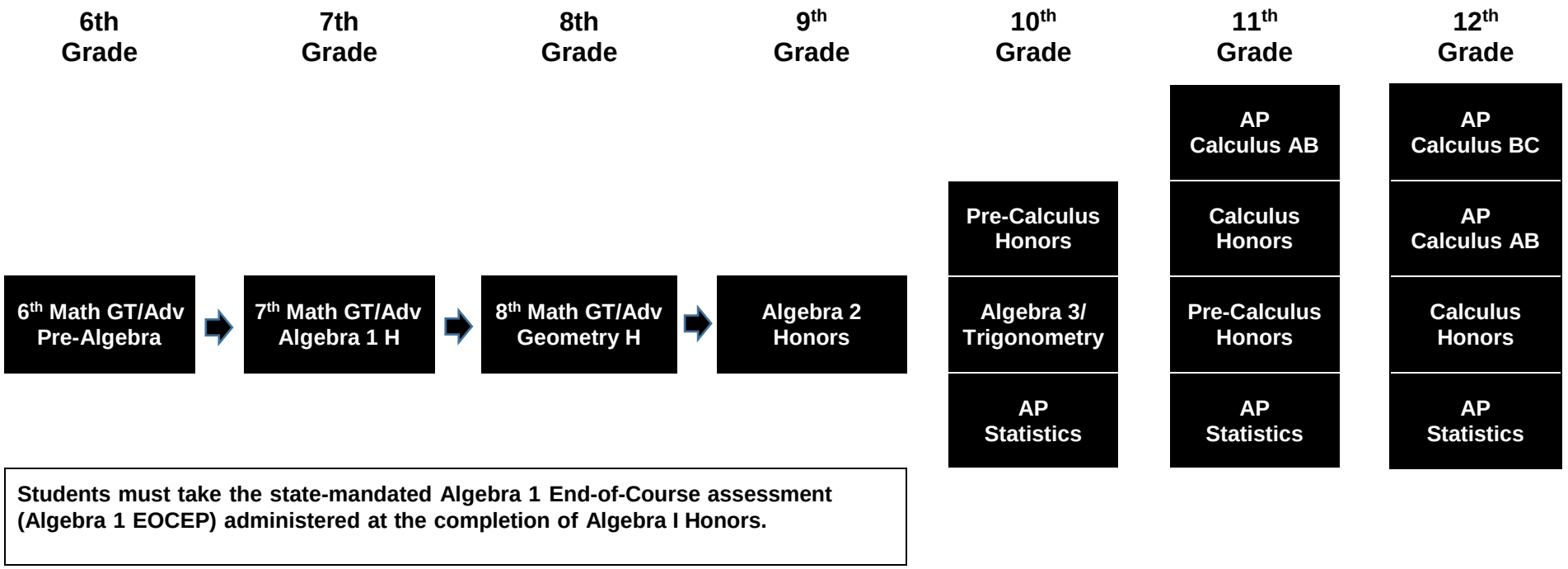
Mathematics Progression Chart: Honors Pathway



Students must take the state-mandated Algebra 1 End-of-Course assessment (Algebra 1 EOCEP) administered at the completion of Algebra I Honors.

In grades 10 - 12, the course(s) selected will be determined based on school offering, pre-requisite requirements, teacher recommendation, and student preference.

Mathematics Progression Chart: Gifted/Advanced Pathway



Students must take the state-mandated Algebra 1 End-of-Course assessment (Algebra 1 EOCEP) administered at the completion of Algebra I Honors.

In grades 10 - 12, the course(s) selected will be determined based on school offering, pre-requisite requirements, teacher recommendation, and student preference.

Science Progression Chart

9th Grade	10th Grade	11th Grade	12th Grade
Biology 1 Honors	**Chemistry 1 Honors** Anatomy & Physiology Honors AP Environmental Science Earth Science Honors Scientific Research	**Physics 1 Honors** Anatomy & Physiology Honors Chemistry 2 Honors Earth Science Honors Marine Science Honors Research 1 AP Biology AP Chemistry AP Environmental Science AP Physics	**Earth Science Honors** Marine Science Honors Research 1 Research 2 AP Biology AP Chemistry AP Environmental Science AP Physics 1 AP Physics 2 AP Physics C IB Biology SL IB Chemistry SL
Physical Science	**Biology 1**	**Chemistry 1** Anatomy & Physiology Astronomy Earth Science Environmental Studies Forensic Science Marine Science AP Environmental Science	**Physics 1** Astronomy Anatomy & Physiology Chemistry 2 Earth Science Environmental Studies Forensic Studies Marine Science

- Recommended core science course sequence in bold.
- Check college web sites for Science course requirements.
- A South Carolina End-of-Course Evaluation Program test in Biology will be administered based on SC Science Standards. To receive a South Carolina High School Diploma, students must pass Biology.
- Students may take any course listed under the bold course if the prerequisites have been met.
- The South Carolina Commission on Higher Education requires the students receive three laboratory science credits for admission to a four-year college or university. Courses in general or introductory science (i.e. physical science, astronomy) for which one of those four units is not a prerequisite will not meet this requirement.
- Students may enroll in more than one science course per semester/academic year.

Social Studies Progression Chart

9th Grade	10th Grade	11th Grade	12th Grade
World Geography Honors or Human Geography AP	Human Geography AP or World History AP or European History AP	US History and Constitution AP	Economics Honors or Macroeconomics AP and Government Honors or US Government AP
World Geography CP	World History CP	US History and Constitution CP	US Government CP and Economics CP
World Geography Honors	World History Honors	US History and Constitution Honors	Economics Honors or Macroeconomics AP and Government Honors or US Government AP

- **Students may opt into Honors or Advanced Placement course at any time during their high school careers.**
- Please see course description for prerequisites.
- Check college web sites for Social Studies course requirements for the colleges of your choice.
- **Students must take the state-mandated End-of-Course assessment administered at the completion of US History and Constitution.**

International Baccalaureate Progression Chart

Content	8th Grade	9th Grade	10th Grade	11th Grade	12th Grade
English	English 1 H	English 2 H	English 3 H	IB English HL-1	IB English HL-2
	8th English Accel	English 1 H	English 2 H	IB English HL-1	IB English HL-2
Mathematics	Geometry H	Algebra 2 H	Pre-Calculus H & Calculus H	IB Math HL-1	IB Math HL-2
	Geometry H	Algebra 2 H	Pre-Calculus H	IB Math SL Sem	IB Math SL
	Algebra 1 H	Geometry H	Algebra 2 H	IB Math Studies SL Sem	IB Math Studies SL
Science	8th Science Accel	Biology 1 H	Chemistry H & Physics H or AP Physics	IB Biology HL-1 or IB Biology SL-1 or IB Physics SL-1	IB Biology HL-2 or IB Biology SL-2 or IB Physics SL-2
	8th Science Accel	Biology 1 H	Chemistry H or Physics H	IB Biology HL-1 or IB Biology SL-1 or IP Physics SL-1	IB Biology HL-2 or IB Biology SL-2 or IB Physics SL-2
History	8th Soc Studies Accel	AP Human Geography	AP World History	AP US History	IB History HL-2
	8th Soc Studies Accel	World History Honors Or Geography Honors	AP Human Geography	IB History HL-1	IB History HL-2
World Language	French 1 & 2 or Spanish 1&2	French C/C or Spanish C/C or French 1&2 or Spanish 1&2 or German 1&2	French 3 or Spanish 3 or German 3	IB French SL-1 or IB Spanish SL-1 or IB German SL-1	IB French SL-2 or IB Spanish SL-2 or IB German SL-2
Electives	Computer Technology	PE Pers Hlth&Wellness Computer Technology Arts	PE Pers Hlth&Wellness Computer Technology Arts	Design Tech HL-1 Visual Arts HL-1 IB Theater HL-1 IB Film SL Sem IB Dance SL Sem IB Dance HL-1 IB Psychology HL-1	Art SL (3rd course) IB Theater HL-2 IB Film SL IB Dance SL IB Dance HL-2 IB Psychology HL-2

APPENDIX B

High School Courses to Meet the Computer Science Graduation Requirement
2019-2020

Course Code	Course Name
471D	IB Computer Science SL
471B	IB Computer Science HL-1
471C	IB Computer Science HL-2
4771	AP Computer Science Applications
4775	AP Computer Science Principles
5023	Exploring Computer Science
5025	IT Fundamentals
5031	Fundamentals of Web Page Design and Development
5033	Advanced Web Page Design and Development
5050	Computer Programming 1
5051	Computer Programming 2
5052	Computer Programming 1 with JAVA
5053	Computer Programming 2 with JAVA
5054	Computer Programming 1 with Visual Basic
5055	Computer Programming 2 with Visual Basic
5056	Computer Programming 1 with C++
5057	Computer Programming 2 with C++
5058	Java Fundamentals and Java Programming
5310	Networking Fundamentals
5311	Advanced Networking
5320	Computer Repair and Services
5321	Advanced Computer Repair and Service
5322	Computer Operating Systems
5323	Advanced Computer Operating Systems
5324	Database Design and Programming with SQL
5326	Database Programming with PL/SQL
5327	SAS Programming 1
5328	SAS Programming 2
5350	Foundations of Animation
5351	Advanced Animation
5352	Game Design and Development
5361	GIS 1
5362	GIS 2
5370	Cyber Security Fundamentals
5372	Advanced Cyber Security
5374	Computer Forensics
6050	PLTW Principles of Engineering
6372	PLTW Introduction to Computer Science
6373	PLTW Computer Science Applications
6377	PLTW Computer Science Principles
6378	PLTW Cybersecurity

Updated 3/2/2019 from ACS manual on SCDE website (Appendix O)

APPENDIX C

Individual Graduation Plan (IGP) Worksheet

Name: _____ Current Grade Level: _____

Clusters: _____
Student Choice

_____
Indicated by Assessment

Majors: _____
[ ] Declare Only [ ]Intend to Complete

_____
[ ] Declare Only [ ]Intend to Complete

Schools of Study:

_____ Arts and Humanities

_____ Business & Information Systems

_____ Science, Tech, Engineering, Math

_____ Health, Human, Public Services

Postsecondary Plans: ☐ Workforce/Apprenticeship ☐ Two-Year College/Technical Training ☐ Four-Year College ☐ Military

Course	Ninth Grade	Tenth Grade	Eleventh Grade	Twelfth Grade
English: 4 units required	English 1	English 2	English 3	English 4
Math: 4 units required				
Science: 3 units required (3 lab science units required for 4 year college)	Biology 1			
Social Studies: 3 units required (1 social studies elective; US History; Government/Economics)			U. S. History	Government/ Economics
Physical Education or JROTC: 1 unit required				
Health: .5 unit required				
Computer Science: 1 unit required				
World language or Career Technology: 1 unit required				
Electives (Language Arts, mathematics, science, social studies, visual and performing arts, world language, career and technology, physical education, etc.)				

	Required Courses for Major (Four Credits Required)		Complementary Coursework

_____ _____ _____ _____
Student Signature Date Parent Signature Date

_____ _____
Counselor Signature Date

APPENDIX D

	AC Flora	Columbia	CA Johnson	Dreher	Eau Claire	Heyward	Keenan	Lower Richland	State/National Certification
Agriculture, Food, & Natural Resources									
Agriculture Mechanics and Technology (010205)							•		•
Horticulture (010601)						•			•
Plant and Animal Systems (011101)							•		•
Architecture & Construction									
Building Construction Cluster (460000)						•			•
Arts, A/V & Communications									
Architecture/Mechanical Design (151301)	•								•
Media Technology (100299)						•			+
Business, Management & Administration									
Administrative Services (520401) *			•			•			+
Business Information Management (521206) *	•							•	+
General Management (520201) *		•	•		•		•	•	+
Operations Management (520204) *					•				+
Education & Training									
Early Childhood Education (131210)					•			•	•
Finance									
Academy of Finance (520801)		•							+
Accounting (520301) *		•			•				+
Banking Services (520803) *		•							+
Business Finance (520804) *		•		•	•		•	•	+
Health Science									
PLTW Biomedical Sciences (260102) *		•	•						•
Health Science (510000) * *(CNA requires Clinical Studies)*		•			•			•	•
Sports Medicine (310505) *			•			•			•
Hospitality & Tourism									
Culinary Arts Management (520905) *						•		•	•
Hospitality and Tourism Management (520904)						•	•		•
Human Services/Family & Consumer Sciences									
Barber/Master Hair Care (120402)						•			•
Cosmetology (120401)						•		•	•
Family and Consumer Sciences (190101) *					•		•	•	•

	AC Flora	Columbia	CA Johnson	Dreher	Eau Claire	Heyward	Keenan	Lower Richland	State/National Certification
Information Technology									
PLTW Computer Science (110701)							•	•	•
Networking Systems (110901) *						•			•
Web and Digital Communications (110801) *	•	•		•				•	•
Law, Public Safety, Corrections & Security									
Emergency and Fire Management Services (430203)								•	•
Marketing									
Marketing Communications (090903) *						•			•
Manufacturing									
Mechatronics Integrated Technologies (150404)						•			•
Welding Technology (480508)						•			•
Marketing									
Marketing Communications (090903) *						•			•
Science, Technology, Engineering & Mathematics									
Clean Energy (149999)							•		•
Food Science (190501) *		•					•		•
PLTW Pre-Engineering (140101)	•	•		•			•	•	•
Transportation, Distribution & Logistics									
Automotive Technology (470604)						•			•
Commercial Driver's License (TBD)					•				•
Diesel Engine Technology (470605)						•			•
CATE Programs in Schools (19/20)	**4**	**8**	**6**	**3**	**7**	**17**	**10**	**12**	
CATE Teachers (18/19)	**3**	**7**	**6**	**6**	**4**	**12/11**	**8**	**12**	
Career Ready Graduates (17/18)	**183**	**43**	**30**	**161**	**41**		**59**	**110**	
CATE Completers (17/18 - *462*) School/Heyward	***28*/49**	***54*/18**	***24/2***	***13*/29**	***13*/22**	**166**	***18*/17**	***145*/29**	
CATE Enrollment (18/19 - *4,223*)	***561***	***402***	***283***	***591***	***255***	*604/254* HHC/ROW	***503***	***1024***	

LEGEND: ● **= Current majors as of 10/12/2018** **+ = MicroBurst EmployABILITY Credential** * **= Three Unit Completer**

APPENDIX E

Richland County School District One

2019-2020 CATE Curriculum Framework
Grades 9 – 12

School of Arts and Humanities	School of Business and Information Systems	School of Mathematics, Science, and Engineering	School of Health, Human, and Public Services
Arts, AV Technology & Communications Cluster Advanced Placement Architecture/Mechanical Design International Baccalaureate English History Journalism/Broadcasting Media Technology Performing Arts Visual Arts World Languages **Education & Training Cluster** Early Childhood Education Teaching and Training	**Business Management & Administration Cluster** Administrative Services Business Information Management General Management Human Resource Management Operations Management **Finance Cluster** Academy of Finance Accounting Banking Services Business Finance **Hospitality & Tourism Cluster** Culinary Arts Management Hospitality and Tourism Management **Information Technology Cluster** Networking Systems Web and Digital Communications **Marketing Cluster** Marketing Communications	**Agriculture, Food & Natural Resources Cluster** Agriculture Mechanics and Technology Horticulture Plant and Animal Systems **Architecture and Construction** Building Construction Cluster **Manufacturing** Mechatronics Integrated Technology Welding **Science, Technology, Engineering & Mathematics Cluster** Clean Energy Food Science PLTW Computer Science PLTW Pre-Engineering Mathematics Science **Transportation, Distribution & Logistics Cluster** Automotive Technology Commercial Driver's License Diesel Engine Technology	**Health Science Cluster** PLTW Biomedical Sciences Health Science Sports Medicine **Human Services Cluster** Barber/Master Hair Care Cosmetology Family and Consumer Sciences **Law, Public Safety, Corrections & Security Cluster** Emergency and Fire Management Services Law and Legal Services **Government & Public Administrative Cluster** National Security

Updated 3/2/2019

APPENDIX F

School of Arts and Humanities

Cluster of Study: Arts and Humanities | **Status Code:** EEDA

Major: Advanced Placement | **At:** ECHS, LRHS | **CIP Code:**

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (4 credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Any 4 Advanced Placement (AP) courses	IB Language B SL or HL 1,2 Performing Arts Psychology Pre-Calculus Research 1, 2HN Theory of Knowledge 1, 2 Art World Language 1, 2, 3, 3HN, 4HN, 5HN World Language AP	Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation		
With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Certified Medical Assistant Robotics Technician Real Estate Sales Agent Law Clerk	Executive Assistant Medical Interpreter Reporter Sales Manager	Attorney Computer Scientist Financial Manager / Planner Physician

*Course selection will depend on satisfying prerequisites.

School of Arts and Humanities

Cluster of Study: Arts and Humanities

Status Code: EEDA

Major: International Baccalaureate | **At:** ACFHS, LRHS | **CIP Code:**

Required Core for Graduation	Sample Core Choices			
	Grade 9	Grade 10	Grade 11	Grade 12
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (4 credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
English/Language Arts: IB English HL 1&2 **Math**: IB Math HL, SL, or Studies SL 1 & 2 **Science**: IB Biology HL 1 & 2, IB Design Technology HL 1 & 2 or IB Physics SL or IB Biology SL **Social Studies**: IB History HL 1 & HL 2 **World language**: IB German, French, or Spanish SL 1 & SL 2 IB Additional Course (one): IB Geography HL 1 & 2, IB Visual Arts HL 1 & 2, IB Visual Arts SL, IB Dance SL, IB Theatre SL, IB Psychology **IB Core Requirements**: Theory of Knowledge 1 & 2, CAS, Extended Essay Reflective Project Service Learning Language Development Portfolio		Career Mentoring Shadowing Internship Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	With 2-Year Associates Degree	With 4-Year Degree and Higher
Real Estate Law Clerk Sales Clerk	Executive Assistant Sales Manager	Attorney Research Scientist Computer Scientist Physician

*Course selection will depend on satisfying prerequisites.

School of Arts and Humanities

Cluster of Study: Arts and Humanities

Status Code: EEDA

Major: English | **At:** ALL | **CIP Code:**

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**4** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
English 3 Honors English 4 Honors AP English Language and Composition AP English Literature and Composition IB English HL-2 ENG 101 ENG 102 Journalism 2 Speech and Multimedia Theatre 2	IB Language B SL or HL 1, 2 Journalism 1 Music Theory 1 Performing Arts Theatre 1 Visual Arts World Language 1, 2, 3, 3HN, 4HN, 5HN	Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Receptionist Sales Associate Library Assistant Clerical Assistant	Office Assistant Manager Sales Associate Clerical Assistant	Educator Public Relations Specialist Writer Editor

*Course selection will depend on satisfying prerequisites.

School of Arts and Humanities

Cluster of Study: Arts and Humanities

Status Code: EEDA

Major: History | **At:** ALL | **CIP Code:**

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**4** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
AP European History AP Human Geography AP US History AP World History World History Honors	Environmental Science IB Language B SL or HL 1, 2 Journalism 1, 2 Music Theory 1 Performing Arts Visual Arts World Language 1, 2, 3, 3HN, 4HN, 5HN	Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Clerical Assistant File Clerk Library Assistant	Congressional Aide Copy Writer Museum Tour Guide	Editor Creative Writer Social Studies Teacher

*Course selection will depend on satisfying prerequisites.

School of Arts and Humanities

Cluster of Study: Arts and Humanities

Status Code: EEDA

Major: Journalism/Broadcasting | **At:** ALL | **CIP Code:**

Required Core for Graduation	Sample Core Choices			
	Grade 9	Grade 10	Grade 11	Grade 12
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (4 credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Broadcast Journalism 1, 2, 3, 4 Documentary Production Documentary Workshop Journalism 1 Journalism 2 Yearbook Production 1 Yearbook Production 2 Speech Speech and Multimedia Survey of African-American Literature Survey of Radio/TV/Film 1 Survey of Radio/TV/Film 2	Digital Desktop Publishing Theatre courses Art courses World Language courses Social Studies courses	Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	With 2-Year Associates Degree	With 4-Year Degree and Higher
Disc Jockey Broadcast Technician Audio/Video Operator	Proofreader Reporter Sound Engineering Technician	Journalist Television Anchor Station Manager

*Course selection will depend on satisfying prerequisites.

School of Arts and Humanities

Cluster of Study: Arts and Humanities

Status Code: EEDA

Major: Performing Arts | **At:** ALL | **CIP Code:**

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**4** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Band-Concert 1, 2, 3, 4, 3H, 4H Band-Marching 1, 2, 3, 4, 3H, 4H Band-Jazz Band 1, 2, 3, 4 Guitar 1, 2, 3, 4, 3H, 4H Chorus 1, 2, 3, 4, 3H, 4H Dance 1, 2, 3, 4, 3H, 4H Orchestra-Strings 1, 2, 3, 4, 3H, 4H Theatre 1, 2, 3, 4, 3H, 4H IB Music courses IB Dance courses IB Theatre course AP Music Theory	Music Appreciation 1 Music Theory World Music 1, 2 Piano 1, 2 Technical Theatre Arts	Honors Projects Senior Projects School Performing Ensembles / Companies District, Region, State, National Music, Dance, and/or Theatre Ensembles / Competitions Community Performing Arts Groups

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Accompanist Musician Singer	Private Studio Instructor Theatre Supply Sales Technician	Arts Educator Choreographer Composer

*Course selection will depend on satisfying prerequisites.

School of Arts and Humanities

Cluster of Study: Arts and Humanities

Status Code: EEDA

Major: Visual Arts | **At:** ALL | **CIP Code:**

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**4** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
English 3 Honors English 4 Honors AP English Language and Composition AP English Literature and Composition IB English HL-2 ENG 101 ENG 102 Journalism 2 Speech and Multimedia Theatre 2	IB Language B SL or HL 1, 2 Journalism 1 Music Theory 1 Performing Arts Theatre 1 Visual Arts World Language 1, 2, 3, 3HN, 4HN, 5HN	Honors Project Senior Project School, District, Region, State Art Exhibits Juried Exhibitions Community Exhibitions

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Artist Art Supplies Sales Muralist Photographer Ceramist	Art Writer Art Events Coordinator Gallery Assistant	Art Educator Art Collection Administrator Artistic Programs Director

*Course selection will depend on satisfying prerequisites.

School of Arts and Humanities

Cluster of Study: Arts and Humanities

Status Code: EEDA

Major: World Languages | **At:** ALL | **CIP Code:**

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**4** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
French 1, 2, 3, 3HN, 4HN, 5HN, AP, IB OR German 1, 2, 3, 3HN, 4HN, 5HN, IB OR Latin 1, 2, 3, 3HN, 4HN, IB OR Spanish 1, 2, 3, 3HN, 4HN, 4AP, 5HN, 5AP, IB – HIS Chinese 1, 2, 3, 3HN, 4HN OR Any combination of 4 credits from the above	Art History Current Issues Digital Desktop Publishing Entrepreneurship European History AP IB Language B SL or HL 1, 2 Performing Arts Second World Language 1, 2, 3, 3HN, 4HN, 5HN, AP Theory of Knowledge 1, 2 Visual Arts Web Page Design and Development 1, 2	Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Tour Guide and Escort Armed Forces Language Specialist Foreign Aid Worker	Travel Agent Immigration and Customs Inspector Intelligence Specialist	World Language Teacher Interpreter / Translator International Business Consultant

*Course selection will depend on satisfying prerequisites.

School of Arts and Humanities

Cluster of Study: Education and Training

Status Code: CCR

Major: Early Childhood Education | **At:** ECHS, LRHS | **CIP Code:** 131210

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**4** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Early Childhood Education 1 Early Childhood Education 2 Plus 2 of the following: Introduction to Early Childhood Education CATE Dual-Enrollment Teacher Cadet (CATE only completers) Education and Training internship or work-based credit Dual-Enrollment Introduction to Early Childhood Education (ECD 101 Early Childhood)		Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Child Care Provider Preschool Aide Recreation Aide	Child Care Owner Teaching Assistant Therapy Assistant	Counselor Principal Teacher

*Course selection will depend on satisfying prerequisites.

School of Arts and Humanities

Cluster of Study: Arts and Humanities

Status Code: EEDA

Major: Teaching and Training | **At:** ALL | **CIP Code:**

Required Core for Graduation	Sample Core Choices			
	Grade 9	Grade 10	Grade 11	Grade 12
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (4 credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Teacher Cadet Program OR Coaches in Training Plus 3 from the following: Child Development Psychology Psychology 101 or Psychology AP Public Speaking Sociology Web Page Design and Development 1	Creative Writing IB Language B SL or HL 1, 2 JROTC 1, 2, 3, 4 Media Technology 1, 2 Performing Arts Personal Finance Theatre 1 Theory of Knowledge 1, 2 Visual Arts Web Page Design and Development 2 World Geography World History World Language 1, 2, 3, 3HN, 4HN, 5HN World Language AP	Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	With 2-Year Associates Degree	With 4-Year Degree and Higher
Childcare Worker Preschool Worker Recreation Assistant	Library Technician Instructional Assistant Training Manager	Teacher Statistician Librarian

*Course selection will depend on satisfying prerequisites.

School of Arts and Humanities

Cluster of Study: Arts, Audio-Visual Technology, and Communications

Status Code: CCR

Major: Architectural/Mechanical Design | **At:** ACF | **CIP Code:** 151301

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**4** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Architectural Design 2 Arts, Audio-Visual Technology, and Communications work-based credit		Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Drafting Assistant Technical Illustrator Carpenter Construction Technician	CAD Technician Architectural/Civil Engineering Technician Engineering Design Technician	Architect Construction Engineer Civil Environmental Engineer Mechanical Engineer

*Course selection will depend on satisfying prerequisites.

School of Arts and Humanities

Cluster of Study: Arts, Audio-Visual Technology, and Communications | **Status Code:** CCR

Major: Media Technology | **At:** Heyward | **CIP Code:** 100299

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**4** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Media Technology 1 Media Technology 2 Media Technology 3		Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Audio Systems Operator Camera Operator News Reporter Technician Assistant	Audio Systems Technician Broadcast Journalist Video Systems Technician	Audio-Video Designer Audio-Video Engineer Special Effects Technician TV Broadcaster

*Course selection will depend on satisfying prerequisites.

School of Business, Management, and Information Systems

Cluster of Study: Business Management and Administration | **Status Code:** CCR

Major: Administrative Services | **At:** CAJHS, Heyward | **CIP Code:** 520401

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (3 credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Administrative Support Technology Integrated Business Applications 1 Plus 1 of the following: Business Law Business Principles and Management Entrepreneurship		Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Administrative Supporter Information Processing Specialist Receptionist	Administrative Assistant Data Entry Specialist Executive Assistant Front Office Assistant	Educator Executive Assistant Information Systems Manager Office Manager

*Course selection will depend on satisfying prerequisites.

School of Business, Management, and Information Systems

Cluster of Study: Business Management and Administration | **Status Code:** CCR

Major: Business Information Management | **At:** ACFHS, LRHS | **CIP Code:** 521206

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**3** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Image Editing 1 Digital Publication Design Plus 1 of the following: Accounting 1 Entrepreneurship Integrated Business Applications 1 Digital Technologies Digital Multimedia Business Principles and Management Fundamentals of Web Page Design and Development		Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Information Processing Specialist Multimedia Specialist Website Maintenance Specialist	Office Manager Web Page Developer Web Page Designer	Educator Webmaster Software Applications Manager

*Course selection will depend on satisfying prerequisites.

School of Business, Management, and Information Systems

Cluster of Study: Business Management and Administration | **Status Code:** CCR

Major: General Management | **At:** CAJ, CHS, ECHS, KHS, LRHS | **CIP Code:** 520201

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**3** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Accounting 1 Entrepreneurship Plus 1 of the following: Business Law Business Principles and Management Business Finance Integrated Business Applications 1 Virtual Enterprise 1 Accounting 2 Virtual Enterprise 2 Fundamentals of Web Page Design and Development		Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Receptionist Office Clerk	Store Manager Human Resource Manager	Chief Executive Operations Manager General Manager

*Course selection will depend on satisfying prerequisites.

School of Business, Management, and Information Systems

Cluster of Study: Business Management and Administration | **Status Code:** CCR

Major: Human Resource Management | **At:** KHS | **CIP Code:** 521001

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (3 credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Business Law Human Resource Management Plus 1 of the following: Entrepreneurship Integrated Business Applications 1		Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Payroll Clerk Information Processing Specialist Receptionist	Executive Assistant Human Resource Generalist	Human Resource Manager Office Manager

*Course selection will depend on satisfying prerequisites.

School of Business, Management, and Information Systems

Cluster of Study: Business Management and Administration | **Status Code:** CCR

Major: Operations Management | **At:** ECHS | **CIP Code:** 520204

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**3** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Virtual Enterprise 1 Virtual Enterprise 2 Plus 1 of the following: Entrepreneurship Integrated Business Applications 1 Accounting 1		Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Bank Teller Customer Service Representative Sales Associate	Assistant Store Manager Customer Service Supervisor Office Manager	Chief Executive Officer Educator Entrepreneur

*Course selection will depend on satisfying prerequisites.

School of Business, Management, and Information Systems

Cluster of Study: Finance — **Status Code:** CCR

Major: Academy of Finance — **At:** CHS — **CIP Code:** 520801

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (4 credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Accounting 1 Banking Services Plus 2 of the following: Accounting 2 Personal Finance Entrepreneurship Business Finance		Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Bank Teller Bookkeeping Clerk Medical Billing Clerk Payroll Clerk	Accountant Auditor Financial Agent Credit Manager	Certified Public Accountant Chief Financial Officer Educator Financial Planner

*Course selection will depend on satisfying prerequisites.

School of Business, Management, and Information Systems

Cluster of Study: Finance — **Status Code:** CCR

Major: Accounting — **At:** CHS, ECHS — **CIP Code:** 520301

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**3** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Accounting 1 Accounting 2 Plus 1 of the following: Personal Finance Entrepreneurship Business Finance Integrated Business Applications 1		Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Bank Teller Bookkeeping Clerk Medical Billing Clerk Payroll Clerk	Accountant Auditor Financial Agent Credit Manager	Certified Public Accountant Chief Financial Officer Educator Financial Planner

*Course selection will depend on satisfying prerequisites.

School of Business, Management, and Information Systems

Cluster of Study: Finance — **Status Code:** CCR

Major: Banking Services — **At:** CHS — **CIP Code:** 520803

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**3** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Banking Services Business Finance Plus 1 of the following: Personal Finance Entrepreneurship Integrated Business Applications 1 Virtual Enterprise 1 Virtual Enterprise 2		Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Bank Teller Bookkeeping Clerk Medical Billing Clerk Payroll Clerk	Accountant Auditor Financial Agent Credit Manager	Certified Public Accountant Chief Financial Officer Educator Financial Planner

*Course selection will depend on satisfying prerequisites.

School of Business, Management, and Information Systems

Cluster of Study: Finance — **Status Code:** CCR

Major: Business Finance — **At:** CHS, DHS, ECHS, KHS, LRHS — **CIP Code:** 520804

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**3** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Accounting 1 Business Finance Plus 1 of the following: Accounting 2 Integrated Business Applications 1 Banking Services Personal Finance Entrepreneurship Business Law		Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Booking Clerk Medical Billing Clerk Payroll Clerk Loan Processor	Auditor Accountant Financial Services Agent Credit Analyst	Branch Manager Certified Public Accountant Chief Financial Officer Financial Planner

*Course selection will depend on satisfying prerequisites.

School of Business, Management, and Information Systems

Cluster of Study: Hospitality and Tourism | **Status Code:** CCR

Major: Culinary Arts Management | **At:** LRHS, Heyward | **CIP Code:** 520905

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (4 credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Culinary Arts Management 1 Culinary Arts Management 2	Introduction to Culinary Arts Management Introduction to Hospitality and Tourism Management	Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Cruise Ship Worker Front Desk Clerk Hostess	Caterer Food and Beverage Services Manager Restaurant Manager	Chef Dietician/Nutritionist Hotel Manager Restaurant Manager

*Course selection will depend on satisfying prerequisites.

School of Business, Management, and Information Systems

Cluster of Study: Hospitality and Tourism | **Status Code:** CCR

Major: Hospitality and Tourism Management | **At:** Keenan, Heyward | **CIP Code:** 520904

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (4 credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Introduction to Hospitality and Tourism Management Accounting 1 Entrepreneurship Integrated Business Applications 1	Introduction to Culinary Arts Management	Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Cruise Ship Worker Front Desk Clerk Hostess	Food and Beverage Services Manager Restaurant Manager	Event Planner Hotel Manager

*Course selection will depend on satisfying prerequisites.

School of Business, Management, and Information Systems

Cluster of Study: Marketing — **Status Code:** CCR

Major: Marketing Communications — **At:** Heyward — **CIP Code:** 090903

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**3** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Marketing Digital Media Marketing Entrepreneurship		Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Retail Sales Person Cashier	Real Estate Manager Community Association Manager	Advertising Manager Marketing Manager

*Course selection will depend on satisfying prerequisites.

School of Business, Management, and Information Systems

Cluster of Study: Information Technology | **Status Code:** CCR

Major: Networking Systems | **At:** Heyward | **CIP Code:** 110901

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (4 credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Networking Fundamentals Advanced Networking	AP Computer Science Essentials Discovering Computer Science	Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
PC Support Specialist Technical Support Specialist Web Site Maintenance	Computer Programmer Help Desk Specialist Network Administrator Web Designer	Computer Software Engineer Operations Research Analyst Software Application Manager Systems Analyst

*Course selection will depend on satisfying prerequisites.

School of Business, Management, and Information Systems

Cluster of Study: Information Technology | **Status Code:** CCR

Major: Web and Digital Communications | **At:** ACFHS, CHS, DHS, LRHS | **CIP Code:** 110801

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**3** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Fundamentals of Web Page Design and Development Advanced Web Page Design and Development Plus 1 of the following: Integrated Business Applications 1 Image Editing 1 Digital Publication Design Entrepreneurship Digital Technologies		Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
PC Support Specialist Technical Support Specialist Web Site Maintenance Specialist	Computer Programmer Help Desk Specialist Network Administrator Web Designer	Computer Software Engineer Operations Research Analyst Software Application Manager Systems Analyst

*Course selection will depend on satisfying prerequisites.

School of Engineering, Manufacturing, and Industrial Technologies

Cluster of Study: Agriculture, Food, and Natural Resources | **Status Code:** CCR

Major: Agricultural Mechanics and Technology | **At:** KHS | **CIP Code:** 010205

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**4** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Agriculture Science and Technology Agriculture Mechanics and Technology 1 Agricultural Power Mechanics Agriculture, Food, and Natural Resources work-based credit		Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Equipment Technician Machine Operator Welder	Heavy Equipment Maintenance Technician Machinist	Agricultural Engineer GPS Technician Soil Conservationist

*Course selection will depend on satisfying prerequisites.

School of Engineering, Manufacturing, and Industrial Technologies

Cluster of Study: Agriculture, Food, and Natural Resources | **Status Code:** CCR

Major: Horticulture | **At:** Heyward | **CIP Code:** 010601

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**4** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Introduction to Horticulture Horticulture for the Workplace 1 Nursery, Greenhouse and Garden Center Technology		Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Nursery Technician Agriculture Worker Grounds Maintenance Worker	Floral Designer Garden Center Manager Green House Manager	Education and Extension Specialist Agricultural Educator Plant Pathologist

*Course selection will depend on satisfying prerequisites.

School of Engineering, Manufacturing, and Industrial Technologies

Cluster of Study: Agriculture, Food, and Natural Resources | **Status Code:** CCR

Major: Plant and Animal Systems | **At:** KHS | **CIP Code:** 011101

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**4** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Agriculture Science and Technology Agriculture Mechanics and Technology 1 Animal Science Technology Animal Science for the Workplace 1 Animal Science for the Workplace 2 Animal Science work-based credit		Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Veterinary Assistant Agricultural Sales Representative	Food Scientist Aquaculturalist Commodity Marketer	Education and Extension Specialist Agricultural Educator

*Course selection will depend on satisfying prerequisites.

School of Engineering, Manufacturing, and Industrial Technologies

Cluster of Study: Architecture and Construction | **Status Code:** CCR

Major: Building Construction Cluster | **At:** Heyward | **CIP Code:** 460000

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**4** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Building Construction Cluster 1 Building Construction Cluster 2 Building Construction Cluster 3	Introduction to Construction	Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Carpenter Construction Technician Drafting Assistant	Architectural Engineer Civil Engineer Technician	Architect Civil Engineer Mechanical Engineer

*Course selection will depend on satisfying prerequisites.

School of Engineering, Manufacturing, and Industrial Technologies

Cluster of Study: Science, Technology, Engineering, and Mathematics | **Status Code:** CCR

Major: Mechatronics Integrated Technologies | **At:** Heyward | **CIP Code:** 150404

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**4** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Mechatronics 1: Electrical Components / Industrial Safety Mechatronics 2: Mechanical Components / Electric Drives and Hand and Power Tool Operation Mechatronics 3: Electro-Pneumatics and Hydraulics Mechatronics 4: Digital Fundamentals and Programmable Controllers	Introduction/Intermediate Manufacturing Manufacturing work-based credit	Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
TBD	TBD	TBD

*Course selection will depend on satisfying prerequisites.

School of Engineering, Manufacturing, and Industrial Technologies

Cluster of Study: Manufacturing — **Status Code:** CCR

Major: Welding Technology — **At:** Heyward — **CIP Code:** 480508

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**4** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Welding Technology 1 Welding Technology 2 Welding Technology 3	Introduction/Intermediate Manufacturing Mechatronics 1: Electrical Components/ Industrial Safety	Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Entry Level Welder Machine Operator Millwright Helper	CNC Operator Machinist Manufacturing Machinery Technician	Design Engineer Manufacturing Engineer Metallurgist Quality Control Engineer

*Course selection will depend on satisfying prerequisites.

School of Engineering, Manufacturing, and Industrial Technologies

Cluster of Study: Science, Technology, Engineering, and Mathematics | **Status Code:** CCR

Major: Clean Energy | **At:** KHS | **CIP Code:** 149999

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**4** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Clean Energy Systems 1 Clean Energy Systems 2 Clean Energy Systems 3 Clean Energy Systems 4		Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	With 2-Year Associates Degree	With 4-Year Degree and Higher
Not applicable	Renewable Energy Systems Specialist	Energy Engineer

*Course selection will depend on satisfying prerequisites.

School of Engineering, Manufacturing, and Industrial Technologies

Cluster of Study: Science, Technology, Engineering, and Mathematics | **Status Code:** CCR

Major: PLTW Pre-Engineering | **At:** ACF,CHS, DHS, KHS, LRHS | **CIP Code:** 140101

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**4** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
PLTW Introduction to Engineering Design PLTW Principals of Engineering Plus 2 of the following: PLTW Civil Engineering and Architecture PLTW Digital Electronics PLTW Aerospace Engineering PLTW Computer Science Applications PLTW Computer Science Essentials PLTW Engineering Design and Development		Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Not applicable	Engineering Development	Chemical Engineer Electrical Engineer Environmental/Civil Engineer Mechanical Engineer

*Course selection will depend on satisfying prerequisites.

School of Engineering, Manufacturing, and Industrial Technologies

Cluster of Study: Science, Technology, Engineering, and Mathematics | **Status Code:** CCR

Major: PLTW Computer Science | **At:** KHS, LRHS | **CIP Code:** 110701

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**4** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
PLTW Computer Science Applications PLTW Computer Science A PLTW Computer Science Essentials PLTW Computer Science Principles PLTW Cybersecurity	Science, Technology, Engineering, and Mathematics (STEM) work-based credit	Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Customer Service Specialists Computer Support Specialists	Web Developers Computer Network Support Specialists Operations Research Analysts	Computer and Information Research Scientists Actuary

*Course selection will depend on satisfying prerequisites.

School of Engineering, Manufacturing, and Industrial Technologies

Cluster of Study: Science, Technology, Engineering, and Mathematics | **Status Code:** CCR

Major: Food Science | **At:** CAJHS, KHS | **CIP Code:** 190501

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**3** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Food Science 1 Food Science 2 Foods and Nutrition 1		Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Product Packager Product Grader Produce Worker	Flavor Chemist Food Application Technologist Food Safety Manager	Food Chemist Food Microbiologist Food Processing Engineer

*Course selection will depend on satisfying prerequisites.

School of Engineering, Manufacturing, and Industrial Technologies

Cluster of Study: Science, Technology, Engineering, and Mathematics | **Status Code:** EEDA

Major: Mathematics | **At:** ALL | **CIP Code:**

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**4** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Pre-Calculus AP Statistics Calculus or AP Calculus Probability and Statistics Algebra 3 Physics	Chemistry	Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Computer Technician Engineer Technician	Engineer Assistant Systems Analyst	Mathematician Statistician Educator Engineer Scientist

*Course selection will depend on satisfying prerequisites.

School of Engineering, Manufacturing, and Industrial Technologies

Cluster of Study: Science, Technology, Engineering, and Mathematics | **Status Code:** EEDA

Major: Science | **At:** ALL | **CIP Code:**

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**4** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Anatomy and Physiology Biology 2 AP Biology IB Biology HL Environmental and Marine Science AP Environmental Science Forensic Science Marine Science Physics 1 Honors AP Physics IB Physics HL Chemistry 1 Honors Chemistry AP IB Chemistry HL	Earth Science World Languages courses Calculus	Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Environmental Assistant Landscaper Production Worker Zoo Assistant	Forestry Technician Lab Technician Veterinarian Assistant	Chemist Educator Physicist

*Course selection will depend on satisfying prerequisites.

School of Engineering, Manufacturing, and Industrial Technologies

Cluster of Study: Transportation, Distribution, and Logistics | **Status Code:** CCR

Major: Automotive Technology | **At:** Heyward | **CIP Code:** 470604

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**4** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Automotive Technology 1 Automotive Technology 2 Automotive Technology 3 Transportation, Distribution, and Logistics work-based credit		Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Bus Driver Maintenance Technician Mechanic Helper	Automotive Technician Mechanic Service Technician	Automotive Design Engineer Automotive Business Entrepreneur Mechanical Engineer

*Course selection will depend on satisfying prerequisites.

School of Engineering, Manufacturing, and Industrial Technologies

Cluster of Study: Transportation, Distribution, and Logistics | **Status Code:** CCR

Major: Diesel Engine Technology | **At:** Heyward | **CIP Code:** 470605

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**4** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Diesel Engine Technology 1 Diesel Engine Technology 2 Diesel Engine Technology 3		Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Bus Driver Maintenance Technician Mechanic Helper	Automotive Technician Mechanic Service Technician	Automotive Design Engineer Automotive Business Entrepreneur Mechanical Engineer

*Course selection will depend on satisfying prerequisites.

School of Engineering, Manufacturing, and Industrial Technologies

Cluster of Study: Transportation, Distribution, and Logistics | **Status Code:** CCR

Major: Commercial Driver's License | **At:** ECHS | **CIP Code:** XXXXXX

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**4** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Commercial Driver's License 1 Commercial Driver's License 2 Commercial Driver's License 3 Commercial Driver's License 4		Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Commercial Truck Driver Mobile Equipment Operator	Operations Manager Fleet Manager	Maintenance Supervisor Operations Manager

*Course selection will depend on satisfying prerequisites.

School of Health Science and Human Services

Cluster of Study: Family and Consumer Sciences

Status Code: CCR

Major: Family and Consumer Sciences | **At:** CAJHS, ECHS, KHS, LRHS | **CIP Code:** 190101

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**3** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Child Development 1 & 2 OR Family and Consumer Sciences 1 & 2 OR Food and Nutrition 1 & 2 OR Fashion, Fabric, and Design 1 & 2 Plus 1 of the following: CATE Dual-Enrollment Teacher Cadet Culinary Arts Management 1 Financial Fitness 1 Child Development 1 Early Childhood Education 1 Food Science 1 Personal Finance Introduction to Culinary Arts Management Introduction to Hospitality and Tourism Management Human Services work-based credit		Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Sales Associate Demonstrator Laundry and Dry Cleaning Worker	Fashion Designer Assistant Marketing Manager Assistant Purchasing Manager Assistant	Fashion Designer Marketing Manager Purchasing Manager

*Course selection will depend on satisfying prerequisites.

School of Health Science and Human Services

Cluster of Study: Health Science | **Status Code:** CCR

Major: PLTW Biomedical Sciences | **At:** CHS, CAJHS | **CIP Code:** 260102

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**4** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
PLTW Human Body Systems PLTW Principles of Biomedical Sciences Plus 1 of the following: PLTW Biomedical Innovation PLTW Medical Interventions Health Science 1 Health Science 2 Health Science 3 Medical Terminology Pharmacology for Medical Careers Sports Medicine 1 Sports Medicine 2		Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Not applicable	Genetics Lab Technician Lab Assistant Quality Assurance Technician	Biochemist Bioinformatics Scientist Biomedical Chemist Biostatistician

*Course selection will depend on satisfying prerequisites.

School of Health Science and Human Services

Cluster of Study: Health Science | **Status Code:** CCR

Major: Health Science | **At:** CAJHS, LRHS, Heyward | **CIP Code:** 510000

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**3/4** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
3 CREDITS: Health Science 1 Health Science 2 Plus 1 of the following: Health Science 3 Health Science Clinical Study PLTW Human Body Systems Medical Terminology Pharmacology for Medical Career PLTW Principles of Biomedical Sciences Sports Medicine 1 Sports Medicine 2 Health Science work-based credit Sports Medicine work-based credit **4 CREDITS:** Health Science 1 & 2 Health Science 3 Health Science Clinical Study		Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Food Service Worker Certified Nurse Assistant Transport Technician	Biomedical Technician Clinical Technician Hospital Maintenance Engineer	Biomedical Engineer Clinical Engineer Facilities Manager

*Course selection will depend on satisfying prerequisites.

School of Health Science and Human Services

Cluster of Study: Health Science | **Status Code:** CCR

Major: Sports Medicine | **At:** CAJHS, Heyward | **CIP Code:** 310505

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**3** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Sports Medicine 1 Sports Medicine 2 Plus 1 of the following: Health Science 1 Health Science 2 Health Science 3 PLTW Human Body Systems Medical Terminology Pharmacology for Medical Careers Sports Medicine 3 Sports Medicine work-based credit		Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Personal Trainer Physical Therapy Aide Pharmacy Aide Occupational Therapy Aide	Physical Therapy Assistant Pharmacy Technician Occupational Therapy Assistant Surgical Technician	Athletic Trainer Physical Therapist Orthopedic Surgeon Chiropractor

*Course selection will depend on satisfying prerequisites.

School of Health Science and Human Services

Cluster of Study: Human Services | **Status Code:** CCR

Major: Barber/Master Hair Care | **At:** Heyward | **CIP Code:** 120402

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**8** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Barber 1/Master Hair Care 1 Barber 2/Master Hair Care 2 Barber 3/Master Hair Care 3 Barber 4/Master Hair Care 4		Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Cosmetologist Nail Technician State Board certification required	Not applicable	Educator State Board certification required

*Course selection will depend on satisfying prerequisites.

School of Health Science and Human Services

Cluster of Study: Human Services | **Status Code:** CCR

Major: Cosmetology | **At:** LRHS, Heyward | **CIP Code:** 120401

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**8** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Cosmetology 1 Cosmetology 2 Cosmetology 3 Cosmetology 4		Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Cosmetologist Nail Technician State Board certification required	Not applicable	Educator State Board certification required

*Course selection will depend on satisfying prerequisites.

School of Health Science and Human Services

Cluster of Study: Law, Public Safety, Corrections, and Security | **Status Code:** CCR

Major: Emergency and Fire Management Services | **At:** LRHS | **CIP Code:** 430203

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**4** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Firefighter 1 Firefighter 2 Introduction to Law, Public Safety, Corrections, and Security		Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Entry Level Firefighter Basic EMT Firefighter	Advanced Firefighter Emergency Planning Manager EMT	Fire and Emergency Manager Emergency Manager Fire Battalion Chief

*Course selection will depend on satisfying prerequisites.

School of Health Science and Human Services

Cluster of Study: Law, Public Safety, Corrections, and Security | **Status Code:** EEDA

Major: Law and Legal Services | **At:** ALL | **CIP Code:**

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**4** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
Introduction to Criminal Justice 101 Current Issues Law-Related courses Psychology or Psychology 101 or AP Psychology Public Speaking Sociology Speech and Debate 1	AP Government AP Macroeconomics Chemistry Discrete Mathematics IB Language B SL or HL 1, 2 Performing Arts Personal Finance Probability and Statistics Visual Arts World History World Language course	Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Case Management Clerk Court Records Clerk Legal Secretary	Information Officer Law Clerk Paralegal	Corporate Attorney Law Attorney Law Professor

*Course selection will depend on satisfying prerequisites.

School of Health Science and Human Services

Cluster of Study: Government and Public Administration

Status Code: EEDA

Major: National Security | **At:** ALL | **CIP Code:**

Required Core for Graduation	Sample Core Choices			
	Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English* 4 units	English 1	English 2	English 3	English 4
Math* 4 units	Algebra 1	Algebra 2 or Geometry	Probability/Statistics, Geometry, or Pre-Calculus	Pre-Calculus or Calculus
Science* 3 units	Biology	Chemistry or Other Lab Science	Physics or Other Lab Science	Other Lab Science
Social Studies* 3 units	One unit of Social Studies Elective		U.S. History	Economics/Government
Additional Graduation Requirements	PE; JROTC, or Marching Band (1 unit) Computer Science (1 unit) World Language or CATE (1 unit) Personal Health and Wellness (1/2 unit)		Electives (7 units)	

Required Courses for Major (**4** credits required)	**Complementary Coursework**	**Extended Learning Opportunity Options Related to Major**
JROTC Aerospace (3 units plus Honors unit) JROTC Naval Science 1, 2, 3, 4 Army JROTC Leadership, Education, and Training 2, 3, 4, 5	Aerospace Advanced Skills 1, 2, 3, 4 Aerospace Education 1, 2, 3, 4 Aerospace Leadership Seminar 1, 2 Ground School for Flying Leadership Advanced Skills 1, 2, 3, 4 Leadership Education and Training 5, 6 Leadership Seminar 1, 2 Naval Advanced Skills 1, 2, 3, 4 Naval Leadership Seminar 1, 2	Career Mentoring Shadowing Internship Cooperative Education Career Information Delivery System Exposure Senior Project

Professional Opportunities Upon Graduation

With High School Diploma	**With 2-Year Associates Degree**	**With 4-Year Degree and Higher**
Electronic Warfare Operation Infantry Filed Artillery Munitions Specialist	Law Enforcement Officer Military Recruit Military Recruiter	Captain Lieutenant Officer Major

*Course selection will depend on satisfying prerequisites.

APPENDIX G

COLLEGE PLANNING CHECKLIST

When to begin	What to do	How to do it
Eighth grade	Select a high school course of study and a career cluster to explore and become familiar with college entrance requirements. Continue career exploration activities.	Work with parents, teachers and counselors to create an Individual Graduation Plan (IGP) to satisfy your career and educational goals. Get involved at school and in your community.
Freshman year	Update your IGP and work to your academic potential. Continue career exploration activities. Take PreACT in the Fall.	Continue to work with parents, teachers, and counselors to refine your IGP. Try job shadowing. Stay involved in school and community activities.
Sophomore year	Take PSAT tests in the fall. Review results and modify IGP. Take academically challenging courses. Investigate summer enrichment programs.	Meet with your counselor to plan for college. Consider job shadowing. Check your guidance newsletters for summer opportunities and other valuable information.
Junior year Fall	Register to take the PSAT. Think about your reasons for going to college. Investigate possible career options and degree level required. Identify important factors in choosing a college.	Collect information from ED-OP DAY (Educational Opportunity Day). During ED-OP, students have the opportunity to talk with admissions counselors from South Carolina colleges and universities and some from out of state. Explore colleges and careers on SCOIS, Naviance, and the Internet. Continue to focus on your schoolwork and to work with your parents, teachers and counselors.
Junior year Spring	Register for the SAT, ACT, or ACCUPLACER. List colleges considering and collect information. Investigate summer enrichment programs. Continue to work to highest academic potential and to be involved in school and community activities.	Prepare for and visit colleges. Continue collecting college and career information. Enroll in summer activities. Take some time to volunteer.
Senior year Fall	Continue to take a full load of challenging courses. Compare the colleges on your list. Apply to your “choice” colleges. Register for the SAT, ACT, or ACCUPLACER. Search for scholarship opportunities. Apply for financial aid as early as October.	Participate in ED-OP Day and Financial Aid Night. Continue visiting colleges. Complete applications by early October. Check guidance newsletters for scholarship opportunities. Complete scholarship applications. Observe deadlines. Work closely with your counselor, parents and teachers to finalize your plans. Complete the Free Application for Federal Student Aid (FAFSA). Complete scholarship applications.
Senior year Spring	Continue to search for scholarship opportunities. Make your final college decision. Register for college housing.	Complete final paperwork for college of choice.

APPENDIX H

South Carolina Scholarship and Grant Programs

This is a brief overview of the State Scholarships and Grants program. The information provided is from the South Carolina Commission on Higher Education and is based on the Commission's interpretation of the South Carolina Education Lottery Act. SCCHE information may be changed or updated without notice. Changes may also occur anytime during the legislative process. Although SCCHE attempts to provide up-to-date information on their website (www.che.sc.gov), please seek confirmation of information from the appropriate SCCHA office prior to any action taken.

	Palmetto Fellows Scholarship	LIFE Scholarship	S. C. HOPE Scholarship	S. C. Needs-Based Grant	Lottery Tuition Assistance
Initial Eligibility	Minimum 3.5 cumulative GPA based on S. C. Uniform Grading Scale Rank in top 6% of class at end of Sophomore year Minimum score of 1200 SAT/27 ACT **or** Minimum 4.0 cumulative GPA based on S. C. Uniform Grading Scale Minimum score of 1400 SAT/32 ACT Rank requirement waived	Four Year Institution Must have 2 of 3: Minimum of 3.0 on S. C. Uniform Grading Scale Rank in top 30% of high school graduation class Minimum score of 1100 SAT/24 ACT **or** Minimum 3.0 cumulative GPA based on S. C. Uniform Grading Scale at two - year institution Test score and rank are waived	Minimum 3.0 cumulative GPA based on S. C. Uniform Grading Scale No minimum test score and rank required For students who do not qualify for the LIFE or Palmetto Fellows Program but graduate from high school with at least a B average	No minimum GPA Students must complete Free Application for Federal Student Aid (FAFSA)	No minimum GPA Students must complete Free Application for Federal Student Aid (FAFSA)
Award Amount	Up to $6,700 towards the cost of attendance at eligible four-year Institutions freshman year Up to $7,500 for sophomore, junior, and senior years	Up to $5,000 (incudes $300 book stipend) towards the cost of attendance at eligible four-year Institutions or Up to cost of attendance at eligible two-year institutions plus $300 book stipend	$2,800 (incudes $300 book stipend) towards the cost of attendance at eligible four-year Institutions	Up to $2,500 full time students and $1,250 for part-time students towards the cost of attendance at eligible four-year Institutions	Up to cost of tuition
Renewal Criteria	Minimum 3.0 cumulative GPA and 30 credit hours for graduation purposes each academic year	Minimum 3.0 LIFE GPA and an average 30 credit hours each academic year based on initial college enrollment	This scholarship is for the first year of attendance at a four-year institution only	Fill out FAFSA and minimum 2.0 cumulative GPA and 24 credit hours each academic year if full time and 12 hours part-time	Fill out FAFSA and satisfactory academic progress
Term Limit	Eight consecutive terms toward first bachelor's degree	Two consecutive terms for a certificate or diploma, Four consecutive terms for an associate's degree, and Eight consecutive terms for first bachelor's degree	Up to two consecutive terms of funding	Eight consecutive terms toward bachelor's degree	

APPENDIX I

10-Point Grading Scale

South Carolina Uniform Grading Scale Conversions

Numerical Average	Letter Grade	4.0 Scale	College Prep	Honors	AP/IB/Dual Enrollment
100	A	4.000	5.000	5.500	6.000
99	A	4.000	4.900	5.400	5.900
98	A	4.000	4.800	5.300	5.800
97	A	4.000	4.700	5.200	5.700
96	A	4.000	4.600	5.100	5.600
95	A	4.000	4.500	5.000	5.500
94	A	4.000	4.400	4.900	5.400
93	A	4.000	4.300	4.800	5.300
92	A	4.000	4.200	4.700	5.200
91	A	4.000	4.100	4.600	5.100
90	A	4.000	4.000	4.500	5.000
89	B	3.000	3.900	4.400	4.900
88	B	3.000	3.800	4.300	4.800
87	B	3.000	3.700	4.200	4.700
86	B	3.000	3.600	4.100	4.600
85	B	3.000	3.500	4.000	4.500
84	B	3.000	3.400	3.900	4.400
83	B	3.000	3.300	3.800	4.300
82	B	3.000	3.200	3.700	4.200
81	B	3.000	3.100	3.600	4.100
80	B	3.000	3.000	3.500	4.000
79	C	2.000	2.900	3.400	3.900
78	C	2.000	2.800	3.300	3.800
77	C	2.000	2.700	3.200	3.700
76	C	2.000	2.600	3.100	3.600
75	C	2.000	2.500	3.000	3.500
74	C	2.000	2.400	2.900	3.400
73	C	2.000	2.300	2.800	3.300
72	C	2.000	2.200	2.700	3.200
71	C	2.000	2.100	2.600	3.100
70	C	2.000	2.000	2.500	3.000
69	D	1.000	1.900	2.400	2.900
68	D	1.000	1.800	2.300	2.800
67	D	1.000	1.700	2.200	2.700
66	D	1.000	1.600	2.100	2.600
65	D	1.000	1.500	2.000	2.500
64	D	1.000	1.400	1.900	2.400
63	D	1.000	1.300	1.800	2.300
62	D	1.000	1.200	1.700	2.200
61	D	1.000	1.100	1.600	2.100
60	D	1.000	1.000	1.500	2.000
59	F	0.000	0.900	1.400	1.900
58	F	0.000	0.800	1.300	1.800
57	F	0.000	0.700	1.200	1.700
56	F	0.000	0.600	1.100	1.600
55	F	0.000	0.500	1.000	1.500
54	F	0.000	0.400	0.900	1.400
53	F	0.000	0.300	0.800	1.300
52	F	0.000	0.200	0.700	1.200
51	F	0.000	0.100	0.600	1.100
0-50	F	0.000	0.000	0.000	0.000
50	WF	0.000	0.000	0.000	0.000
50	FA	0.000	0.000	0.000	0.000
-	WP	0.000	0.000	0.000	0.000
-	P	0.000	0.000	0.000	0.000
-	NP	0.000	0.000	0.000	0.000
-	AU	0.000	0.000	0.000	0.000

***Note**: A grade of "incomplete" (I) cannot be assigned to any student or course. See the SCDE Uniform Grading Policy.*

APPENDIX J

7-Point Grading Scale

South Carolina Uniform Grading Scale Conversions

Average	Letter Grade	4.0 Scale	College Prep	Honors	AP/IB/Dual Enrollment
100	A	4.000	4.875	5.375	5.875
99	A	4.000	4.750	5.250	5.750
98	A	4.000	4.625	5.125	5.625
97	A	4.000	4.500	5.000	5.500
96	A	4.000	4.375	4.875	5.375
95	A	4.000	4.250	4.750	5.250
94	A	4.000	4.125	4.625	5.125
93	A	4.000	4.000	4.500	5.000
92	B	3.000	3.875	4.375	4.875
91	B	3.000	3.750	4.250	4.750
90	B	3.000	3.625	4.125	4.625
89	B	3.000	3.500	4.000	4.500
88	B	3.000	3.375	3.875	4.375
87	B	3.000	3.250	3.750	4.250
86	B	3.000	3.125	3.625	4.125
85	B	3.000	3.000	3.500	4.000
84	C	2.000	2.875	3.375	3.875
83	C	2.000	2.750	3.250	3.750
82	C	2.000	2.625	3.125	3.625
81	C	2.000	2.500	3.000	3.500
80	C	2.000	2.375	2.875	3.375
79	C	2.000	2.250	2.750	3.250
78	C	2.000	2.125	2.625	3.125
77	C	2.000	2.000	2.500	3.000
76	D	1.000	1.875	2.375	2.875
75	D	1.000	1.750	2.250	2.750
74	D	1.000	1.625	2.125	2.625
73	D	1.000	1.500	2.000	2.500
72	D	1.000	1.375	1.875	2.375
71	D	1.000	1.250	1.750	2.250
70	D	1.000	1.125	1.625	2.125
69	F	0.000	1.000	1.500	2.000
68	F	0.000	0.875	1.375	1.875
67	F	0.000	0.750	1.250	1.750
66	F	0.000	0.625	1.125	1.625
65	F	0.000	0.500	1.000	1.500
64	F	0.000	0.375	0.875	1.375
63	F	0.000	0.250	0.750	1.250
62	F	0.000	0.125	0.625	1.125
0–61	F	0.000	0.000	0.000	0.000

APPENDIX K

NCAA CORE GPA/TEST SCORE INDEX FOR 16 CORE COURSES

Core GPA	SAT	**ACT** (sum of scores)
3.55o and above	400	37
3.525	410	38
3.500	420	39
3.475	430	40
3.450	440	41
3.425	450	41
3.400	460	42
3.375	470	42
3.350	480	43
3.325	490	44
3.30	500	44
3.275	510	45
3.250	520	46
3.225	530	46
3.200	540	47
3.175	550	47
3.150	560	48
3.125	570	49
3.100	580	49
3.075	590	50
3.050	600	50
3.025	610	51
3.000	620	52
2.975	630	52
2.950	640	53
2.925	650	53
2.900	660	54
2.875	670	55
2.850	680	56
2.825	690	56
2.800	700	57

Core GPA	SAT	**ACT** (sum of scores)
2.775	710	58
2.750	720	59
2.725	730	59
2.700	740	60
2.675	740-750	61
2.650	760	62
2.625	770	63
2.600	780	64
2.575	790	65
2.550	800	66
2.525	810	67
2.500	820	68
2.475	830	69
2.450	840-850	70
2.425	860	70
2.400	860	71
2.375	870	72
2.350	880	73
2.325	890	74
2.300	900	75
2.275	910	76
2.250	920	77
2.225	930	78
2.200	940	79
2.175	950	80
2.150	960	80
2.125	960	81
2.100	970	82
2.075	980	83
2.050	990	84
2.025	1000	85
2.000	1010	86

APPENDIX L

Other Resources

South Carolina Department of Education

Activity Coding System (ACS) Manual (2018-2019; 2/28/2019; 2019-2020 not available)
Uniform Grading Policy (UGP) (February 2018)
CATE Student Reporting Procedures Guide (2018-2019; 2019-2020 not available)

Richland One

School Counseling Services
Student Resources
Parent Resources