

**Kershaw County School District**

# 2012-2013 Course & Career Guide



*Workplace 4-Year College 2-Year College Military*

# 2012-2013 Course & Career Guide

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## District Course Guide

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### The Mission of the Kershaw County School District

The mission of the Kershaw County School District is to provide a positive, safe, and rigorous learning environment in which a highly motivated and nurturing staff prepares students for success.

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## Introduction

The South Carolina Education and Economic Development Act (EEDA) is intended to provide students “with both strong academics and real world problem solving skills,” as well as “individualized educational, academic, and career-oriented choices and greater exposure to career information and opportunities.” The EEDA is designed to increase achievement, reduce dropouts and better prepare students for postsecondary education and employment by helping students and their parents make more informed decisions about their education and future.

At the core of *Personal Pathways to Success* ([www.scpathways.org](http://www.scpathways.org)) is the development of the Individual Graduation Plan (IGP) for high school, college and beyond. This is done through partnerships with parents, counselors and career counselors to help guide students towards their ambitions.

This Course and Career Guide is an important tool for students in establishing their high school academic plan. This document has been designed to acquaint students with their options and to guide them through the course selection process. Along with challenging academics and core courses, students have opportunities through the Career Cluster/Major program to either sample career areas of interest or get a head start on their life’s work. There is flexibility built into the process so that if the student’s desires change, their plan can be adjusted. The district wants students to push themselves academically and take full advantage of provided opportunities.

Kershaw County School District focuses on a curriculum that provides opportunities for students to further their education after high school. As the task of the modern American workplace becomes more complex, career planning is and must be an important part of the high school curriculum. In today’s changing world, young people cannot afford to “just get a job.” Instead, they must carefully evaluate their interests as well as their aptitudes and abilities so that they can chart a course for success. Students must recognize that the future is not somewhere they are going; rather, it is some place they are making.

A comprehensive listing of each course is provided. This listing provides the grade level at which each course is taught the course weight, credit, prerequisites and whether a course needs an elective.

Please contact one of the guidance counselors with questions or concerns about registration or any course offerings. The school district appreciates each student’s interest in the high school program.

## High School Graduation Requirements

### 24 Unit Requirements for High School Graduation

To qualify for a South Carolina High School Diploma, a student must earn a total of 24 units of credit in state-approved courses distributed as follows:

English/Language Arts	4 units
Mathematics	4 units
Science Class of 2011 thru 2014 may count Physical Science or Biology Class of 2015 and beyond must include Biology	3 units
U.S. History and Constitution	1 unit
Economics	1/2 unit
US Government	1/2 unit
Other Social Studies	1 unit
Physical Education or JROTC	1 unit
Computer Science	1 unit
World Language or Career and Technology Education	1 unit
Electives	7 units
<b>TOTAL</b>	<b>24 units</b>

1. Must pass the exit examination.
2. Must demonstrate proficiency in computer literacy before graduation.
3. To meet the state high school diploma requirements for students in a college preparatory program, one unit must be earned in a world language (most four-year colleges and universities require at least two units of the same world language); and for students in a technology preparation program, one unit must be earned in Career and Technology Education.

Course selection will depend on satisfying prerequisites.

College admissions require two or more units of the same world language and three units of lab science.

### Promotion Policy

10th grade	Complete 6 units including: 1 English unit + 1 Math unit + complete 1 year in high school
11th grade	Complete 12 units including: 2 English units + 2 Math units + complete 2 years in high school
12th grade	Complete 18 units including: 3 English units + 2 Math units + complete 3 years in high school 3 Math units + 2 English units + complete 3 years in high school
Secondary students will be classified by grade only at the beginning of each school year or when enrolling in the district for the first time. Second year students are tested.	

### Kershaw County School District Academic Honors Medal

The Academic Honors Medal will be awarded to students who have successfully completed all state requirements, earned a total of **28 Carnegie units of credit**, and who have passed the state High School Exit Exam. At least two Advanced Placement (AP) courses or four dual enrollment courses or a combination of one AP and two dual enrollment courses must be successfully completed. A grade point average of **3.5** is required. The credits required to receive this diploma are listed below.

English/Language Arts	4 units
Mathematics (Geometry and Algebra required)	4 units
Natural Science (Biology 1, Physical Science and Chemistry required)	4 units *
U.S. History and Constitution	1 unit
Economics	1/2 unit
U.S. Government	1/2 unit
Other Social Studies	2 units *
Physical Education or JROTC	1 unit
Computer Science (including keyboarding)	1 unit
World Language (same language)	2 units *
Electives	8 units *
<b>TOTAL</b>	<b>28 units *</b>

(\* The medal requires four more units than are required for the basic high school diploma. These required units include an additional unit in science, social studies, world language and an elective.)

**Rationale: The Academic Honors Medal is offered to reward students who have exhibited exceptional academic commitment and performance in preparation for endeavors beyond high school graduation. This medal is designed to distinguish such students, and serve to motivate other students to strive toward high academic accomplishment. Students earning this medal will be honored at high school graduation ceremonies.**

## Extended Learning Opportunities

The Kershaw County School District goal is to provide **all** students a challenging curriculum throughout their high school career. Extended opportunities are designed for qualified juniors and seniors based on their goals and are offered in a variety of instructional formats.

- On the student's high school campus or other school/district-approved site
- On the campus of Central Carolina Technical College or another location
- Via the Internet

Examples of extended opportunities include Advanced Placement (AP) courses, dual enrollment courses, virtual courses, career and technical education, and work-based learning opportunities. These opportunities provide both strong academics and real world problem solving skills.

Advanced Placement is offered to junior and seniors as college-level courses and exams. Students have the opportunity to receive advanced placement and/or credit when they get to college. The main value is derived from the intensive course of study that includes additional reading, writing and discussion opportunities. **It will be the responsibility of the student and parent to contact the college the student plans to attend to verify course credit.**

Juniors and seniors have the opportunity to earn credit in both high school and college while taking courses from Central Carolina Technical College in the dual enrollment program. Dual enrollment courses are appropriate for advanced learners who can meet college entrance requirements while still in high school.

Virtual learning instruction involves teaching 10th, 11th, and 12th grade students course content via the Internet. These courses are offered through South Carolina Virtual School (SCVS).

Students can learn about careers, specific job skills and other workplace expectations by participating in career and technology courses and work-based learning opportunities such as job shadowing and internships.

Students should consult with their guidance counselor to select the best course option and to obtain permission to take advantage of these opportunities. To get involved in these programs the student needs to work with their counselor to help plan course selections through the development of an Individual Graduation Plan (IGP).

## Advanced Placement Courses

Advanced Placement is offered to junior and seniors as college-level courses and exams. Students have the opportunity to receive advanced placement and/or credit when they get to college. The main value is derived from the intensive course of study that includes additional reading, writing and discussion opportunities. A subject can be learned in greater depth than regular classes, with the chance available to develop analytical reasoning skills.

AP courses are available in the district, based on sufficient enrollment. These courses are taken during the junior and senior years. Students must meet the established criteria before they can enroll in each of the courses. The specific criteria are explained in the course descriptions. Students must work with the assigned counselor to develop an IGP for their secondary course selections which include honors and AP classes.

These courses offer college-level instruction in high school, preparing the student for the rigors of college. In addition, the students must take the AP exams, which may qualify them for college credit and advanced standing in some colleges and universities throughout the United States.

These very rigorous courses are taught on a college level. Students take the AP exams in May. Scores of 3, 4, or 5 on a scale of 1 to 5 may earn college credit, depending on the individual college's policy. **It will be the responsibility of the student and parent to contact the college the student plans to attend to verify course credit.** There is no cost associated with participation in the AP program. Tests are paid for by the state.

Students need to check with the college they plan to attend in order to verify course transferability (i.e., as elective credit, a major course requirement, a general education requirement, etc.). **Students must understand that colleges have the final say regarding how college credit transfers to their institutions.** For additional information on college course transfers and articulation agreements at state colleges and universities, go to [www.SCTRAC.org](http://www.SCTRAC.org), the website for the S.C. Transfer and Articulation Center.

Each AP exam given is given in May and is a three-hour test of multiple-choice and free-response questions that require essay writing, problem-solving and other skills. The tests are administered by the Kershaw County School District.

## Dual Enrollment

Juniors and seniors have the opportunity to earn credit in both high school and college while taking courses from Central Carolina Technical College in the dual enrollment program. Dual enrollment courses are appropriate for advanced learners in high school, who can meet college entrance requirements (i.e., entrance examination requirements for readiness to commence college work without non-credit remediation courses). Dual enrollment courses are not appropriate for students who cannot meet college entrance requirements or who are required to take "developmental" or remedial courses that will not satisfy degree requirements.

- The primary purpose of offering dual enrollment courses is to deliver high-quality experiences to high-performing high school students.
- Dual enrollment courses are suitable to challenge students who are mastering the high school curriculum and who require college-level course work that is more rigorous than the high school curriculum.
- Dual enrollment courses enrich and extend the high school curriculum and provide introductory college coursework.
- Dual enrollment courses promote gradual transition to the college work load.
- Dual enrollment courses give students a jump start on college.
- Each three-semester-hour college course will receive one Carnegie unit credit.

### General Conditions

Students must

- Demonstrate through placement testing or other assessment procedures they have the necessary prerequisite knowledge and skills to successfully handle college-level courses.
- Attend classes in accordance with the college attendance policy and meet all expectations of the instructor according to the course syllabus and published policies/procedures.
- Review the college catalog regarding grading policies and other relevant information.
- Provide own transportation if not on campus.
- Understand dual credit (college credit applicable towards high school graduation) can only be awarded by the high school.

- Understand failing a dual enrollment courses may delay high school graduation.
- Understand final grade(s) on any college course(s) taken in high school will be included in future LIFE scholarship eligibility calculations.
- Understand these courses affect college GPA (Grade Point Average).

### Tips for Success

Students who are taking courses for transfer to another college/university should

- Check with the college the student plans to attend in order to verify course transferability (i.e., as elective credit, a major course requirement, a general education requirement, etc.). Students must understand that colleges have the final say regarding how college credit transfers to their institutions. *By enrolling in one of these courses, students should be aware that they are establishing an official transcript; consequently, it is important that they have the time to devote to the class.*
- Determine the grade that must be earned in order to transfer.
- Determine what effect—if any—college credits will have on admission status or scholarship eligibility.
- Determine when and where college transcript should be sent in order to complete admission procedures.
- Understand taking college classes means that a college transcript will be generated, which must be stated on admission and financial aid applications, so it is important to be in “good academic standing”.
- Understand accepting Lottery Tuition Assistance (LTA), which requires admission into a college major, may have an impact on LIFE scholarships for students entering college, and that accepting LTA could possibly affect other types of scholarships students may hope to receive.
- Students needing assistance with tuition and textbook costs should check with a guidance counselor. Central Carolina has funding assistance available on a needs basis.

### General Information

Students must obtain both parent and principal’s permission to enroll in courses. After permission is granted, guidance counselors will assist students in the process of enrollment in classes that fit their schedules, needs, and abilities. Pending a grade of ‘C’ or better in the first classes attempted, students may enroll in subsequent classes as schedules permit. Grades of less than a ‘B’ in courses may affect the student’s eligibility for LIFE scholarships. Class times vary for course offerings each semester. Classes can be held on alternate days two days per week for a (16 weeks) semester, or they can be four days per week for a (8 weeks) mini-semester. Lottery Tuition Assistance (LTA) may be available to dual enrollment students who take at least six hours per semester. Guidance counselors will provide students with information related to specific costs and locations of Central Carolina Technical College classes.

## South Carolina Virtual and A+ Courses

The South Carolina Virtual School (SCVS) provides online courses as an effective alternative for content recovery, Advanced Placement courses, meeting graduation requirements and resolving student schedule conflicts.

Virtual learning instruction involves teaching 10th, 11th and 12th grade students course content via the Internet. As in traditional, face-to-face classroom, teachers facilitate daily learning activities such as discussions, projects, labs, group work, and writing workshops. By providing feedback, remediation, and enrichment, virtual learning instructors guide students through SCVS and A+ content approved courses.

SCVS and A+ offer flexibility. Students can access the courses anytime during the school day. Teachers will post materials for completion, communicate via chat, e-mail and discussion questions. SCVS and A+ provide opportunities for content recovery and initial credit by keeping students on track, providing access to the content they need and helping students graduate on time.

All SCVS and A+ courses are accredited. Guidance counselors will provide information on available course. Upon completion of a course, grades will be sent to the student's home school. Students may contact the school guidance counselor upon completion of the course for grade related information.

### Grading Guidelines

1. Students taking a course for the first time will receive the grade earned in the virtual high school course. The weighting of the course will be determined according to the uniform grading scale.
2. Students taking content recovery courses for previously failed coursework (must have a grade in that course between 61 and 69) will receive a maximum passing grade of 70 after satisfactorily completing a course. The grade of 70 replaces any other grade earned.
3. If a student chooses to take an online course and receives a passing grade but has missed too many days to receive credit, the student must make up their attendance in attendance recovery. The grade originally earned will be the grade given after attendance is made up.
4. A student may take a course that he or she has previously passed or failed (within a two year period) if the student is not satisfied with the grade earned. The grade earned in the repeat course is the grade received.
5. A student may take two online courses per semester.

## **Work-based Learning**

Students can learn about careers, specific job skills and other workplace expectations by participating in work-based learning opportunities such as job shadowing and internships.

Such opportunities are generally connected to a student's declared career cluster or career major on his or her Individual Graduation Plan (IGP) and take place off campus in area workplaces which formally agree to mentor a student.

Participation in work-based learning must be coordinated and supervised through the student's teacher, a career counselor in the guidance department or the school district's Education Economic Development coordinator.

An application and specified preparation must be completed prior to work-based learning being permitted. Parent or guardian permission is required and students must provide their own transportation to the participating work site.

Job shadowing is available to students in grades 9-12. Internships are restricted to juniors and seniors. Carnegie units are not awarded for participation in a shadowing or internship.

## **Career and Technology Education**

Career and Technology Education (CATE) is available to all students in grades 10-12. Ninth grade students may attend with principal recommendation. Most of these programs are located at the Applied Technology Education Campus (ATEC).

CATE programs combines technical and academic skills with career and workplace knowledge to ensure students are prepared to succeed in the world of work in the 21<sup>st</sup> century. Students who complete a CATE program may earn college credit through articulation with technical colleges. Rigor is enhanced by providing the opportunity to achieve national industry/business certification. These certifications range in cost of \$25 to \$260 depending on the type and number of certification areas.

## Eligibility for Participation in Sports/Activities

In order to participate in athletic activities of the South Carolina High School League, a student must be enrolled in and attending a member or associate member school. The student must also meet other necessary requirements of all sections of this article.

### Age Limitation

- A student who becomes 19 years of age prior to July 1, 2012, will not be eligible to compete in any athletic activities during the 2012-2013 school year. Should a student become too old for a 7<sup>th</sup> and 8<sup>th</sup> grade team, he may be considered as enrolled in the 9<sup>th</sup> grade for eligibility purposes.
- Refer to A-25 for junior high and middle school limitations.
- **The League's age rule may not be set-aside under the special conditions section of the Constitution.**

### Birth Certification

- Schools shall have on file a copy of an official birth document for all student athletes. Any questions on authenticity will be submitted to the League office.
- Official birth documents must meet the following criteria:
  - It must be an original certified document.
  - It must be obtained from the state, county, or city government in which the student was born.
  - It must include the given and surnames.
  - It must be legible and unaltered.
- The following will not be accepted:
  - Hospital certificates
  - Birth notices
  - Copies certified by Notaries
  - Foreign birth certificates
- Students participating in programs of associate member schools will submit official birth certificates to their principal for approval. Copies must be kept on file in the school.

### Academic Requirements

- A student, while participating, must be a full-time student as determined by guidelines set forth by the S.C. Department of Education. A student who is repeating a course for which he has previously received credit cannot count this course as one required for eligibility. This is considered as monitoring a course.
- To participate in interscholastic athletic activities, students in grades 9-12 must achieve an **overall passing average** in addition to the following:
  - To be eligible in the first semester a student must pass a minimum of five Carnegie units applicable toward a high school diploma during the previous year. At least two units must have been passed during the second semester or summer school.
- To be eligible during the second semester the student must meet one of the following conditions:
  - If the student met first semester eligibility requirements then he or she must pass the equivalent of four, ½ units during the first semester.
  - If the student did not meet first semester eligibility requirements then he or she must pass the equivalent of five, ½ units during the first semester.
- Students who receive special education services and/or have Individual Education Plans (IEP's) should see the school activities director for information on eligibility to participate in extracurricular activities.

In a 4 X 4 block schedule where units or ½ units are granted at the end of the first semester the following will apply:

- If eligible first semester, must earn 2 units.
  - If not eligible first semester, must earn 2 ½ units.
- 
- Students must satisfy eligibility requirements in the semester preceding participation.
    - Credits earned in a summer school approved by the S.C. Department of Education may apply for first semester eligibility. A maximum of two units per year may be used.
    - Students eligible for a first semester sport will be permitted to complete sport even if it extends into the second semester. Under the current League program, this will apply to participants in basketball and wrestling in the high school and middle school programs.

The student handbook has details of these policies. The sponsor, coach, or guidance counselor can also explain these. Student eligibility is checked each semester.

**For further information refer to the High School League Constitution on the following website:**  
[www.schsl.org](http://www.schsl.org)

## NCAA Eligibility Requirements

### Division I only – 16 core courses

Students planning to enter college will need to present 16 core courses in the following breakdown:

- 4 years of English
- 3 years of mathematics (Algebra 1 or higher)
- 2 years of natural /physical science (one must be a lab science)
- 1 year of additional English, math or science
- 2 years of social studies
- 4 years of additional core courses (from any area listed above, or from world language, non-doctrinal religion or philosophy)

See guidance counselors for core GPA and Test Score Index for Division I.

**For more information concerning the college-bound student athlete refer to the following website:**

<http://www1.ncaa.org/eprise/main/parent-prospect/index.html>  
[http://www.nflhs.com/academics/features/eligibility\\_08242001\\_sim.asp](http://www.nflhs.com/academics/features/eligibility_08242001_sim.asp)

## Commencement Participation

Participation in commencement activities is a privilege that must be earned and may be denied at the discretion of the administration of each high school. To participate in commencement activities, a student must meet the requirements for a diploma or be eligible for a certificate.

**Diploma requirement:** A diploma will be presented to any student who meets the State Board of Education's requirements for graduation.

**Certificate eligibility:** A certificate may be presented to any 12<sup>th</sup> grader who has not met the requirements for a diploma or any special education student who completes the requirements for a certificate in his/her Individualized Educational Plan (IEP).

## Uniform Grading Policy for South Carolina High Schools

A uniform grading policy applies in all South Carolina high schools. Highlights of the policy include the following:

- All grades on report cards and transcripts in South Carolina public high schools will be numerical.
- All report cards and transcripts will use numerical grades for courses carrying Carnegie units.
- The uniform grading scale is effective for all students receiving Carnegie units.
- The numerical breaks for corresponding letter grades are:

Numerical Average	Letter Grade
93-100	A
85-92	B
77-84	C
70-76	D
Below-70	F

- A student's grade point average and rank in class will be figured from a grade point conversion table that is available from school guidance counselors.
- Honors courses are indicated in the title of the courses in this guide.

All South Carolina public schools use the following formula to compute all GPAs:

$$\text{GPA} = \frac{\text{sum (quality points x units)}}{\text{sum of units attempted}}$$

#### STUDENT EXAMPLE

Course Taken	Numerical Average	Quality Points	Unit
English 1	91	3.750	1
Algebra 1	87	3.250	1
Physical Science	94	4.125	1
World Geography, Honors	83	3.250	1
Physical Education	92	3.875	.5
French 1	84	2.875	1

#### COMPUTATION

Quality Points		Units			
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	.5	=	1.9375	
2.875	x	1.0	=	2.875	
sum of units attempted →		<b>5.5</b>		<b>19.1875</b>	← sum of quality points x units

sum of quality points x units  
divided by sum of units attempted →  $19.1875 \div 5.5 = 3.488636$  ← student's GPA

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

### Weightings

Two categories of weights are allowed.

- An additional .5 quality point is added to the CP weighting for Honors courses
- An additional 1.0 quality point is added to the CP weighting for the Advanced Placement and dual credit courses (each three-semester-hour college course will receive one Carnegie unit credit).

### **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 10 days in a 180-day course will do so without penalty.

Students who withdraw from a course after the specified time of three days in a 45-day course, five days in a 90-day course, or 10 days in a 180-day course shall be assigned a WF, and the F (as a 61) will be calculated in the student's overall grade point average.

The three-, five-, and 10-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. Withdrawal limitations for distance learning courses will be established by local districts.

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

- The student will receive a WP if he or she was passing the course. The grade of WP will carry no Carnegie units 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 Carnegie units but will be factored into the student's GPA as a 61.

If a student fails a course due to excessive absences, an 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 61.

### **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 = 96, B = 88, C = 80, D = 73, F = 61. 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 70, that average will be converted to a 73 numerical grade on the new scale. See State Board of Education Regulation 43-273 for complete information on transfers and withdrawals. The criteria for accepting transcripts from home schools are a local decision.

If the transcript shows that the student has earned a grade of P (passing), 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. If no numerical average can be obtained from the sending institution, 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 89. A grade of P, in other words, will neither positively nor negatively impact the student's transfer GPA.)

### **The Grade of "Incomplete"**

An "incomplete" grade is given when the student has neither dropped nor withdrawn from the course and work has not been completed by the end of the course. The length of time in which the "I" is allowed should not extend beyond the 10<sup>th</sup> day of the following semester. A grade of "I" cannot be given to students who are expelled from school. Specific regulations apply for the assignment of grades of expelled students.

### **Retaking a Course**

Students may retake a course at the same level of difficulty if they have earned a D or an F in that course. The student's record will reflect all courses he or she has taken and the grades he or she has earned.

The student may retake the course either during the current school year or during the next school year but no later than that second year. In addition, the student must retake the course before he or she has enrolled in the next sequential course (unless the student is granted approval by school administration to do so).

A student who has taken a course for a Carnegie unit prior to his or her ninth-grade year may retake that course regardless of the grade he or she has earned. In such a case, only the retake grade will be used in figuring the student's GPA, and only the retake attempt will show on the transcript. This rule will apply whether the retake grade is higher or lower than the grade the student previously earned.

## Grade Point Conversion Chart

South Carolina Uniform Grading Scale Conversions				
Numerical Average	Letter Grade	College Prep	Honors	Dual Credit AP/IB
100	A	4.875	5.375	5.875
99	A	4.750	5.250	5.750
98	A	4.625	5.125	5.625
97	A	4.500	5.000	5.500
96	A	4.375	4.875	5.375
95	A	4.250	4.750	5.250
94	A	4.125	4.625	5.125
93	A	4.000	4.500	5.000
92	B	3.875	4.375	4.875
91	B	3.750	4.250	4.750
90	B	3.625	4.125	4.625
89	B	3.500	4.000	4.500
88	B	3.375	3.875	4.375
87	B	3.250	3.750	4.250
86	B	3.125	3.625	4.125
85	B	3.000	3.500	4.000
84	C	2.875	3.375	3.875
83	C	2.750	3.250	3.750
82	C	2.625	3.125	3.625
81	C	2.500	3.000	3.500
80	C	2.375	2.875	3.375
79	C	2.250	2.750	3.250
78	C	2.125	2.625	3.125
77	C	2.000	2.500	3.000
76	D	1.875	2.375	2.875
75	D	1.750	2.250	2.750
74	D	1.625	2.125	2.625
73	D	1.500	2.000	2.500
72	D	1.375	1.875	2.375
71	D	1.250	1.750	2.250
70	D	1.125	1.625	2.125
69	F	1.000	1.500	2.000
68	F	0.875	1.375	1.875
67	F	0.750	1.250	1.750
66	F	0.625	1.125	1.625
65	F	0.500	1.000	1.500
64	F	0.375	0.875	1.375
63	F	0.250	0.750	1.250
62	F	0.125	0.625	1.125
0-61	F	0.000	0.000	0.000
61	FA	0.000	0.000	0.000
61	WF	0.000	0.000	0.000
--	WP	0.000	0.000	0.000

## Curriculum Framework

### Career Clusters

To provide a curriculum that is challenging and relevant, Kershaw County Schools organizes its curriculum around clusters of studies. This comprehensive curriculum framework includes the following components: Schools of Study, Clusters of Study, Majors, and Individual Graduation Plan. This framework is patterned after the S.C. Department of Education's "Personal Pathways to Success." ([www.scpathways.org](http://www.scpathways.org))

### Overview

Technological advances and global competition have transformed the nature of today's workforce. Tomorrow's jobs will require more knowledge, better skills, and more flexible workers than ever before. Tomorrow's workers must be prepared to change jobs and careers several times, continually updating their knowledge and skills.

To prepare today's students, schools are working to ensure students achieve the necessary academic and technical skills. One approach is to provide students with contextual learning and a curriculum organized around careers that enable them to become lifelong learners.

Career clusters link what students learn in school with the knowledge and skills they need for success in college and careers. By combining academics with relevant career education, career clusters provide the most direct answer to the question all students ask: *Why should I care about school? Why should I work hard and do well in class? What is in this for me?*

Career clusters identify pathways from high school to post-secondary education and the workplace. It helps students make smarter education and career decisions. By making a connection to their future, career clusters motivate students to work harder and enroll in more rigorous courses.

The curriculum framework designed by the Kershaw County School District has each student developing an **Individual Graduation Plan (IGP)** in the eighth grade and updating that plan every year after during high school. Each student must declare a career major in the spring of his sophomore year. This decision must include the involvement and cooperative effort of parents, teachers and school counselors in assisting students as they set career goals to chart their future.

### Framework

A comprehensive curriculum framework includes the following elements:

- School of study
- Clusters of study
- Majors for each cluster of study
- An Individual Graduation Plan (IGP)

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

- School of Arts and Humanities
- School of Business, Management and Information Systems
- School of Engineering, Manufacturing, and Industrial Technologies
- School of Health Science and Human Services
- School of Public Services

**A cluster of study** is a means of organizing instruction and student experiences around broad categories that encompass virtually all occupations from entry level through professional levels. Clusters of study provide a way to organize and tailor course work and learning experiences around areas of interests. Clusters of study are designed to provide a seamless transition from high school study to postsecondary study and/or the workforce.

Each cluster of study is composed of **majors**. A **major** consists of the completion of at least four required units of study in that area. It is recommended students take at least one course at the highest level offered in a major.

There are 16 clusters of study sanctioned by South Carolina. Kershaw County School District offers majors in 14 of the 16 clusters listed below.

- Arts, A/V Technology and Communications
- Education and Training
- Business, Management and Administration
- Finance – (No majors offered by KCSD)
- Hospitality and Tourism
- Information Technology
- Marketing, Sales and Service
- Agriculture, Food and Natural Resources
- Architecture and Construction
- Manufacturing
- Science, Technology, Engineering and Mathematics
- Transportation, Distribution and Logistics
- Health Science
- Human Services
- Government and Public Administration – (No majors offered by KCSD)
- Law, Public Safety and Security

### **Individual Graduation Plan**

The purpose of the Individual Graduation Plan (IGP) is to assist students and their parents in exploring education and career options and in making appropriate secondary and post-secondary decisions. The IGP is part of the career planner. The IGP records the student's preferred career cluster, a career major and planned or completed course work from ninth to 12<sup>th</sup> grade to support the career goals. The IGP will also include a post-secondary objective and planned or completed extracurricular activities and work-based learning experiences.

#### **Developing the IGP**

School counselors begin working with students regarding career interests, clusters of study, majors, post-secondary choices, and high school options through individual and group counseling in the sixth grade. This includes information on academic and career goals, career activities, and access to career resources. Teacher and parent involvement throughout this process is vital.

## Process of Developing an IGP

### 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 career shadowing and career fairs.

### Eighth Grade

- Students choose a school of study they would like to explore.
- Working with their parents, counselors, and teachers, students begin developing an IGP to include academic as well as career-related courses. There will be a strong focus on course selection for the ninth grade.
- Students have the opportunity to participate in career shadowing.

### Ninth Grade

- Students choose a career cluster to explore. Students may declare a major, focusing their elective choices in a particular area.
- Students have the opportunity to participate in career shadowing.
- Students review and update their IGP.
- Students begin to explore post-secondary opportunities.

### Tenth Grade

- Students declare a major if they have not done so in the ninth grade.
- Students have the opportunity to participate in extended learning opportunities.
- Students review and update their IGP.
- Students begin to develop post-secondary goals.

### Eleventh Grade

- Students review and update their IGP with particular attention being given to post-secondary goals.
- Students have the opportunity to participate in extended learning opportunities.

### Twelfth Grade

- Students update their IGP to include post secondary plans.
- Students complete requirements for a major.
- Students have the opportunity to participate in extended learning opportunities
- Students receive recognition at graduation for completion of a major.

### Post-secondary

- Students follow aligned career cluster pathways to a two or four-year college, the military, other post-secondary education or training, or employment.
- Students obtain rewarding entry-level employment within chosen career cluster.
- Students continue to refine career choices throughout their lifetime learning

**IGP Majors**

<b>School of Arts and Humanities</b>	
<b><u>Arts, A/V Technology and Communications Cluster</u></b>	
Majors:	Commercial Art Graphic Communications Journalism and Mass Communications English World Language Performing Arts Visual Arts
<b><u>Education and Training Cluster</u></b>	
Majors:	Teaching Early Childhood Education Advanced Placement/Dual Enrollment

<b>School of Business, Management and Information Systems</b>	
<b><u>Business, Management and Administration Cluster</u></b>	
Majors:	Business Information Management General Management
<b><u>Information Technology Cluster</u></b>	
Major:	PC Repair
<b><u>Marketing, Sales and Service Cluster</u></b>	
Major:	Marketing
<b><u>Hospitality and Tourism Cluster</u></b>	
Majors:	Culinary Arts Hospitality Management and Operations

<b>School of Engineering, Manufacturing, and Industrial Technologies</b>	
<b><u>Architecture and Construction Cluster</u></b>	
Major:	Carpentry and Residential Construction
<b><u>Manufacturing Cluster</u></b>	
Majors:	Precision Metalworking Welding
<b><u>Science, Technology, Engineering and Mathematics Cluster</u></b>	
Majors:	Math Science
<b><u>Transportation Distribution and Logistics Cluster</u></b>	
Majors:	Automotive Collision Technology Automotive Technology

<b>School of Health Science and Human Services</b>	
<b><u>Health Science Cluster</u></b>	
Majors:	Health Science Sports Medicine
<b><u>Human Services Cluster</u></b>	
Major:	Cosmetology
<b><u>Agriculture, Food and Natural Resources Cluster</u></b>	
Majors:	Natural Resources Management Horticulture Animal Science

<b>School of Public Services</b>	
<b><u>Law, Public Safety and Security Cluster</u></b>	
Majors:	Social Studies Military Law Enforcement Services Fire and Emergency Services

**SAMPLE CORE CHOICES**

**See the guidance counselor for course sequencing based on IGP.**

Required Core for Graduation	<i>For additional college entrance requirements, refer to the college chosen.</i>			
	9	10	11	12
<b>Math*</b> Four Units	( ) Algebra 1A ( ) Algebra 1 ( ) Geometry ( ) Honors Geometry ( ) Algebra 1B	( ) Algebra 2 ( ) Honors Algebra 2 ( ) Geometry	( ) Honors Algebra 3 ( ) Algebra 2 ( ) Geometry ( ) Algebra 3 ( ) Probability and Statistics ( ) Honors Probability & Statistics ( ) Pre-Calculus	( ) Probability and Statistics ( ) Honors Pre-Calculus ( ) Pre-Calculus ( ) AP Calculus ( ) AP Statistics ( ) CCTC
<b>English*</b> Four Units	( ) English 1 ( ) English 2 ( ) Honors English 2	( ) English 2 ( ) English 3 ( ) Honors English 2 ( ) Honors English 3	( ) English 3 ( ) English 4 ( ) Honors English 3 ( ) Honors English 4	( ) English 4 ( ) Advanced Composition ( ) Honors English 4 ( ) Honors Advanced Composition
<b>Science*</b> Three Units	( ) Physical Science ( ) Hon Physical Science ( ) Applied Biology 1 ( ) Biology 1	( ) Biology 1 ( ) Applied Biology ( ) Honors Biology 1 ( ) Applied Biology 2 ( ) Biology 2 ( ) Physical Science	( ) Chemistry 1 ( ) Honors Chemistry 1 ( ) Earth Science ( ) AP Chemistry 1 ( ) Honors Biology 2	( ) Physics ( ) Honors Physics ( ) AP Physics ( ) AP Biology ( ) Earth Science ( ) Zoology
<b>Social Studies</b> Three Units	( ) Law Education ( ) World History ( ) World Geography ( ) Honors World History ( ) Honors World Geography	( ) Law Education ( ) World History ( ) World Geography ( ) Honors World History ( ) Honors World Geography ( ) Honors European History ( ) Sociology ( ) Mentor Tutoring	( ) U.S. History ( ) Honors U.S. History ( ) Law Education ( ) World History ( ) World Geography ( ) Honors World History ( ) Honors World Geography ( ) Honors European History ( ) Sociology ( ) Mentor Tutoring ( ) Honors Teacher Cadet ( ) Psychology ( ) Honors Government & Economics ( ) CCTC	( ) U.S. Government ( ) Economics ( ) U.S. History ( ) Honors U.S. History ( ) Law Education ( ) World History ( ) World Geography ( ) Honors World History ( ) Honors World Geography ( ) Honors European History ( ) Sociology ( ) Mentor Tutoring ( ) Honors Teacher Cadet ( ) Psychology ( ) Honors Government & Economics ( ) CCTC
<b>World Language/ Electives</b>				
<b>Additional State Requirements</b>	Physical Education <i>or</i> JROTC (1) <input type="checkbox"/> Electives (6) <input type="checkbox"/> World Language or Career & Technology Education Course (1) <input type="checkbox"/> Computer Science (1) <input type="checkbox"/> Fine Arts(1) <input type="checkbox"/> Pass High School Assessment Program (HSAP) <input type="checkbox"/>			

<b>School of Arts and Humanities</b>	
<b><u>Arts, A/V Technology and Communications Cluster</u></b>	
Majors:	Commercial Art Graphic Communications Journalism and Mass Communications English World Language Performing Arts Visual Arts
<b><u>Education and Training Cluster</u></b>	
Majors:	Teaching Early Childhood Education Advanced Placement/Dual Enrollment

Students are never locked into a specific cluster or major. Students can change majors if their career interests change. They can use the curriculum framework, with its schools of study, clusters of study and majors, and career assessment information in making these decisions.

**School of: Arts and Humanities****Cluster of Study: Arts, A/V Technology and Communications****Major: Commercial Art**

<b>Required Courses for Major</b> 4 Carnegie units required	<b>Complementary Coursework</b>	<b>Extended Learning Opportunity Options Related to Major</b>
Commercial Art 1 Commercial Art 2	Art 1, 2, 3 Graphic Communications 1 and 2 Commercial Art 3 and 4 Journalism AP Art	Career Mentoring Internship Shadowing

**Professional Opportunities upon Graduation**

*For additional college entrance requirements, the student should refer to the college of their choice.*

<b>High School Diploma</b>	<b>2-Year Associate Degree</b>	<b>4-Year Degree &amp; Higher</b>
Engraving Technician Silk Screener Sign Designer	Advertising Layout Assistant Commercial Artist Interior Designer	Advertising Account Executive Art Director Art Teacher

Course selection will depend on satisfying prerequisites.

For more information concerning this career refer to: <http://www.kershaw.k12.sc.us/careerconnections/>

**School of: Arts and Humanities****Cluster of Study: Arts, A/V Technology and Communications****Major: Graphic Communications**

<b>Required Courses for Major</b> 4 Carnegie units required	<b>Complementary Coursework</b>	<b>Extended Learning Opportunity Options Related to Major</b>
Graphic Communications 1 Graphic Communications 2	Graphic Communications 3 and 4 Commercial Art 1 and 2 Photography Journalism 1 and 2 Art 1, 2, 3 AP Art	Career Mentoring Internship Shadowing

**Professional Opportunities upon Graduation**

*For additional college entrance requirements, the student should refer to the college of their choice.*

<b>High School Diploma</b>	<b>2-Year Associate Degree</b>	<b>4-Year Degree &amp; Higher</b>
Book Binder Photographer Press Operator	Advertising Layout Assistant Graphic Designer Web Designer	Art Director Art Teacher Advertising Account Director Illustrator

Course selection will depend on satisfying prerequisites.

For more information concerning this career refer to: <http://www.kershaw.k12.sc.us/careerconnections/>

**School of: Arts and Humanities****Cluster of Study: Arts, A/V Technology and Communications****Major: Journalism and Mass Communications**

<b>Required Courses for Major</b> 4 Carnegie units required	<b>Complementary Coursework</b>	<b>Extended Learning Opportunity Options Related to Major</b>
Journalism 1            Desktop Publishing Journalism 2            Web Page Design Advanced Composition Graphic Communications 1 AP English Newspaper or Yearbook AP Language Composition	Art courses World language courses Social Studies courses *Public Speaking Speech Multimedia	Career Mentoring Internship Shadowing

\*dual enrollment class

<b>High School Diploma</b>	<b>2-Year Associate Degree</b>	<b>4-Year Degree &amp; Higher</b>
Layout Designer Broadcast Technician Audio/Video Operator	Technical Writer Proofreader Reporter	Journalist Television Anchor Station Manager Media Specialist

Course selection will depend on satisfying prerequisites.

For more information concerning this career refer to: <http://www.kershaw.k12.sc.us/careerconnections/>**School of: Arts and Humanities****Cluster of Study: Arts, A/V Technology and Communications****Major: English**

<b>Required Courses for Major</b> 4 Carnegie units required	<b>Complementary Coursework</b>	<b>Extended Learning Opportunity Options Related to Major</b>
*Eng 101/102            AP English Lit Honors English 3            Journalism 2 Honors English 4 AP English Language Advanced Composition	Teacher Cadet Fine Arts courses Social Studies courses World language courses SAT/ACT Prep *Public Speaking Speech	Career Mentoring Internship Shadowing

\*dual enrollment class

**Professional Opportunities upon Graduation***For additional college entrance requirements, the student should refer to the college of their choice.*

<b>High School Diploma</b>	<b>2-Year Associate Degree</b>	<b>4-Year Degree &amp; Higher</b>
Receptionist Sales Associate Library Assistant Clerical Assistance	Proofreader Reporter Technical Writer Administrative Assistant	Educator Public Relations Specialist Writer Editor

Course selection will depend on satisfying prerequisites.

For more information concerning this career refer to: <http://www.kershaw.k12.sc.us/careerconnections/>

**School of: Arts and Humanities****Cluster of Study: Arts, A/V Technology and Communications****Major: World Language**

<b>Required Courses for Major</b> 4 Carnegie units required	<b>Complementary Coursework</b>	<b>Extended Learning Opportunity Options Related to Major</b>
Levels 1, 2, 3, 4 Levels 1, 2 of one language Levels 1, 2 of another language	Social Studies courses JROTC Fine Arts Business courses Honors courses AP and/or dual enrollment courses	Career Mentoring Internship Shadowing

**Professional Opportunities upon Graduation**

*For additional college entrance requirements, the student should refer to the college of their choice.*

<b>High School Diploma</b>	<b>2-Year Associate Degree</b>	<b>4-Year Degree &amp; Higher</b>
Tour Guide Military Specialists	Travel Agent Customer Service Representative	Educator Translator/Interpreter Business Consultant

Course selection will depend on satisfying prerequisites.

For more information concerning this career refer to: <http://www.kershaw.k12.sc.us/careerconnections/>

**School of: Arts and Humanities****Cluster of Study: Art, A/V Technology and Communications****Major: Performing Arts**

<b>Required Courses for Major</b> 4 Carnegie units required	<b>Complementary Coursework</b>	<b>Extended Learning Opportunity Options Related to Major</b>
Band 1, 2, 3, 4 AP Music Theory Music Appreciation Chorus Drama Dance Jazz Band Honors Band	Drama Honors Teacher Cadet Music Appreciation Music History Fine Arts	Career Mentoring Internship Shadowing

**Professional Opportunities upon Graduation**

*For additional college entrance requirements, the student should refer to the college of their choice.*

<b>High School Diploma</b>	<b>2-Year Associate Degree</b>	<b>4-Year Degree &amp; Higher</b>
Actor Choral Director Composer	Conductor Costume Designer Film/Video Editor Makeup Artist	Production Manager Screenwriter Script Writer Stagecraft Designer

Course selection will depend on satisfying prerequisites.

For more information concerning this career refer to: <http://www.kershaw.k12.sc.us/careerconnections/>

**School of: Arts and Humanities****Cluster of Study: Arts, A/V Technology and Communications****Major: Visual Arts**

<b>Required Courses of Major</b> 4 Carnegie units required	<b>Complementary Coursework</b>	<b>Extended Learning Opportunity Options Related to Major</b>
Art 1, 2, 3 AP Art Photography	Marketing Teacher Cadet Drama Journalism Commercial Art 1 and 2 Graphic Communications 1 and 2	Career Mentoring Internship Shadowing

**Professional Opportunities upon Graduation**

*For additional college entrance requirements, the student should refer to the college of their choice.*

<b>High School Diploma</b>	<b>2-Year Associate Degree</b>	<b>4-Year Degree &amp; Higher</b>
Art Interior Design	Commercial Artist, Illustrator Commercial Photographer Home Furnishings Coordinator	Curator and Gallery Manager Fashion Designer Graphic Designer Interior Designer

Course selection will depend on satisfying prerequisites.

For more information concerning this career refer to: <http://www.kershaw.k12.sc.us/careerconnections/>

**School of: Arts and Humanities****Cluster of Study: Education and Training****Major: Advanced Placement/Dual Enrollment**

<b>Required Courses for Major</b> 4 Carnegie units required	<b>Complementary Coursework</b>	<b>Extended Learning Opportunity Options Related to Major</b>
Four AP courses or eight dual enrollment courses <b>or</b> A combination of two AP courses and four dual enrollment courses	Honors courses in any subject	Career Mentoring Internship Shadowing

Course selection will depend on satisfying prerequisites.

For more information concerning this career refer to: <http://www.kershaw.k12.sc.us/careerconnections/>

**School of: Arts and Humanities**  
**Cluster of Study: Education and Training**  
**Major: Teaching**

Required Courses for Major 4 Carnegie units required	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Psychology Sociology Early Childhood Ed. 1 *Public Speaking Honors Teacher Cadet	Any AP course Speech Early Childhood Ed. 2 Advanced Composition Fine Arts courses Mentor Tutoring World language	Career Mentoring Internship Shadowing

\*dual enrollment class

**Professional Opportunities upon Graduation**

*For additional college entrance requirements, the student should refer to the college of their choice.*

High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Day Care Worker Recreation/Fitness Trainer	Day Care Provider Teaching Assistant Substitute Teacher Training Manager	Educator Social Worker Counselor/Psychologist Human Resource Director

Course selection will depend on satisfying prerequisites.

For more information concerning this career refer to: <http://www.kershaw.k12.sc.us/careerconnections/>

**School of: Arts and Humanities**  
**Cluster of Study: Education and Training**  
**Major: Early Childhood Education**

Required Courses for Major 4 Carnegie units required	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Early Childhood Ed. 1 Early Childhood Ed. 2	Early Childhood Ed. 3 Psychology *Public Speaking Marketing Accounting 1 Honors Teacher Cadet Entrepreneurship	Sociology Spanish Speech Career Mentoring Internship Shadowing

\*dual enrollment class

**Professional Opportunities upon Graduation**

*For additional college entrance requirements, the student should refer to the college of their choice.*

High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Child Care Worker	Daycare Director Teaching Assistant	Early Childhood or Elementary Teacher Principal Social Worker Pediatric Nurse Pediatric Dentist Pediatric Doctor

Course selection will depend on satisfying prerequisites.

For more information concerning this career refer to: <http://www.kershaw.k12.sc.us/careerconnections/>

<b>School of Business, Management and Information Systems</b>	
<b><u>Business, Management and Administration Cluster</u></b>	
Majors:	Business Information Management General Management
<b><u>Information Technology Cluster</u></b>	
Major:	PC Repair
<b><u>Marketing, Sales and Service Cluster</u></b>	
Major:	Marketing
<b><u>Hospitality and Tourism Cluster</u></b>	
Majors:	Culinary Arts Hospitality Management and Operations

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 its schools of study, clusters of study and majors, and career assessment information in making these decisions.

**School of: Business, Management and Information Systems**  
**Cluster of Study: Business, Management and Administration**  
**Major: Business Information Management**

<b>Required Courses for Major</b> 4 Carnegie units required	<b>Complementary Coursework</b>	<b>Extended Learning Opportunity Options Related to Major</b>
Digital Desktop Publishing Webpage Design Integrated Business Applications 1 Digital Multimedia Entrepreneurship	Journalism PC Repair 1 Graphic Communications 1	Career Mentoring Internship Shadowing

**Professional Opportunities upon Graduation**

*For additional college entrance requirements, the student should refer to the college of their choice.*

<b>High School Diploma</b>	<b>2-Year Associate Degree</b>	<b>4-Year Degree &amp; Higher</b>
Information Processing Specialist Web Site Maintenance Specialist Multimedia Specialist Desktop Publishing Specialist	Office Manager Web Page Developer Web Page Designer	Educator Webmaster Software Application Manager

Course selection will depend on satisfying prerequisites.

For more information concerning this career refer to: <http://www.kershaw.k12.sc.us/careerconnections/>

**School of: Business, Management and Information Systems**  
**Cluster of Study: Business, Management and Administration**  
**Major: General Management**

<b>Required Courses for Major</b> 4 Carnegie units required	<b>Complementary Coursework</b>	<b>Extended Learning Opportunity Options Related to Major</b>
Entrepreneurship Business Law Accounting Integrated Business Application 1	Marketing courses *Public Speaking Psychology *Sociology 101 Speech	Career Mentoring Internship Shadowing

\*dual enrollment class

**Professional Opportunities upon Graduation**

*For additional college entrance requirements, the student should refer to the college of their choice.*

<b>High School Diploma</b>	<b>2-Year Associate Degree</b>	<b>4-Year Degree &amp; Higher</b>
Public Relations Specialist Facilities Manager Meeting Planner First Line Supervisor	Payroll Assistant Hotel Manger Assistant Office Manager Public Relations Manager	Educator Entrepreneur Chief Executive Officer General Manager

Course selection will depend on satisfying prerequisites.

For more information concerning this career refer to: <http://www.kershaw.k12.sc.us/careerconnections/>

**School of: Business, Management and Information Systems****Cluster of Study: Marketing, Sales and Service****Major: Marketing**

<b>Required Courses for Major</b> 4 Carnegie units required	<b>Complementary Coursework</b>	<b>Extended Learning Opportunity Options Related to Major</b>
Marketing Marketing Management Accounting Digital Media Marketing Integrated Business Application 1 Business Law Entrepreneurship	Personal Finance Advanced Composition Desktop Publishing	Career Mentoring Internship Shadowing

**Professional Opportunities upon Graduation**

*For additional college entrance requirements, the student should refer to the college of their choice.*

<b>High School Diploma</b>	<b>2-Year Associate Degree</b>	<b>4-Year Degree &amp; Higher</b>
Bank Teller Customer Service Representative Sales Associate	Assistant Store Manager Customer Service Manager Office Manager General Manager	Chief Executive Officer Marketing Manager Educator Entrepreneur

Course selection will depend on satisfying prerequisites.

For more information concerning this career refer to: <http://www.kershaw.k12.sc.us/careerconnections/>

**School of: Business, Management and Information Systems****Cluster of Study: Information Technology****Major: PC Repair**

<b>Required Courses for Major</b> 4 Carnegie units required	<b>Complementary Coursework</b>	<b>Extended Learning Opportunity Options Related to Major</b>
PC Repair 1 PC Repair 2	PC Repair 3 and 4	Career Mentoring Internship Shadowing

**Professional Opportunities upon Graduation**

*For additional college entrance requirements, the student should refer to the college of their choice.*

<b>High School Diploma</b>	<b>2-Year Associate Degree</b>	<b>4-Year Degree &amp; Higher</b>
Computer Assistant Installation Technician Help Desk Support	Computer Maintenance Technician Computer Operations Manager Technical Support Analyst	Computer Engineer Information Technology Director Network Administrator PC Support Manager

Course selection will depend on satisfying prerequisites.

For more information concerning this career refer to: <http://www.kershaw.k12.sc.us/careerconnections/>

**School of: Business, Management and Information Systems**  
**Cluster of Study: Hospitality and Tourism**  
**Major: Culinary Arts**

<b>Required Courses for Major</b> 4 Carnegie units required	<b>Complementary Coursework</b>	<b>Extended Learning Opportunity Options Related to Major</b>
Culinary Arts 1 Culinary Arts 2	Culinary Arts 3 Hospitality Management and Operations 1A and 1B	Career Mentoring Internship Shadowing

**Professional Opportunities upon Graduation**

*For additional college entrance requirements, the student should refer to the college of their choice.*

<b>High School Diploma</b>	<b>2-Year Associate Degree</b>	<b>4-Year Degree &amp; Higher</b>
Baker/Chef/Cook Food & Beverage Service Worker	Catering Manager Dietary Management	Dietitian Executive Chef Nutritionist Restaurant Manager

Course selection will depend on satisfying prerequisites.

For more information concerning this career refer to: <http://www.kershaw.k12.sc.us/careerconnections/>

**School of: Business, Management and Information Systems**  
**Cluster of Study: Hospitality and Tourism**  
**Major: Hospitality Management and Operations**

<b>Required Courses for Major</b> 4 Carnegie units required	<b>Complementary Coursework</b>	<b>Extended Learning Opportunity Options Related to Major</b>
Hospitality Management and Operations 1A and 1B Hospitality Management and Operations 2A and 2B Marketing course Personal Finance	Visual Arts courses World Language Culinary Arts 1	Career Mentoring Internship Shadowing

**Professional Opportunities upon Graduation**

*For additional college entrance requirements, the student should refer to the college of their choice.*

<b>High School Diploma</b>	<b>2-Year Associate Degree</b>	<b>4-Year Degree &amp; Higher</b>
Baker/Chef/Cook Food and Beverage Service Worker Cruise Ship Worker Front Desk Clerk Hostess	Catering Manager Dietary Management Cook Food and Beverage Services Manager Restaurant Manager	Dietitian Executive Chef Nutritionist Restaurant Manager Hotel Manager

Course selection will depend on satisfying prerequisites.

For more information concerning this career refer to: <http://www.kershaw.k12.sc.us/careerconnections/>

<b>School of Engineering, Manufacturing, and Industrial Technologies</b>	
	<b><u>Architecture and Construction Cluster</u></b>
Major:	Carpentry and Residential Construction
	<b><u>Manufacturing Cluster</u></b>
Majors:	Precision Metalworking Welding
	<b><u>Science, Technology, Engineering and Mathematics Cluster</u></b>
Majors:	Math Science
	<b><u>Transportation Distribution and Logistics Cluster</u></b>
Majors:	Automotive Collision Technology Automotive Technology

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 its schools of study, clusters of study and majors, and career assessment information in making these decisions.

**School of: Engineering, Manufacturing and Industrial Technologies**  
**Cluster of Study: Architecture & Construction**  
**Major: Carpentry and Residential Construction**

<b>Required Courses for Major</b> 4 Carnegie units required	<b>Complementary Coursework</b>	<b>Extended Learning Opportunity Options Related to Major</b>
Carpentry and Residential Construction 1 Carpentry and Residential Construction 2	Carpentry and Residential Construction 3and 4 Advanced Math to include Trigonometry Welding 1 Precision Metalworking 1	Career Mentoring Internship Shadowing

**Professional Opportunities upon Graduation**

*For additional college entrance requirements, the student should refer to the college of their choice.*

<b>High School Diploma</b>	<b>2-Year Associate Degree</b>	<b>4-Year Degree &amp; Higher</b>
Carpenter Drywall Installer Painter Roofer Construction Laborer	Building Inspector Drafter Residential Contractor	Architect Civil Engineer Construction Manager Landscape Architect

Course selection will depend on satisfying prerequisites.

For more information concerning this career refer to: <http://www.kershaw.k12.sc.us/careerconnections/>

**School of: Engineering, Manufacturing and Industrial Technologies**  
**Cluster of Study: Manufacturing**  
**Major: Precision Metalworking**

<b>Required Courses for Major</b> 4 Carnegie units required	<b>Complementary Coursework</b>	<b>Extended Learning Opportunity Options Related to Major</b>
Precision Metalworking 1 Precision Metalworking 2	Welding 1 Carpentry and Residential Construction 1 Precision Metalworking 3and 4 Automotive Technology 1	Career Mentoring Internship Shadowing

**Professional Opportunities upon Graduation**

*For additional college entrance requirements, the student should refer to the college of their choice.*

<b>High School Diploma</b>	<b>2-Year Associate Degree</b>	<b>4-Year Degree &amp; Higher</b>
Machine Operator	Machinist Sales Representative CNC Programmer Supervisor	Engineer Supervisor CNC Programmer

Course selection will depend on satisfying prerequisites.

For more information concerning this career refer to: <http://www.kershaw.k12.sc.us/careerconnections/>

**School of: Engineering, Manufacturing and Industrial Technologies**  
**Cluster of Study: Manufacturing**  
**Major: Welding**

<b>Required Courses for Major</b> 4 Carnegie units required	<b>Complementary Coursework</b>	<b>Extended Learning Opportunity Options Related to Major</b>
Welding 1 Welding 2	Welding 3 and 4 Precision Metalworking 1 Carpentry and Residential Construction 1	Career Mentoring Internship Shadowing

**Professional Opportunities upon Graduation**

*For additional college entrance requirements, the student should refer to the college of their choice.*

<b>High School Diploma</b>	<b>2-Year Associate Degree</b>	<b>4-Year Degree &amp; Higher</b>
Millwright Assistant Welder Assistant	Welder/Fabricator Certified Welding Inspector	Metallurgical Engineer

Course selection will depend on satisfying prerequisites.

For more information concerning this career refer to: <http://www.kershaw.k12.sc.us/careerconnections/>

**School of: Engineering, Manufacturing and Industrial Technologies**  
**Cluster of Study: Science, Technology, Engineering & Mathematics**  
**Major: Math**

<b>Required Courses for Major</b> 4 Carnegie units required	<b>Complementary Coursework</b>	<b>Extended Learning Opportunity Options Related to Major</b>
AP Statistics *Math 110/111 Pre-Calculus *Math 140 Honors Problems and Statistics Algebra 3 Honors Diff Calculus AP Calculus AB/BC	Physics Chemistry SAT/ACT Prep Accounting	Career Mentoring Internship Shadowing

\*dual enrollment class

**Professional Opportunities upon Graduation**

*For additional college entrance requirements, the student should refer to the college of their choice.*

<b>High School Diploma</b>	<b>2-Year Associate Degree</b>	<b>4-Year Degree &amp; Higher</b>
Bank Teller Accounts Clerk Booker	Accountant Tax Preparer	Certified Public Accountant Stock Broker Educator Statistician

Course selection will depend on satisfying prerequisites.

For more information concerning this career refer to: <http://www.kershaw.k12.sc.us/careerconnections/>

**School of: Engineering, Manufacturing and Industrial Technologies**  
**Cluster of Study: Science, Technology, Engineering and Mathematics**  
**Major: Science**

<b>Required Courses for Major</b> 4 Carnegie units required	<b>Complementary Coursework</b>	<b>Extended Learning Opportunity Options Related to Major</b>
Biology 2      Zoology Chemistry 2      Physics AP Biology      Honors Chemistry 2 AP Chemistry      Earth Science Anatomy and Physiology	Chemistry 1 World language Honors Differential Calculus Pre Calculus	Career Mentoring Internship Shadowing

**Professional Opportunities upon Graduation**

*For additional college entrance requirements, the student should refer to the college of their choice.*

<b>High School Diploma</b>	<b>2-Year Associate Degree</b>	<b>4-Year Degree &amp; Higher</b>
Environmental Management Landscape Zoo Attendant	Materials Handler Forestry Technician Veterinarian Assistant Lab Technician	Chemist Educator Physicist Meteorologist Ecologist

Course selection will depend on satisfying prerequisites.

For more information concerning this career refer to: <http://www.kershaw.k12.sc.us/careerconnections/>

**School of: Engineering, Manufacturing and Industrial Technologies**  
**Cluster of Study: Transportation Distribution and Logistics**  
**Major: Automotive Collision Technology**

<b>Required Courses for Major</b> 4 Carnegie units required	<b>Complementary Coursework</b>	<b>Extended Learning Opportunity Options Related to Major</b>
Automotive Collision Technology 1 Automotive Collision Technology 2	Automotive Collision Technology 3 Auto Technology 1 Commercial Art 1 Welding 1	Career Mentoring Internship Shadowing

**Professional Opportunities upon Graduation**

*For additional college entrance requirements, the student should refer to the college of their choice.*

<b>High School Diploma</b>	<b>2-Year Associate Degree</b>	<b>4-Year Degree &amp; Higher</b>
Auto Collision Assistant Parts Delivery Paint-mixing Technician	Auto Collision Technician Frame Specialist Paint Technician Shop Manager	Insurance Adjuster Shop Owner

Course selection will depend on satisfying prerequisites.

For more information concerning this career refer to: <http://www.kershaw.k12.sc.us/careerconnections/>

**School of: Engineering, Manufacturing and Industrial Technologies**  
**Cluster of Study: Transportation Distribution and Logistics**  
**Major: Automotive Technology**

<b>Required Courses for Major</b> 4 Carnegie units required	<b>Complementary Coursework</b>	<b>Extended Learning Opportunity Options Related to Major</b>
Automotive Technology 1 Automotive Technology 2* Automotive Technology 3*	PC Repair 1 Welding 1	Career Mentoring Internship Shadowing

\*Must register for both courses at the same time which are taken in the school year of the 11<sup>th</sup> or 12<sup>th</sup> grade.

**Professional Opportunities upon Graduation**

*For additional college entrance requirements, the student should refer to the college of their choice.*

<b>High School Diploma</b>	<b>2-Year Associate Degree</b>	<b>4-Year Degree &amp; Higher</b>
Automotive Service Writer Auto Parts Salesperson Auto Technician	Automotive Shop Foreman Parts Manager Service Manager	Automotive Engineer Automotive Business Owner Dealership General Manager Mechanical Engineer

Course selection will depend on satisfying prerequisites.

For more information concerning this career refer to: <http://www.kershaw.k12.sc.us/careerconnections/>

<b>School of Health Science and Human Services</b>	
	<b><u>Health Science Cluster</u></b>
Majors:	Health Science Sports Medicine
	<b><u>Human Services Cluster</u></b>
Major:	Cosmetology
	<b><u>Agriculture, Food and Natural Resources Cluster</u></b>
Majors:	Natural Resources Management Horticulture Animal Science

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 its schools of study, clusters of study and majors, and career assessment information in making these decisions.

**School of: Health Science and Human Services**  
**Cluster of Study: Health Science**  
**Major: Health Science**

<b>Required Courses for Major</b> 4 Carnegie units required	<b>Complementary Coursework</b>	<b>Extended Learning Opportunity Options Related to Major</b>
Health Science 1 Health Science 2	Biology 2 Chemistry 2 Anatomy/Physiology Sports Medicine 1A Honors Nursing	Zoology Genetics Career Mentoring Internship Shadowing

**Professional Opportunities upon Graduation**

*For additional college entrance requirements, the student should refer to the college of their choice.*

<b>High School Diploma</b>	<b>2-Year Associate Degree</b>	<b>4-Year Degree &amp; Higher</b>
Home Health Aide Medical Office Assistant	Dental Hygienist EMT Physical Therapy Assistant Radiology Technician Respiratory Therapist	Chiropractor Dentist Pharmacist Physical Therapist Veterinarian Nurse Physician

Course selection will depend on satisfying prerequisites.

For more information concerning this career refer to: <http://www.kershaw.k12.sc.us/careerconnections/>

**School of: Health Science and Human Services**  
**Cluster of Study: Health Science**  
**Major: Sports Medicine**

<b>Required Courses for Major</b> 4 Carnegie units required	<b>Complementary Coursework</b>	<b>Extended Learning Opportunity Options Related to Major</b>
Sports Medicine 1A Sports Medicine 1B Sports Medicine 2A Sports Medicine 2B Health Science 1 AP Biology AP Chemistry	Chemistry Honors Biology 2 Anatomy/Physiology Physics Honors Nursing	Career Mentoring Internship Shadowing

**Professional Opportunities upon Graduation**

*For additional college entrance requirements, the student should refer to the college of their choice.*

<b>High School Diploma</b>	<b>2-Year Associate Degree</b>	<b>4-Year Degree &amp; Higher</b>
Physical Therapist Home Health Assistant Nursing Aide Lab Assistant	EMT Sports Trainer	Educator Trainer Physical Therapy Health Care Administrator Nurse Practitioner Physician

Course selection will depend on satisfying prerequisites.

For more information concerning this career refer to: <http://www.kershaw.k12.sc.us/careerconnections/>

**School of: Health Science and Human Services**  
**Cluster of Study: Human Services**  
**Major: Cosmetology**

Required Courses for Major 8 Carnegie units required	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Cosmetology 1 Cosmetology 2 Cosmetology 3 Cosmetology 4	Chemistry *Public Speaking Photography Psychology Entrepreneurship	Marketing Accounting 1 Spanish 1 Speech Biology

\*dual enrollment class

**Professional Opportunities upon Graduation**

*For additional college entrance requirements, the student should refer to the college of their choice.*

High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Licensed Cosmetologist Licensed Barber/Stylist Licensed Esthetician Licensed Nail Technician	Fashion Photographer Platform Artist Salon or Spa Manager/Owner	Cosmetology School Teacher Fashion Editor Model Agent

Course selection will depend on satisfying prerequisites.

For more information concerning this career refer to: <http://www.kershaw.k12.sc.us/careerconnections/>

**School of: Health Science and Human Services**  
**Cluster of Study: Agriculture, Food & Natural Resources**  
**Major: Horticulture**

Required Courses for Major 4 Carnegie units required	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Agriculture Science Agriculture Mechanics Horticulture Sports Turf Management Turf and Lawn Management	Biology Forestry	Career Mentoring Internship Shadowing

**Professional Opportunities upon Graduation**

*For additional college entrance requirements, the student should refer to the college of their choice.*

High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Nursery Technician Landscape Technician Florist Small Engine Mechanic	Landscaper Golf Course Superintendent	Agriculture Education Teacher Horticulturist Agriculture Extension Agent

Course selection will depend on satisfying prerequisites.

For more information concerning this career refer to: <http://www.kershaw.k12.sc.us/careerconnections/>

**School of: Health Science and Human Services**  
**Cluster of Study: Agriculture, Food and Natural Resources**  
**Major: Natural Resources Management**

<b>Required Courses for Major</b> 4 Carnegie units required	<b>Complementary Coursework</b>	<b>Extended Learning Opportunity Options Related to Major</b>
Agriculture Science Agriculture Mechanics Natural Resources Management Wildlife Management	Biology Forestry Animal Science Introduction to Veterinary Science	Zoology Career Mentoring Internship Shadowing

**Professional Opportunities upon Graduation**

*For additional college entrance requirements, the student should refer to the college of their choice.*

<b>High School Diploma</b>	<b>2-Year Associate Degree</b>	<b>4-Year Degree &amp; Higher</b>
Nursery Technician Landscape Technician	Landscaper Wildlife Technician Game Warden	Forester Wildlife Biologist Agriculture Education Teacher Agriculture Extension Agent

Course selection will depend on satisfying prerequisites.

For more information concerning this career refer to: <http://www.kershaw.k12.sc.us/careerconnections/>

**School of: Health Science and Human Services**  
**Cluster of Study: Agriculture, Food and Natural Resources Cluster**  
**Major: Animal Science**

<b>Required Courses for Major</b> 4 Carnegie units required	<b>Complementary Coursework</b>	<b>Extended Learning Opportunity Options Related to Major</b>
Agriculture Science Agriculture Mechanics Animal Science Introduction to Veterinary Science	Biology Forestry Natural Resources Management Wildlife Management	Zoology Career Mentoring Internship Shadowing

**Professional Opportunities upon Graduation**

*For additional college entrance requirements, the student should refer to the college of their choice.*

<b>High School Diploma</b>	<b>2-Year Associate Degree</b>	<b>4-Year Degree &amp; Higher</b>
Animal Control Officer Animal Trainer Groomer	Animal Breeder Food and Animal Product Salesperson Veterinary Assistant	Agriculture Education Teacher Veterinarian Zoologist

Course selection will depend on satisfying prerequisites.

For more information concerning this career refer to: <http://www.kershaw.k12.sc.us/careerconnections/>

<b>School of Public Services</b>
<b><u>Law, Public Safety and Security Cluster</u></b> Majors: Social Studies Military Law Enforcement Services Fire and Emergency Services

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 its schools of study, clusters of study and majors, and career assessment information in making these decisions.

**School of: Public Services**

**Cluster of Study: Law, Public Safety and Security**

**Major: Social Studies**

<b>Required Courses for Major</b> 4 Carnegie units required	<b>Complementary Coursework</b>	<b>Extended Learning Opportunity Options Related to Major</b>
World History *Sociology 101 Psychology AP U.S. History 1 and 2 AP American Government AP European History 1 and 2 *History 201 and 202	World language courses Teacher Cadet JROTC Mentor Tutoring World Geography	Career Mentoring Internship Shadowing

\*dual enrollment class

**Professional Opportunities upon Graduation**

*For additional college entrance requirements, the student should refer to the college of their choice.*

<b>High School Diploma</b>		<b>2-Year Associate Degree</b>		<b>4-Year Degree &amp; Higher</b>	
Tour Guide	Military Specialist	Legislative Assistant	Museum Manager	Educator	Lawyer
Library Assistant	Military	Legal Assistant	Training Manager	Public Administrator	Politician
Legal File Clerk	Police Officer	Court Reporter	Government	Historian	Officer – Military
Teacher’s Aide		Reporter	Substitute Teacher	Social Worker	Governmental Agency Employee
		Librarian	Paralegal	Museum Curator	Counselor

Course selection will depend on satisfying prerequisites.

For more information concerning this career refer to: <http://www.kershaw.k12.sc.us/careerconnections/>

**School of: Public Services**

**Cluster of Study: Law, Public Safety and Security**

**Major: Military**

<b>Required Courses for Major</b> 4 Carnegie units required	<b>Complementary Coursework</b>	<b>Extended Learning Opportunity Options Related to Major</b>
JROTC 1 JROTC 2 JROTC 3 JROTC 4 JROTC Leadership JROTC Drill JROTC Rifle	Math Social Studies English Science	Career Mentoring Internship Shadowing

Course selection will depend on satisfying prerequisites.

For more information concerning this career refer to: <http://www.kershaw.k12.sc.us/careerconnections/>

**School of: Public Services****Cluster of Study: Law, Public Safety and Security****Major: Law Enforcement Services**

<b>Required Courses for Major</b> 4 Carnegie units required	<b>Complementary Coursework</b>	<b>Extended Learning Opportunity Options Related to Major</b>
Law Enforcement 1 Law Enforcement 2	Law Education Psychology Fire/Emergency Services 1 and 2 *Sociology 101 Spanish 1	Career Mentoring Internship Shadowing

\*dual enrollment class

**Professional Opportunities upon Graduation**

*For additional college entrance requirements, the student should refer to the college of their choice.*

<b>High School Diploma</b>	<b>2-Year Associate Degree</b>	<b>4-Year Degree &amp; Higher</b>
Correctional Officer Police Officer Security Guard	Police Officer Private Detective	Federal Agent Fish and Game Warden Park Ranger Parole and Probation Officer SLED Agent

Course selection will depend on satisfying prerequisites.

For more information concerning this career refer to: <http://www.kershaw.k12.sc.us/careerconnections/>

**School of: Public Services****Cluster of Study: Law, Public Safety & Security****Major: Fire and Emergency Services**

<b>Required Courses for Major</b> 4 Carnegie units required	<b>Complementary Coursework</b>	<b>Extended Learning Opportunity Options Related to Major</b>
Fire and Emergency Services 1 Fire and Emergency Services 2	Chemistry 1 and 2 Health Science 1 Law Enforcement 1 and 2 Spanish 1	Career Mentoring Internship Shadowing

**Professional Opportunities upon Graduation**

*For additional college entrance requirements, the student should refer to the college of their choice.*

<b>High School Diploma</b>	<b>2-Year Associate Degree</b>	<b>4-Year Degree &amp; Higher</b>
Dispatcher EMT	EMT Firefighter	Fire Science Instructor Forensic Scientist

Course selection will depend on satisfying prerequisites.

For more information concerning this career refer to: <http://www.kershaw.k12.sc.us/careerconnections/>

**All courses are subject to adoption of the school budget for 2012 – 2013.**

**ATEC (Applied Technology Education Campus)**  
**Course & Career Selections**

ATEC, the center for technology education in Kershaw County, provides students from the three district high schools with technical and academic skills for 16 career majors.

At ATEC, students can explore career options, train for a specific career, and/or be ready for post-secondary education at a two-year or four-year college or university.

In addition, the ATEC Career Center provides students with:

- Career interest assessment
- Employability skills
- Academic assistance
- Post-secondary school information
- Shadowing and Internship opportunities

Success at ATEC depends on the student and the preparation they bring. ATEC wants the student's experience to be productive and successful. Therefore, for all career majors, it is required that students observe the following prerequisites as they plan their course schedule to include ATEC:

- Be classified as 10<sup>th</sup> grade or higher according to the School Board Promotion Policy **or**
- Have a current IEP that classifies the student as 10<sup>th</sup> grade or higher

In addition, ATEC instructors suggest that Level 1 students complete the first level with a grade of 80 or higher and be recommended for entry into Level 2. Level 2 is a commitment to complete a career major; students should have a good Level 1 foundation to be successful in Level 2.

ATEC (Applied Technology Education Campus)

**Agriculture, Food, and Natural Resources Career Cluster**

**Animal Science Career Major**

Animal Science majors get jobs such as: agricultural economist, farmer/rancher, agricultural educator, food scientist, agricultural sales representative, food inspector, animal geneticist, aquaculturist, meat graders, animal nutritionist, microbiologist, bioengineer, plant breeder and geneticist, biochemist, reproductive physiologist, botanist, soil and water conservationist, certified crop advisor, tree surgeon, veterinarian, education and extension specialist, veterinary assistants.

*Animal Science 1 (Must register for both courses)*

**562482CW            Agricultural Science and Technology**

This course is designed to teach concepts and understanding related to plant and animal life including biotechnology, conservation of natural resources and the impact of agriculture and natural resources on the environment. Emphasis is placed on the role of agriculture in society and the importance of agriculture to the welfare of the world.

**566082CW            Agricultural Mechanics and Technology**

This course provides development of general mechanical skills which are required in all areas of agriculture. The course is designed to provide hands-on experiences in woodworking, metal working, welding, small engine repair and basic farm and homestead improvement.

Credit:                2 units (1 unit per course)  
 Grade:                10,11,12  
 Prerequisite:        None

*Animal Science 2 (Must register for both courses)*

**560382CW            Animal Science**

This course is designed to provide an overview of the animal science industry. It provides information on the biological make-up of various species of agricultural livestock. It also provides students with information on animal behavior that would be beneficial before embarking on a career in animal science. Typical instructional activities include hands-on experiences with the principles and practices essential in the production and management of farm animals and farm animal products for economic, recreational, and therapeutic uses.

**561382CW            Introduction to Veterinary Science**

This course will explore the field of veterinary medicine. Students will study the role of a veterinarian and veterinary technician in the diagnosis and treatment of animal diseases. Topics to be discussed include: veterinary terminology, anatomy and physiology, pathology, genetics, handling and restraint, and physical examinations along with common surgical skills. Students will engage in a variety of laboratory activities and will participate in shadowing and/or other work-based learning experiences.

Credit:                2 units (1 unit per course)  
 Grade:                11, 12  
 Prerequisite:        Animal Science 1

**Natural Resources Management Career Major**

Natural Resources Management majors get jobs such as: agricultural educator, mining engineer, commercial fisherman, park manager, ecologist, park ranger, pulp and paper manager, fish and game officer, recreation and tourism director, fisheries technician, soil scientist, forest ranger, hazardous materials handler, wildlife manager, logger, or a wildlife biologist.

*Natural Resources Management 1 (Must register for both courses)***562482CW Agricultural Science and Technology**

This course is designed to teach concepts and understanding related to plant and animal life including biotechnology, conservation of natural resources and the impact of agriculture and natural resources on the environment. Emphasis is placed on the role of agriculture in society and the importance of agriculture to the welfare of the world.

**566082CW Agricultural Mechanics and Technology**

This course provides development of general mechanical skills which are required in all areas of agriculture. It is designed to provide hands-on experiences in woodworking, metal working, welding, small engine repair and basic farm and homestead improvement.

Credit: 2 units (1 unit per course)  
Grade: 10, 11, 12  
Prerequisite: None

*Natural Resources Management 2 (Must register for both courses)***562682CW Natural Resources Management**

This course covers the conservation and/or improvement of natural resources such as air, soil, water, land, forest, and wildlife for economic and recreational purposes. Learning activities include constructing a model watershed; measuring levels of air, water, noise and solid waste pollution; and abating and controlling pollution.

**567482CW Wildlife Management**

This course covers the essential elements, concepts, and skills related to wildlife management; understanding basic ecological concepts, implementing habitat management practices, identifying wildlife and fish species, analyzing policies, laws and regulations, and using natural resources for outdoor recreation.

Credit: 2 units (1 unit per course)  
Grade: 11, 12  
Prerequisite: Natural Resources Management 1

ATEC (Applied Technology Education Campus)**Architecture and Construction Career Cluster****Carpentry and Residential Construction Career Major**

Carpentry and Residential Construction majors get jobs such as: carpentry assistants, carpentry apprentices, and building supply sales and service clerks. With advanced education, students may become a licensed carpenter, draftsman, architect assistant, architect, builder, or cost estimator.

**609182CD Carpentry and Residential Construction 1**

This course introduces students to the skills involved in performing basic carpentry tasks. Emphasis is placed on learning shop safety procedures, using math skills, and learning the safe and proper use of hand and power tools used in the construction industry.

Credit: 2 units  
Grade: 10, 11, 12  
Prerequisite: None

**609282CD Carpentry and Residential Construction 2**

This course continues the study of carpentry principles and applies them to the completion of construction projects, such as storage sheds, model house construction, and various community projects.

Credit: 2 units  
Grade: 11, 12  
Prerequisite: Carpentry and Residential Construction 1

ATEC (Applied Technology Education Campus)**Art, Audio/Video Technology and Communications Career Cluster****Commercial Art Career Major**

Commercial Art majors get jobs such as: graphics assistants and entry-level technicians in silk-screening shops, sign shops, and print shops. With more advanced education, students may become a high-level graphics technician, commercial artist, or designer in specialty shops as well as the media industry.

**612082CD Commercial Art 1**

This course provides students with entry-level commercial art tasks under the supervision of an experienced commercial artist. Included in the course are instructions on drawing and lettering, layouts, display artwork, graphic designs, silk-screening, airbrush techniques, and clay modeling. Students will learn Corel Draw and Flexi Sign software that will be used in laser engraving, vinyl lettering, and large format printing applications.

Credit: 2 units  
Grade: 10, 11, 12  
Prerequisite: None

**612182CD Commercial Art 2**

This course emphasizes the development of a sophisticated portfolio of commercial grade work. Students will specialize in a particular area related to their career ambition. The commercial art field is extremely competitive; success depends upon finely developed skills, creativity, and hard work. As a course completer, students will be prepared to further their education at the college level or to seek employment as an entry-level commercial artist.

Credit: 2 units  
Grade: 11, 12  
Prerequisite: Commercial Art 1

**Graphic Communications Career Major**

Graphic Communications majors get jobs such as: press operators, darkroom technicians, typesetters, layout artists, computer illustrators, photo imaging technicians, web designers and photographers.

**620083CD Graphic Communications 1**

This course provides students with pre-press software skills. Students will learn industry standard software including but not limited to the following: Adobe Photoshop, Adobe Illustrator, Adobe Acrobat and Adobe InDesign. Students will gain entry level software knowledge including illustration, photo editing and page layout as they relate to the offset printing industry. Basic print shop features covered include but are not limited to: single color press operating, digital plate making, digital printing, basic single color silk screening, and many boundary functions.

Credit: 2 units  
Grade: 10, 11, 12  
Prerequisite: None

**620183CD Graphic Communications 2**

This course offers more challenging projects that promote further learning in the design and print industries. Students will learn advanced layout, design and photo correction skills that will be applied in various offset and digital printing jobs. Students will learn many pre-press skills including: file color separation, digital plate output, preflight file preparation and creation of PDF files as they relate to offset and digital printing. Print shop functions include multi color printing, digital plate setup, multi color digital plate making, digital printing, multi color silk screening and many binder digital functions. Single color and multicolor offset printing using single color and two color offset printing presses is covered with all students creating a final offset printing project. Other items covered related to offset printing include folding and binding techniques. Students are given opportunity to start their portfolio in this course.

Credit: 2 units  
Grade: 11, 12  
Prerequisite: Graphic Communications 1

ATEC (Applied Technology Education Campus)  
**Health Science Career Cluster**

**Health Science Career Major**

Students participating in this major will be prepared to further their education in various opportunities in the healthcare field such as a dental assistant, dental hygienist, dentist, medical assistant, microbiologist, nurse, nursing assistant, occupational therapist, paramedic, pharmacist, physical therapist, physician, radiologist, speech therapist, veterinarian and veterinarian technician.

**555082CD Health Science 1**

This course is designed to develop the knowledge and the technical skills necessary to begin a career in the healthcare field. The standards include anatomy/physiology, communication, healthcare systems, career research, legal/ethical practices, safety practices, health/wellness, and various healthcare skills. In addition, medical terminology will be taught to develop the student's working knowledge of the language of medicine.

Credit: 2 units  
 Grade: 10, 11, 12  
 Prerequisite: Biology or concurrent enrollment

**555182CD Health Science 2**

This course allows students to explore and develop a pathway in a specific health science career cluster (therapeutic, diagnostic, health informatics, support services, or biotechnology research). It is designed to strengthen knowledge and skills that are essential to a variety of healthcare professionals. The standards incorporate anatomy and physiology, diseases, therapies and care, rehabilitation, prevention, systems, legal and ethical responsibilities, safety practices, technical skills, and technology applications. Students make connections from the classroom to the healthcare industry through job shadowing, internships, and/or other work-based learning opportunities. Students participating in internship must have own transportation.

Credit: 2 units  
 Grade: 11, 12  
 Prerequisite: Health Science 1, Chemistry or concurrent enrollment

**552082HD Honors Nursing**

This course introduces students to the fundamentals of nursing. This includes patient-centered care, growth and development, health promotion, illness management and patient safety. Through study and practical application this course is designed to serve as an introduction to the role of the professional nurse.

Credit: 2 units  
 Grade: 11, 12  
 Prerequisite: Health Science 1

**Honors BIOMED is a sequence of four courses that provide a hands-on, real-world problem-solving approach to learning.**

**558082HD Honors BIOMED 1: Principles of Biomedical Sciences**

This course provides an introduction to the biomedical sciences through exciting "hands-on" projects and problems. Student work involves the study of human medicine, research processes and an introduction to bioinformatics. Students investigate the human body systems and various health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. A theme through the course is to determine the factors that led to the death of a fictional person. After determining the factors responsible for the death, the students investigate lifestyle choices and medical treatments that might have prolonged the person's life. Key biological concepts including: homeostasis, metabolism, inheritance of traits, feedback systems, and defense against disease are embedded in the curriculum. The course is designed to provide an overview of all the courses in the Biomedical Sciences program and to lay the scientific foundation necessary for student success in the subsequent courses. There is a \$20 lab fee for this course. Successful completion of this course will fulfill the Computer Science requirement.

Credit: 2 units  
 Grade: 10, 11  
 Prerequisite: Completed or enrolled in Honors Physical Science or Honors Biology 1

**558182HD Honors BIOMED 2: Human Body Systems**

This course uses real-world cases where students take the role of biomedical professionals and work together to solve medical mysteries. Hands-on projects include designing experiments, investigating the structures and functions of body systems, and using data acquisition software to monitor body functions such as muscle movement, reflex and voluntary actions, and respiratory operation. Students examine the processes, structures, and interactions of the human body systems to learn how they work together to maintain homeostasis (internal balance) and good health. There is a \$20 lab fee for this course.

Credit: 2 units  
 Grade: 10, 11  
 Prerequisite: Honors BIOMED 1

**Successful completion of Honors BIOMED 1 and 2 will enable a student to take Honors BIOMED 3: Medical Interventions and Honors BIOMED 4: Biomedical Innovation. In these courses, students investigate and research innovative solutions for the health challenges of the 21<sup>st</sup> century.**

**556082CD Gerontology**

This course is designed to provide information on the aging process, the physical care skills and psychosocial care skills of the geriatric client, and the role of the nurse aide. Students are prepared to perform nursing-related services to patients and residents in hospitals or long-term care facilities, under the direction and supervision of a registered nurse. This course meets all federal and state requirements for a certified nurse aide (CNA).

Credit: 2 units  
Grade: 11, 12  
Prerequisite: Health Science 1

ATEC (Applied Technology Education Campus)**Hospitality and Tourism Career Cluster****Culinary Arts Career Major**

Culinary Arts majors get jobs such as: food preparation staff, assistant cooks and chefs, short-order cooks, wait staff, and food service assistant managers. With more advanced education, students may become a hotel or restaurant manager, food service business manager, restaurant owner, or certified chef.

**572083CD Culinary Arts 1**

This course introduces students to the food service industry and the components of food service. Through study and practical application, students learn safety and sanitation in the kitchen, appropriate work ethics, customer service duties, handling and maintenance of utensils, tools and equipment, and food preparation.

Credit: 2 units  
Grade: 10, 11, 12  
Prerequisite: None

**572183CD Culinary Arts 2**

This course reviews and expand on the academic and practical applications learned in Culinary Arts 1. Students will learn food production and presentation, management skills, and menu planning. Through classroom and practical applications, students will study regional and international cuisine, garnishes, hors d'oeuvres, breads, cakes, and pastries. Students will also explore job opportunities and engage in job search skills.

Credit: 2 units  
Grade: 11, 12  
Prerequisite: Culinary Arts 1

ATEC (Applied Technology Education Campus)**Human Services Career Cluster****Early Childhood Education Career Major**

Early Childhood Education majors get jobs such as: early childhood teacher assistants or aides in schools or child care centers and are prepared to provide individual child care services as well. With more advanced education, students may become an early childhood teacher, a kindergarten teacher, a childcare center manager/director, a youth minister, a recreation director, or an associate in public or private kindergarten programs.

**570083CD Early Childhood Education 1**

Through study and practical application, Early Childhood Education 1 provides students with a foundation for understanding child growth and development, child nutrition, health and safety, behavior guidance, program planning, maintenance of the child's environment, and management of routine child-centered activities. Students will also study the laws, regulations, and policies governing child care services. Direct hands-on work experience with children is incorporated into this program.

Credit: 2 units  
Grade: 10, 11, 12  
Prerequisite: None

**570183CD Early Childhood Education 2**

This course builds on the Level 1 program. Students will continue the academic study of child growth and development, child nutrition, health and safety, behavioral guidance, program planning, maintenance of the child's environment, and management of routine activities. Students will spend 35 percent of this class engaged in practical application through on-site training in the adjoining childcare center or in centers throughout the community.

Credit: 2 units  
Grade: 11, 12  
Prerequisite: Early Childhood Education 1

### Cosmetology Career Major

To complete a career major in Cosmetology, students must adhere to strict academic and attendance requirements and complete a two-year program of courses to meet state licensing requirements. Participants will be selected through applications, testing and interviews. Cosmetology students receive training in the arts and science of hair, skin, and nail care and beautification, as well as salon planning and management.

**615083CD**                    **Cosmetology 1** (*Must register for both semesters*)

**615183CD**                    **Cosmetology 2** (*Must register for both semesters*)

These courses introduce the student to the Cosmetology profession and the safety factors required to perform in a professional setting. The course of study includes shampooing, hair styling, coloring and lightening, finger waving, manicuring, pedicuring, chemical relaxing, pressing and curling, scalp and hair treatments, wigs and hairpieces, facials and make-up, and blow waving. The program requirements include two full years - two periods a day of instruction; 1500 contact hours; and strict academic and attendance standards. A course fee is required for entrance into this program after notification of acceptance is received.

Credit:                    2 units per semester for two semesters

Grade:                    11

Prerequisite:            Entrance examination and personal interview

**615283CD**                    **Cosmetology 3** (*Must register for both semesters*)

**615383CD**                    **Cosmetology 4** (*Must register for both semesters*)

These courses prepare students to qualify for the state licensing examination and to be able to provide professional services in a beauty salon. Students will review all areas studied in Cosmetology 1 and 2 and will also receive training in safety, salon site planning, salon management, hairpieces, chemical relaxing, hair coloring, lightening and toning, and product chemistry by means of both theory and practical applications on both mannequins and live models.

Credit:                    2 units per semester for two semesters

Grade:                    12

Prerequisite:            Cosmetology 1 & 2; Successful completion of 11th grade requirements.

#### ATEC (Applied Technology Education Campus)

### Information Technology Career Cluster

#### PC Repair Career Major

PC Repair majors get jobs such as computer operators, computer / network installation technicians, service technicians, network technicians, and computer sales/service representatives.

**532082CD**                    **PC Repair 1**

This course is designed to teach students basic computer repair including basic computer theory, operating systems, installation and upgrade of software and hardware, assembling a computer, and basic troubleshooting. It provides students with solid computer knowledge for going directly into the workplace or post-secondary education.

Credit:                    2 units

Grade:                    10, 11, 12

Prerequisite:            None

**532182CD**                    **PC Repair 2**

This course continues the study of PC Repair 1. Students will learn advanced computer theory, peripherals, networking fundamentals, and advanced troubleshooting. Projects involving real situations will be utilized to develop these skills. After completion, the student will be ready to take the national CompTIA A+ Certification Exam to become a CompTIA A+ Certified Computer Technician.

Credit:                    2 units

Grade:                    11, 12

Prerequisite:            PC Repair 1

#### ATEC (Applied Technology Education Campus)

### Law, Public Safety, and Security Cluster

#### Law Enforcement Services Career Major

Law Enforcement Services is in the Law, Public Safety & Security cluster of courses identified by the U.S. Department of Education. Students who successfully complete this program will be prepared to enter the State Law Enforcement Academy. Law Enforcement experience and a four-year college degree open opportunities for employment with federal agencies and command positions in local and state law enforcement. Law Enforcement Services majors get jobs such as: police officer, deputy sheriff, correction officer, state trooper, magistrate, F.B.I agent, SLED agent or federal marshal.

**651082CD Law Enforcement 1**

This course includes an overview of the functions and history of law enforcement with emphasis on current laws that police officers must enforce. The study also includes the responsibilities of agencies involved in the administration of justice to include police organizations, court systems, correctional systems and juvenile justice agencies.

Credit: 2 units  
 Grade: 10, 11, 12  
 Prerequisite: None

**651182CD Law Enforcement 2**

This course enables students to experience academic and practical skills needed in the area of law enforcement. Units of study include crime scene investigation, self-defense tactics and DUI recognition.

Credit: 2 units  
 Grade: 11, 12  
 Prerequisite: Law Enforcement 1

**Fire and Emergency Services Career Major**

Fire and Emergency Services is in the Law, Public Safety & Security cluster of courses identified by the U.S. Department of Education. Students who successfully complete this program will be prepared to enter classes at the South Carolina Fire Academy to pursue being either a paid firefighter or a volunteer firefighter.

**651282CD Fire and Emergency Services 1**

This course provides the basic skills necessary to get personnel operational and performing at the fire site. Units of study include firefighter orientation and safety; fire behavior; portable extinguishers; protective equipment; search and rescue; ladders, fire hose, ropes and knots; building construction; and fire prevention and public education.

Credit: 2 units  
 Grade: 10, 11, 12  
 Prerequisite: None

**651382CD Fire and Emergency Services 2**

This course provides students with the knowledge and skills to meet the National Firefighter Standards on NFPA 1001. Units of study include fire streams; interior fire control; forcible entry; ventilation; salvage; water supply; wild land firefighting; communications; vehicle extrication; low and high angle ropes; confined space and trench rescue; building collapse; and hazardous materials.

Credit: 2 units  
 Grade: 11, 12  
 Prerequisite: Fire and Emergency Services 1

ATEC (Applied Technology Education Campus)**Manufacturing Career Cluster****Precision Metalworking Career Major**

The Precision Metalworking program is certified by the National Center for Construction Education and Research (NCCER) and enables students who complete two levels of Precision Metalworking to become nationally certified through NCCER. Precision metal and machinery majors get jobs such as: precision machine operators, production workers, quality control technicians, service and repair technicians, machinist apprentices, and industrial maintenance personnel. With more advanced education, students may become a CNC programmer, tool and die maker, or production supervisor in a well-paying, high-demand field.

**623082CD Precision Metalworking 1**

This course offers students precision metalworking in a working shop environment in order to develop positive work habits and safety skills required in today's workplace. Students will learn blueprint reading, layout procedures, the use of precision measuring tools, the operation of machine shop equipment, and welding. The importance of teamwork and positive work attitudes will be emphasized to prepare students for a technical career as a precision machine technician or precision metalworker.

Credit: 2 units  
 Grade: 10, 11, 12  
 Prerequisite: None

**623182CD Precision Metalworking 2**

This course stresses quality workmanship and precision required by the tooling or metalworking industry. The course emphasizes the importance of accuracy and holding close tolerances in machine work. Students will learn advanced skills in lathe and milling machine operations, project layout, and quality control. In addition, the programming of computer-driven machines, job setup, job runs, heat-treating and hardness testing will be taught. Completion of this course will prepare students for a career in production machine work, precision metalwork, machine shops, or industrial maintenance. Completion can also qualify students for an advanced placement credit in Machine Tool Technology at Central Carolina Technical College.

Credit: 2 units  
 Grade: 11, 12  
 Prerequisite: Precision Metalworking 1

**Welding Career Major**

The welding program is certified by the American Welding Society (AWS) Sense Program and enables students who complete two levels of Welding to become nationally certified through AWS. Welding career majors get jobs such as: welder assistants in welding shops, machine shops, auto/truck repair facilities, and the pipe welding/metal working industry. In order to perform well as a welder, the student must know basic math and be able to work with fractions and decimals. Welding also requires reasonably good health, eyesight, and manual dexterity.

**634083CD Welding 1**

This course introduces the student to welding processes and safety practices. The student will be required to safely perform the following: oxy-acetylene cutting, shielded metal arc welding, and gas metal arc welding. Information about all equipment and filler materials will be presented in the textbook, supplemental materials and in hands-on projects. The student will learn safe and efficient operations of small as well as large equipment used in welding industries. In addition the student will produce products using measurement techniques to 1/16 of an inch. Upon successful completion of Welding 1, the student will be prepared to advance to Welding 2.

Credit: 2 units  
Grade: 10, 11, 12  
Prerequisite: None

**634183CD Welding 2**

This course is designed to prepare the student for a welding career and will give them excellent job-entry skills. The student will learn advanced techniques of shielded metal arc welding, gas metal arc welding, gas tungsten arc welding, and plasma arc cutting processes. The student will also learn blueprint reading used in the welding industry. Safety rules will continue to be stressed in the curriculum. Upon successful completion of Welding 2, the student may be eligible to participate in dual enrollment welding courses for college credit through Central Carolina Technical College.

Credit: 2 units  
Grade: 11, 12  
Prerequisite: Welding 1

ATEC (Applied Technology Education Campus)**Transportation, Distribution and Logistics Career Cluster****Automotive Collision Technology Career Major**

Automotive Collision Technology majors get jobs such as: auto body paint repair assistants, stock clerks, and delivery personnel in parts and supply stores. With advanced education, students may become a body repair, frame repair, or paint technician, an insurance claims adjuster, a wholesale parts representative, collision shop owner, or repair instructor.

**602083CD Automotive Collision Technology 1**

This course will prepares students to repair the body and fenders of automobiles and light commercial vehicles under the supervision of an experienced automobile body repair technician. Students will receive an introduction to auto body construction, while learning the proper use of power tools, hand tools, and consumable materials needed to return a vehicle to its pre-accident appearance. There is a lab fee for this program. Fees are for safety equipment the student can keep once completing the program.

Credit: 2 units  
Grade: 10, 11, 12  
Prerequisite: None

**602183CD Automotive Collision Technology 2**

This course provides additional experience in the techniques of repairing an automobile and emphasizes the principles of the newest procedures, such as welding of plastic and high strength steels, complex, custom spraying methods, frame strengthening, and door skin bonding. Instruction includes business management and collision estimating. Students will complete projects and see repaired vehicles driven in the community. Quality workmanship, pride, and job readiness are stressed. There is a lab fee for this program. Fees are for safety equipment the student can keep once completing the program. **Students may also earn ASE or I-CAR certification.**

Credit: 2 units  
Grade: 11, 12  
Prerequisite: Automotive Collision Technology 1

### Automotive Technology Career Major

Automobile Technology majors get jobs such as: automotive technician trainees, technician assistants, lubrication specialists, tune-up specialists, and auto parts sales trainees. With advanced education, students may become a certified automotive technician or salesperson.

#### 603083CD Automotive Technology 1

The Automotive Technology Program is designed to prepare students to perform routine maintenance and service on all types of automobiles under the supervision of an experienced automotive technician. Automotive technology students receive instruction in shop safety and proper use of hand tools and shop equipment. In Automotive Technology 1, students will receive instruction in automotive brake systems and steering and suspension. Special emphasis is given to the established competencies, based on the **National Automotive Technicians Education Foundation (NATEF)**.

Credit: 2 units  
Grade: 10, 11  
Prerequisite: None

#### 603183CD Automotive Technology 2 *(Must register for both semesters)*

#### 603283CD Automotive Technology 3 *(Must register for both semesters)*

This advanced Automotive Technology Program is designed to prepare students to perform routine maintenance and service on all types of automobiles under the supervision of an experienced automotive technician. Automotive technology students receive advanced instructions in shop safety and proper use of hand tools and shop equipment. In Automotive Technology 2, students will receive instruction in engine performance and automotive electrical/electronic systems. Special emphasis is given to the established competencies, based on the **National Automotive Technicians Education Foundation (NATEF)**.

Credit: 2 units per semester for both semesters  
Grade: 11, 12  
Prerequisite: Automotive Technology 1

### ATEC Level 3 Courses

Students who have successfully completed Level 1 and Level 2 courses have the option of enrolling in Level 3 courses **with the recommendation of instructors**. Level 3 is offered in the following courses:

Automotive Collision Technology 3	602283CD
Carpentry and Residential Construction 3	609382CD
Commercial Art 3	612282CD
PC Repair 3	532282CD
Culinary Arts 3	519982CD
Early Childhood Education 3	639982CD
Graphic Communications 3	620283CD
Health Science 3	559082CD
Precision Metalworking 3	623282CD
Welding 3	634283CD

### ATEC Level 4 Courses

Level 4 classes are also available. Students must have successfully completed Level 3 and **have the recommendation of instructors**.

Automotive Technology 4	603383CD
Carpentry and Residential Construction 4	609482CD
Commercial Art 4	612382CD
PC Repair 4	532382CD
Graphic Communications 4	620383CD
Precision Metalworking 4	623382CD
Welding 4	634383CD

## English Language Arts

All secondary students are required to earn four full credits in English in order to receive a S.C. High School Diploma. Students who take English 1 in the eighth grade are offered advanced English courses. Students select from college prep, honors or Advanced Placement (AP) courses.

For students planning to attend college, English 1, 2, 3 and 4 are offered. These courses contain the components of grammar and composition, English literature and American literature required by the public colleges and universities of South Carolina and elsewhere.

Honors and AP courses are recommended for college-bound students who have demonstrated a previous record of successful performance in English. In addition to preparing students for successful college work, the courses are designed to prepare students for the AP exam. Dual enrollment coursework, through which college credit may be earned, is also available.

### **401101CH**            **SAT/ACT Preparation, Verbal and Writing** (*Must also register for SAT/ACT Preparation, Math*) See *Math section*.

This course explores the strategies for taking the verbal portion of the SAT/ACT. This course is for college-bound sophomores, juniors or seniors who want vocabulary enrichment, concentrated word study, and writing. Students will study synonyms, antonyms, word relationships, roots, prefixes, and suffixes in this study of words and items similar to those found on college entrance exams. This course must be combined with SAT/ACT Preparation, Math.

Offered: CHS, LEHS, NCHS  
 Credit: ½ unit  
 Grade: 10, 11, 12  
 Prerequisite: English 1

### **301162CW**            **English 1**

This course emphasizes writing compositions and studying literary works in depth. It is for students who may attend college or technical school. Course covers composition and literature interrelated with language study, including mechanics, usage, vocabulary, grammar, library study, and SAT skills. **Summer reading required.** The End-of-Course exam counts as 20% of a student's final grade.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 9  
 Prerequisite: None

### **309916CH**            **HSAP English**

This course is designed to assist students as they prepare for the HSAP Exit Exam. Exit Exam competencies will be emphasized using the A+LS. A ½ elective is awarded upon successful completion of this course.

Offered: CHS, LEHS, NCHS  
 Credit: ½ unit (elective)  
 Grade: 9,10,11,12  
 Prerequisite: None

### **309940CW**            **HSAP English**

This course is designed to assist students as they prepare for the HSAP Exit Exam. Exit Exam competencies will be emphasized. An elective credit is awarded upon successful completion of this course.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit (elective)  
 Grade: 9, 10, 11, 12  
 Prerequisite: None

### **301261HW**            **Honors English 2**

This course is for high-achieving students with advanced and mature study habits. It covers English 2 requirements and also involves additional reading, writing, interpretation, and evaluation of literature, research skills, and SAT preparation. **Summer reading is required.**

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 9, 10  
 Prerequisite: Referral or application

**301262CW English 2**

This course is designed for students who may attend college or technical school. Students will be introduced to literary forms such as the short story, the novel, drama, and poetry. The student will develop his language skills by learning to adapt his writing skills to a variety of purposes. Initial emphasis will be placed on writing the longer paper. The course will also focus on grammar, usage, mechanics, and vocabulary development to improve the student's reading, writing, and speaking abilities. **Summer reading is required.**

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 9, 10  
 Prerequisite: English 1

**301361HW Honors English 3**

This course is designed for the highly motivated, exceptionally talented language arts student who enjoys reading and is willing to put extra time and effort into English studies. The student should also be able to work independently and demonstrate above average grade-level proficiency in writing. This course concentrates on developing the student's ability to study and read literature critically and analytically through the study of major themes and writers of American literature from 1600 to the present. Critical analysis of works of literature as well as documented critical papers on literary topics will be required. **Summer Reading is required.**

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 10, 11  
 Prerequisite: English 2 or Honors English 2

**301362CW English 3**

This course requires students to write compositions and study American literature. It continues to build on the language study described in English 2. This level enhances skills for college work. Special emphasis is placed on the SAT/ACT preparation. **Summer reading is required.**

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 10, 11  
 Prerequisite: English 2

**301461HW Honors English 4**

This course continues the more intensified language study for high-achieving, highly motivated students. The reading program and the application process are also requirements, as described for Honors English 3. This level focuses on British literature and continues preparation for the SAT/ACT and AP English. **Summer reading is required.**

Offered: LEHS, NCHS  
 Credit: 1 unit  
 Grade: 11, 12  
 Prerequisite: English 3 or Honors English 3

**301462CW English 4**

This course is for college-bound students who will study British literature and write compositions, continuing to develop language skills essential for college work, as with previous levels of English. **Summer reading is required.**

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 11, 12  
 Prerequisite: English 3

**303061HW Honors Advanced Composition**

This course is designed to offer the advanced student the opportunity to continue studying literature and composition at an accelerated level. The course includes the study of world literature and writing tasks that will help students discover new insights. This course is a prerequisite for AP English, but if a student does not continue with AP English, the credit for this course will revert to honors weighting. **Summer reading is required.**

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 12  
 Prerequisite: Completion of or concurrent enrollment in English 4.

**307071AW AP English: Literature and Composition (Advanced Placement)**

This course is an intensified, in-depth study of literature and the process of analysis. Emphasizing advanced writing and discussion skills, this course will enable students to perform analytical close readings in preparation for advanced academic study in college. Reading selections include established works of literary merit. **Summer reading is required.** Students are required to take the AP exam.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 12  
 Prerequisite: Honors English 3 or 4, AP English & Language Composition or English 4

**307171AW AP English & Language Composition (Advanced Placement)**

This is the honors course for English 4 and is designed for students who have been enrolled in the honors program. The course focuses on sophisticated literary analysis and on the critical reading and writing skills expected of college level literature courses. Students are required to take the AP exam.

Offered: CHS, LEHS  
 Credit: 1 unit  
 Grade: 11, 12  
 Prerequisite: Honors English 3

**303062CW Advanced Composition**

This course offers in-depth practice in advanced writing skills required in college. It is strongly recommended for college bound students. Students will study selections from world literature. Emphasis is on persuasive and logical writing with usage of standard English. Students will write essays, themes about literature, and a formal term paper. **Summer reading is required.**

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 11, 12  
 Prerequisite: Previous completion of or concurrent enrollment in English 4.

**304060CW Speech (Public Speaking)**

This course is designed as an elective in grades 9-12 at LEHS and grades 10-12 at CHS and NCHS for any student who wishes to improve his competency in speaking and in the related skills of listening, composing, and reasoning. The selection of subjects, audience analysis, techniques of research, organization of materials, effective presentational skills as well as instruction in critical thinking and listening skills will be included. All state PACT standards pertaining to the use of spoken language will be addressed.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 9, 10, 11,12 at LEHS; 10,11,12 at CHS and NCHS  
 Prerequisite: English 1

**Three units of elective credit in journalism will apply toward graduation.****305062CW Journalism 1**

This course introduces the basic principles of media work. Students study the role of journalism in American society as well as the techniques of writing feature stories, editorials, and columns. Instruction is also given in graphics, layout and design, photography, and advertising.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 9, 10, 11, 12  
 Prerequisite: Application

**305162CW Journalism 2**

This course incorporates all tasks geared toward the skills needed to produce a newspaper or yearbook. Students desiring an opportunity to produce a school publication should take this course.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit (A) 1 unit (B)  
 Grade: 10, 11, 12  
 Prerequisite: Journalism 1

**305463CW Yearbook Production 2 (Fall)****305473CW Yearbook Production 2 (Spring)****305363CW Newspaper Production 2 (Fall)****305373CW Newspaper Production 2 (Spring)**

These courses provide an in-depth study of the responsibility of journalism in our system of mass communications and focus on the technical aspects of the media. Instruction emphasizes management, public relations, finance, and photography.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 10,11,12  
 Prerequisite: Journalism 2

**305464CW Yearbook Production 3 (Fall)****305474CW Yearbook Production 3 (Spring)****305364CW Newspaper Production 3 (Fall)****305374CW Newspaper Production 3 (Spring)**

These courses provide an in-depth study of the responsibility of journalism in our system of mass communications and focus on the technical aspects of the media. Instruction emphasizes management, public relations, finance, and photography. Students will also have an opportunity to study other areas of the media which may interest them.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 10, 11, 12  
 Prerequisite: Teacher approval

**305465CW**            **Yearbook Production 4 (Fall)**  
**305475CW**            **Yearbook Production 4 (Spring)**  
**305365CW**            **Newspaper Production 4 (Fall)**  
**305375CW**            **Newspaper Production 4 (Spring)**

These courses provide an in-depth study of the responsibility of journalism in our system of mass communications and focus on the technical aspects of the media. Instruction emphasizes management, public relations, finance, and photography. Students will also have an opportunity to study other areas of the media which may interest them.

Offered:            CHS, LEHS, NCHS  
 Credit:              1 unit  
 Grade:              10, 11, 12  
 Prerequisite:      Teacher approval

## Mathematics

Every effort is made to help students select an appropriate mathematics course in accordance with their career major and future goals. If students have doubts about the most appropriate course to take, they should consult their guidance counselor or a member of the mathematics faculty.

Secondary students must earn four credits in mathematics in order to receive a South Carolina High School Diploma. For all students planning to attend college, Algebra 1, 2 and Geometry are required. Algebra 3/Trigonometry or Pre-Calculus and Calculus are also recommended.

**415001CH**            **SAT/ACT Preparation, Math** (Must also register for SAT/ACT Preparation, Verbal) See English Section

This course explores the strategies for taking the math portion of the SAT/ACT. Numerous practice tests will be given in order for students to become accustomed to the testing format. Included topics will come from pre-algebra, Algebra 1, Algebra 2, and Geometry. **This course must be combined with SAT/ACT Verbal.**

Offered:            CHS, LEHS, NCHS  
 Credit:              ½ unit  
 Grade:              10, 11, 12  
 Prerequisite:      Geometry

**411162CW**            **Algebra 1**

This course is designed to offer algebraic content to students. Students will be taught the following: quadratic and polynomial functions, factoring, operations and properties of real numbers, simplifying expressions, solving equations and inequalities, and applications. Algebra 1 competencies are presented that meet the state Algebra 1 standards. The End-of-Course exam counts as 20% of a student's final grade.

Offered:            CHS, LEHS, NCHS  
 Credit:              1 unit  
 Grade:              9, 10  
 Prerequisite:      None

**411262CW**            **Algebra 2**

This course is designed to offer intermediate and advanced algebra content to students. A graphing calculator will be used in this course. Students will learn about equations and inequalities, linear equations and functions, systems of linear equations and inequalities, matrices and determinants, quadratic functions, solving and graphing linear inequalities, powers, roots, and radicals, exponents and exponential functions, quadratic equations and functions, and polynomials and factoring. This is a college preparatory course required for students who plan to attend a state-supported college or university.

Offered:            CHS, LEHS, NCHS  
 Credit:              1 unit  
 Grade:              10, 11, 12  
 Prerequisite:      Geometry

**411261HW**            **Honors Algebra 2**

This course is for highly motivated students with a B or better in Honors Algebra 1 (or an A in Algebra 1 or A in Geometry) and for those who plan a science, mathematics or engineering major in college. A more rigorous treatment of topics covered in the Honors Algebra 2 course (as well as additional concepts) will be emphasized.

Offered:            CHS, LEHS, NCHS  
 Credit:              1 unit  
 Grade:              10, 11, 12  
 Prerequisite:      B in 8<sup>th</sup> grade Algebra 1 or A in high school Algebra 1

**412162CW          Geometry**

This course is designed to utilize mathematical proof in the development of logical reasoning. Students will gain skills in geometric shapes, relationships, and measurements, which will help prepare them for academic or technical experiences.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 10, 11  
 Prerequisite: Algebra 1

**412161HW          Honors Geometry**

This course covers how to use mathematical proofs in the development of two and three-dimensional concepts and properties. Major emphasis is on abstract proof and thought processes. Accelerated students are encouraged to take this course. A rapid pace is maintained and more content is covered.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 9, 10  
 Prerequisite: Algebra 1

**411161CW          Algebra 1A**

This course is designed to prepare students for academic or technical college, or the workplace. The curriculum includes order of operations, variables, real numbers, properties of real numbers, solving and graphing linear equations and functions, writing linear inequalities, and solving and graphing linear inequalities. Students are expected to develop calculator skills in this course. Scientific calculators are recommended.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 9, 10  
 Prerequisite: None

**411163CW          Algebra 1B**

This course is a continuation of Algebra 1 A. In this course, topics include systems of linear equations and inequalities, exponents and exponential functions, quadratic equations and polynomials and factoring. Graphing calculator usage occurs in this course. The Algebra 1 End-of-Course exam will be given at the completion of this course and it counts as 20% of a student's final grade.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 9, 10  
 Prerequisite: Algebra 1A

**319915CH          HSAP Math**

This course is designed to assist students in preparation for the HSAP Exit Exam. Exit Exam competencies will be emphasized using the A+LS. A ½ elective credit is awarded upon successful completion of this course.

Offered: CHS, NCHS, LEHS  
 Credit: ½ unit (elective)  
 Grade: 9, 10, 11, 12  
 Prerequisite: None

**319903CW          HSAP Math**

This course is designed to assist students as in preparation for the HSAP Exit Exam. Exit Exam competencies will be emphasized. An elective credit is awarded upon successful completion of this course.

Offered: CHS, NCHS, LEHS  
 Credit: 1 unit (elective)  
 Grade: 9, 10, 11, 12  
 Prerequisite: None

**411362CW          Algebra 3**

This course is for students who need a formal background in mathematics, have excellent mathematics skills, and are highly motivated. Topics include trigonometric and circular functions, the Laws of Sine and Cosine, verification and derivation of identities, exponential and logarithmic functions, graphing, statistics, and data analysis.

Offered: CHS, NCHS  
 Credit: 1 unit  
 Grade: 11, 12  
 Prerequisite: Algebra 2 and Geometry

**414162CW          Probability and Statistics**

This course covers the fundamental principles of probability and statistics and applies these principles to data analysis. Students are expected to utilize scientific calculators, graphing calculators, and/or computer software throughout the course.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 11, 12  
 Prerequisite: Algebra 2 and Geometry

**414161HW Honors Probability and Statistics**

This is a more rigorous course which covers the fundamental principles of probability and statistics and applies these principles to data analysis. Students are expected to move at a faster pace and cover curriculum in more depth of study. The goal is to have students quantitatively literate.

Offered: CHS, LEHS, NCHS  
Credit: 1 unit  
Grade: 11,12  
Prerequisite: Algebra 2 and Geometry

**413162CW Pre-Calculus**

This course is a program of mathematical studies focusing on the development of the student's ability to understand and apply the study of functions and advanced mathematics concepts to solve problems. It will include an in-depth study of polynomial, rational, exponential, logarithmic, and trigonometric functions. Other topics studied are sequences, series, vectors, conic sections, parametric equations, and polar curves. Graphing calculators are an integral part of all instruction.

Offered: CHS, LEHS, NCHS  
Credit: 1 unit  
Grade: 10, 11, 12  
Prerequisite: Algebra 3, Algebra 2 and Geometry

**413161HW Honors Pre-Calculus**

This course is designed for the highly motivated student who plans to take AP Calculus, thereby earning college credit in high school. The content will be the same as Pre-Calculus, but taught at a more accelerated rate. This rigorous course will incorporate trigonometry, circular function, and trig identities besides the topics in Pre-Calculus. This course is a prerequisite for AP Calculus.

Offered: CHS, LEHS, NCHS  
Credit: 1 unit  
Grade: 12  
Prerequisite: Honors Algebra 2 and Honors Geometry

**417061HW Honors Differential Calculus**

This course will include a review of advanced Algebra and Trigonometry; Limits and their properties; Continuity of functions; differentiation, its properties and applications; related rates; curve sketching, and an introduction to integration. This course is a prerequisite for AP Calculus.

Offered: CHS, LEHS, NCHS  
Credit: 1 unit  
Grade: 12  
Prerequisite: Honors Pre-Calculus

**417071AW AP Calculus AB (Advanced Placement)**

This course is designed to follow the Calculus AB Course description as set forth by the College Board. Students taking this course will be prepared to take the AP Calculus AB test in the spring of the school year they are enrolled. Course of study will include properties of functional limits, differential calculus and integral calculus. The fundamentals and mechanics of calculus are presented from graphical, numerical and analytical perspectives.

Offered: CHS, LEHS, NCHS  
Credit: 1 unit  
Grade: 12  
Prerequisite: Honors Differential Calculus

**417171AW AP Statistics (Advanced Placement) (Spring Semester)**

This course is a hands-on, laboratory approach to the study of data sets. The goal is to have students become quantitatively literate. The methodology employed to attain that goal includes an emphasis on problem solving and using the computer regularly to analyze large data sets. The four major themes are exploratory analysis, planning a study, probability and statistical inference. Students will be required to take the AP exam.

Offered: CHS, LEHS, NCHS  
Credit: 1 unit  
Grade: 11, 12  
Prerequisite: Honors Probability and Statistics

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## Science

Students must earn three units of science in order to graduate. Any units in course work described below fulfill this requirement. (All four-year colleges and universities require three units of a lab science.)

Students planning to attend college are expected to take physical science, biology, chemistry and/or physics. In addition to the basic program, students with intense interest in science may take a second course in biology and chemistry.

Advanced level courses are designed for students who are interested in pursuing scientific or medical careers, and are very rigorous in nature. Advanced mathematical problem-solving skills will be necessary for success.

Students planning to attend college who are interested in the liberal arts will take the first course in these science subjects to gain a strong background for any general science courses offered in college.

### **321162CW Physical Science**

This course is designed for students who may wish to attend a college, technical college, or enter the work place upon graduation. The course provides a general introduction to topics in chemistry and physics. Chemistry topics cover the classification, composition, structure, and changes in matter. Physics investigates energy transformations and the relationship between energy and matter. This work will serve as a background for additional studies in a more advanced chemistry or physics course.

Offered: CHS, LEHS, NCHS  
Credit: 1 unit  
Grade: 9, 10  
Prerequisite: Algebra 1

### **321161HW Honors Physical Science**

This course is designed for highly motivated students planning to attend college. The course provides a background in chemistry and physics. Chemistry topics cover the classification, composition, structure, and changes in matter. Physics investigates energy transformations and the relationship between energy and matter. The curriculum is designed for the student who accepts challenges and strives toward excellence in academics.

Offered: CHS, LEHS, NCHS  
Credit: 1 unit  
Grade: 9  
Prerequisite: Algebra 1

### **326562CW Earth Science**

This course consists of selected topics from the fields of geology, oceanography, meteorology, and astronomy. Topics are selected from these areas of study to convey to the student both an appreciation for the basic processes of science and an acquaintance with the current problems and ideas in the earth sciences. By the end of this course, students should gain a better understanding of the planet on which they live.

Offered: CHS, LEHS, NCHS  
Credit: 1 unit  
Grade: 11,12  
Prerequisite: Physical Science, Applied Biology or Biology 1

### **322161HW Honors Biology 1**

This course is designed for highly motivated students planning to attend college. Course content includes the molecular basis of biology, the classification system of plants and animals, heredity, and ecology. Lab and field activities are extensive. The curriculum is designed for the student who accepts challenges and strives toward excellence in academics.

Offered: CHS, LEHS, NCHS  
Credit: 1 unit  
Grade: 9,10, 11, 12  
Prerequisite: Honors Physical Science

### **322162CW Biology 1**

This course is offered to the college prep student who is planning to take chemistry and/or physics, as well as those who are seeking a technical career. Students will be introduced to the molecular basis of biology, the classification system of plants and animals, heredity, and ecology. Lab and field activities are essential to this course. The End-of-Course exam counts as 20% of a student's final grade. It is required for graduation.

Offered: CHS, LEHS, NCHS  
Credit: 1 unit  
Grade: 9,10, 11, 12  
Prerequisite: None

**322672CW Applied Biology 1**

This course is laboratory-based and integrates the treatment of biology and chemistry as a unified domain of subject matter. This course emphasizes problem-solving, decision-making, critical thinking, and applied learning. Students explore the concepts and principles of biology and chemistry and apply these concepts and principles to issues in the workplace, in society, and in personal life experience. Applied Biology is designed to be both academically rigorous and realistic for students pursuing technical careers and for students planning to continue their education at the technical or collegiate level.

Offered: CHS, LEHS, NCHS  
Credit: 1 unit  
Grade: 9,10,11  
Prerequisite: None

**322772CW Applied Biology 2**

This course is laboratory-based. It will continue to explore biological concepts and principles. The course emphasizes problem-solving, decision-making, critical thinking and applied learning. The focus will be on the kingdom of life, the body systems, and evolutionary and ecological relationships. Like Applied Biology I this course is designed for students who are planning a technical career. The End-of-Course exam counts as 20% of a student's final grade. It is required for graduation.

Offered: CHS, LEHS, NCHS  
Credit: 1 unit  
Grade: 9,10,11,112  
Prerequisite: Applied Biology 1

**322261HW Honors Biology 2**

This course is designed for students who may plan to major in science related fields at the college level. Emphasis is placed on the following areas: cells, bacteriology, genetics, human anatomy and physiology, plants and scientific methodology.

Offered: CHS, LEHS, NCHS  
Credit: 1 unit  
Grade: 11, 12 (10 with recommendation)  
Prerequisite: Honors Biology 1

**327271AW AP Biology (Advanced Placement)**

This course is designed to be the equivalent of a general biology course taken during the first year of college. This course builds on knowledge from Honors Biology 2 and will prepare the student for the AP exam in the spring. Students will be required to take the AP exam.

Offered: CHS, LEHS, NCHS  
Credit: 1 unit  
Grade: 11,12  
Prerequisite: Honors Biology 2

**323162CW Chemistry 1**

This course covers major principles including atomic structure, periodic table trends, bonding, chemical equations, and stoichiometry, properties of matter, solutions and electrolytes, acids and bases, organic chemistry and other selected topics. The course is designed for students preparing to attend college or technical school, as well as those seeking an industry-based career.

Offered: CHS, LEHS, NCHS  
Credit: 1 unit  
Grade: 10, 11, 12  
Prerequisite: Physical Science

**323161HW Honors Chemistry 1**

This course is designed for the highly motivated college preparatory student. It covers the classification of matter, chemistry, math/measurement, atomic structure, bonding, periodic law, formula writing and equation writing, stoichiometry, solutions, gas laws, acids and bases, and other selected topics. The course emphasizes the mathematical problem solving aspects of chemistry and includes large blocks of laboratory experience. Students taking this course should be mature, independent learners who are ready to accept the responsibility of completing many tasks on their own as homework.

Offered: CHS, LEHS, NCHS  
Credit: 1 unit  
Grade: 11, 12 (10 with recommendation)  
Prerequisite: Algebra 2, Honors Physical Science and/or Honors Biology

**323261HW Honors Chemistry 2**

This course is intended to prepare students for the second semester chemistry course in the first year of college. Topics include, but are not limited to, study of solutions, reaction kinetics, chemical equilibrium, acid-base chemistry, thermodynamics, electrochemistry, organic and nuclear chemistry. Labs are performed to supplement each topic.

Offered: CHS, LEHS, NCHS  
Credit: 1 unit  
Grade: 11, 12  
Prerequisite: Honors Chemistry 1 and Geometry

**327371AW AP Chemistry (Advanced Placement)**

This course is designed to be the equivalent of the general chemistry course usually taken during the first year of college. A contemporary college chemistry text that stresses principles and concepts and their relationship to the descriptive chemistry on which they are based is used. Students will attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. The course is laboratory-oriented. Students will be required to take the AP exam.

Offered: CHS, LEHS, NCHS  
Credit: 1 unit  
Grade: 11,12  
Prerequisite: Honors Chemistry 2

**329901CW Zoology**

This course provides a study of the animal kingdom with an emphasis on the invertebrates. The phyla in which each group of organisms is contained are surveyed. Exemplary organisms from the major phyla will be dissected. This course should be taken if the student plans to major in science.

Offered: CHS, LEHS, NCHS  
Credit: 1 unit  
Grade: 11, 12  
Prerequisite: Biology 1 or Applied Biology 2

**324162CW Physics**

This course covers the following topics: measurement, force, vectors, motion, work, power, energy, light, sound, electricity, heat, and nuclear reactions. Newtonian physics and quantum physics will be discussed and compared. Laboratory activities are coordinated with the course content so students can grasp the experimental nature of science. A strong mathematics background is essential. Students planning to pursue careers in science, medicine, or engineering should take this course before entering college.

Offered: CHS, LEHS, NCHS  
Credit: 1 unit  
Grade: 11, 12  
Prerequisite: Physical Science, Chemistry, Algebra 2

**324161HW Honors Physics**

This course emphasizes the fundamental laws of nature upon which all science is based. While fundamental physics is emphasized, applied physics is also addressed in topics of classical mechanics and thermodynamics. Students should be prepared for quantitative treatment of topics. Preferably, students should complete one year of chemistry before enrolling in physics. Students contemplating careers in science are encouraged to select this course. This course will serve as a prerequisite for AP Physics.

Offered: CHS, LEHS, NCHS  
Credit: 1 unit  
Grade: 11,12  
Prerequisite: Completion or concurrent enrollment in Pre-Calculus

**324171AW AP Physics (Advanced Placement)**

This course is designed at the college level and the topics to be covered in a quantitative manner are waves, optic, electromagnetism and modern physics. Students will be required to take the AP exam.

Offered: CHS, LEHS, NCHS  
Credit: 1 unit  
Grade: 11, 12  
Prerequisite: Honors Physics

**326362CW Anatomy & Physiology**

This course offers an in-depth study of the anatomy and physiology of the human body systems and their disorders. This is a laboratory course that will explore the concepts and principles of anatomy and physiology. Dissections and microscope are required. This course is designed for students pursuing a technical career and for students planning to continue their education at the technical or college level. Advanced dissections are required and microscope work will be utilized.

Offered: CHS, LEHS  
Credit: 1 unit  
Grade: 10, 11, 12  
Prerequisite: Biology 1, Chemistry 1

## Social Studies

Three units in social studies are required for a South Carolina High School Diploma: one unit in U.S. History, 1/2 unit in American Government, 1/2 unit in Economics, and one elective unit. Many colleges require World History.

Students who are striving to achieve the Academic Honors Medal upon graduation must take four units of social studies.

### **331061HW Honors World Geography**

This course will include in-depth research into the geographical, geological, cultural, and political aspects of peoples around the world. Students will learn how physical geography (landforms, climates, and vegetation) affects human geography (population, settlement, and infrastructure). In addition, students will acquire more detailed and complex skills they can utilize in other disciplines. Students will complete various projects that include the elements of research, exploration, and evaluation.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 9,10  
 Prerequisite: None

### **331062CW World Geography**

This course will include research in geographical, geological, cultural, and current events. Students will learn about the kinds of landforms and climates that form our physical environment, how they influence the way we live. Included will be man's influence on the environment with emphasis on existing and potential solutions to environmental problems. Students will also study current events and the relationships between nations.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 9, 10, 11, 12  
 Prerequisite: None

### **332062CW U.S. History**

This course explores the growth of the United States from the settlement of America to the present. It will help students realize that history is a series of interrelated events and help students develop an understanding of the cause and effect relationships. Students will also learn to identify recurring historical concepts such as conflict, change, peace, nationalism, and migration. The End-of-Course exam counts as 20% of a student's final grade.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 11, 12  
 Prerequisite: None

### **333062CH U.S. Government**

This course examines the structure and function of American government and the American political system. Students will study U.S. Constitution principles underlying federalism, the legislative process, the role of political parties, and citizen participation. This course focuses on how political institutions relate to citizens and shows ways citizens can become involved. This course may be used to satisfy the South Carolina requirements for high school graduation.

Offered: CHS, LEHS, NCHS  
 Credit: 1/2 unit  
 Grade: 11, 12  
 Prerequisite: None

### **333071AW AP American Government (Advanced Placement)**

This course is recommended for exceptionally talented college-bound students who have demonstrated a previous record of excellence in social studies courses and who are interested in government and politics. It is designed to give students a critical perspective on politics and government in the United States. The student will be required to take the AP exam.

Offered: CHS  
 Credit: 1 unit  
 Grade: 11, 12  
 Prerequisite: Honors U.S. History

### **333562CW Civics**

The course is designed to give students the opportunity to learn about the meaning of citizenship. It will include the rights of U.S. citizens and the many duties and responsibilities that must be fulfilled. Contributing to the common good will be emphasized.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 10, 11, 12  
 Prerequisite: None

### **333662CW Law Education**

This course provides practical understanding of the law and the legal system, which will be of use in everyday life. The course is divided into four units: introduction to the legal system, individual rights and freedoms, consumer law, and family law.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 9, 10, 11, 12  
 Prerequisite: None

**334062CW Psychology**

This course is a general study of important concepts and principles related to human development. Students will learn to better understand themselves and others through experiments, special projects, and demonstrations.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 11, 12  
 Prerequisite: None

**334562CW Sociology**

This course, which studies society and human relationships, is designed to introduce the serious student to sociological terminology, core concepts, and the ways sociologists investigate, describe, and analyze social life. Students will study the organization of American society through the study of social institutions such as the family and social problems such as poverty and crime.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 10, 11, 12  
 Prerequisite: None

**335062CH Economics**

This course is designed to give students an understanding of economic concepts and principles, types of businesses, money and banking, other economic systems, and consumer awareness. This course may be used to satisfy the state requirements for high school graduation.

Offered: CHS, LEHS, NCHS  
 Credit: 1/2 unit  
 Grade: 11, 12  
 Prerequisite: None

**335062CW Junior Achievement Economics/ U.S. Government**

This course provides the opportunity for students to explore and clarify attitudes toward the American economic system and learn skills necessary to function as an informed citizen in the system. Students will apply economic concepts to organize and operate a small company, discuss case studies about socioeconomic tradeoffs such as energy and the environment, and compete as teams in computerized management simulation games. This course is offered in cooperation with Junior Achievement and may be used to satisfy the state requirements for high school graduation.

Offered: CHS  
 Credit: 1 unit  
 Grade: 10, 11, 12  
 Prerequisite: None

**336061HW Honors World History**

This course is a demanding study of world history, requiring students to understand, analyze, and interpret the connections between major historical events/eras, such as the beginnings of human society, early civilizations, the rise of pastoral peoples, classical traditions, world faiths, and extensive empires, expanding zones of change and encounter, intensified hemispheric interactions, global expansion and encounter, the age of revolutions, and the twentieth century. Students will be expected to read extensively, think critically, perform research, exploration, and evaluation.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 10, 11, 12  
 Prerequisite: None

**336062CW World History**

This course covers the history of mankind from prehistoric times to the modern period with emphasis on the world as a whole rather than the nations in isolation. Students will become aware of the continuity of history and the cultural contributions made by various civilizations. Writing skills are utilized and analysis of primary source documents is an important part of the course.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 10, 11, 12  
 Prerequisite: None

**337261HW Honors U.S. History**

This course is designed to help students master more detailed and complex material pertaining to the history of the United States. Students completing this course will have the opportunity to take AP U.S. History during the second semester. The End-of-Course exam counts as 20% of student's final grade.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 11, 12  
 Prerequisite: None

**337271AW AP U.S. History (Advanced Placement)**

This course consists of an in-depth study of the history of the United States. The End-of-Course exam counts as 20% of the student's final grade. The student will be required to take the AP exam.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 11, 12  
 Prerequisite: Honors U.S. History

**337661HW Honors European History**

This course is designed to help students master more detailed and complex material pertaining to the history of Europe. Students completing this course will have the opportunity to take AP European History during the second semester.

Offered: LEHS  
 Credit: 1 unit  
 Grade: 10,11  
 Prerequisite: None

**337671AW AP European History (Advanced Placement)**

This course consists of an in-depth study of the history of modern Europe. A test for AP college credit is offered by the Educational Testing Service in the spring of the school year. The End-of-Course exam counts as 20% of the student's final grade. The student will be required to take the AP exam.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 11, 12  
 Prerequisite: Honors English 2, Honors World Geography

**338921EW Teacher Cadet**

This course utilizes a curriculum, which focuses on the learner, the school, the teacher and teaching, and schools of the future. It is part of a statewide program, which allows students to explore education as a career option. After classroom instruction on education related issues, students get to work with a master teacher and gain some actual teaching experience. Students applying for the program will have to go through a selection process. This course is designed for college prep students with at least a B average. It will be offered at each school site based on sufficient interest and staffing. Students signing up for the course, will be notified about the selection process.

Offered: CHS, LEH, NCHS  
 Credit: 1 unit  
 Grade: 11, 12  
 Prerequisite: Selection process

**379992CW High School 101**

This course prepares freshmen to become successful students and productive citizens. Students will embark on a comprehensive study of the leadership skills necessary both in and out of the classroom. The course will not only emphasize academic skills (such as time management, note-taking, media/cyber literacy, technology use, and reading literacy), but it will also emphasize life skills (such as fiscal responsibility, media/cyber literacy, technology use, and reading literacy). In addition, students will have the opportunity to explore career options. Through book studies, service learning projects and guest speakers, this course will help students lay the foundations for success over the next four years and beyond.

Offered: CHS, LEH, NCHS  
 Credit: 1 unit  
 Grade: 9<sup>th</sup> grade only  
 Prerequisite: None

**379962CW Mentor Tutoring**

This course will enable students to become a role model to students (elementary or middle school). Students will learn to help the child with self-esteem and conflict management while also assisting the student with academics.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 10,11,12  
 Prerequisite: Application and principal approval

## Physical Education & JROTC

**State graduation requirements mandate that all students earn at least one unit of physical education or one unit of JROTC.** Of course, more units can be earned in these subject areas as electives. However, no more than four units can be applied toward graduation.

### Physical Education

#### **344162CW Physical Education 1**

This course helps students learn how to maintain an appropriate level of physical and motor fitness necessary for an active life-style including power, speed, agility, balance, reaction time, and anticipation timing. The purpose of the course is for students to acquire usable skills for current and future interests. The four content areas are physical fitness, individual sports, team sports, and leisure education. The AAHPER or South Carolina Physical Fitness Test is given during this course.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 9  
 Prerequisite: None

#### **344262CW Physical Education 2**

This course is an advanced physical education program for students who have completed their physical education unit requirement with at least a C average and have an interest in exercise and athletics. Students will increase their knowledge and skills in maintaining an appropriate level of physical fitness, increasing their capacity to participate in sport type activity, and improving motor fitness components necessary for an active life-style. The four content areas are physical fitness individual sports, team sports, and leisure education.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 10, 11, 12  
 Prerequisite: Physical Education 1, or JROTC 1, and Student Health Insurance required of all students.

#### **344362CW Physical Education 3**

This course emphasizes physical conditioning for the individual who cares about his or her external as well as internal well being. Students will learn how to improve their strength, flexibility, cardiopulmonary (heart-lung) function, muscle tone, and general physical well being.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 10, 11, 12  
 Prerequisite: Student Health Insurance required of all students.

#### **344462CW Physical Education 4 (Strength & Conditioning)**

This course is rigorous and designed to develop and enhance the student's fitness and performance for athletic activities. It will increase fitness, flexibility, and resistance to injury. Activities include but, are not limited to, running, weight training, flexibility, agility exercises, etc.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 10, 11, 12  
 Prerequisite: Student Health Insurance required of all students.

#### **344563CW Adaptive Physical Education 1**

This course is designed for students with special needs who are unable to participate in a regular physical education course. The course content is modified to meet the student's ability to participate in team, individual, leisure, and physical fitness activities.

Offered: CHS, NCHS, LEHS  
 Credit: 1 unit  
 Grade: 9, 10, 11, 12  
 Prerequisite: Referral

#### **349905CW Recreational Sports**

This course is designed for the individual who wants to be physically active, but does not wish to participate in competitive sports. The focus will be on activities that can be pursued throughout adulthood. Such activities might include tennis, badminton, golf, ping pong, etc.

Offered: CHS, LEHS  
 Credit: 1 unit  
 Grade: 9, 10, 11, 12  
 Prerequisite: Physical Education 1 or JROTC 1

**340262CW Personal Health and Wellness 1**

The course aids students in acquiring and incorporating information about diet and nutrition and fitness to maintain optimum health. It is designed to help students develop and implement an individualized fitness plan. Students will participate regularly in fitness activities such as aerobics, fitness walking/jogging, weight training and more. This course would be great for **females** interested in a medical career.

Offered: CHS  
 Credit: 1 unit  
 Grade: 9, 10, 11, 12  
 Prerequisite: Physical Education 1 or JROTC 1

**340263CW Personal Health and Wellness 2**

The course aids students in acquiring and incorporating information about diet and nutrition and fitness to maintain optimum health. It is designed to help students develop and implement an individualized fitness plan. Students will participate regularly in fitness activities such as aerobics, fitness walking/jogging, weight training and more. This course would be great for anyone interested in a medical career.

Offered: CHS  
 Credit: 1 unit  
 Grade: 9,10,11,12  
 Prerequisite: Physical Education 1 or JROTC 1

**555562CW Sports Medicine 1A**

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

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 10, 11,12  
 Prerequisite: Students are encouraged to have previous course work in the biological sciences and/or health science.

**555572CW Sports Medicine 1B**

This course is designed as a continuation of Sports Medicine 1A for students interested in career opportunities available as athletic trainers, physical therapists, and physicians in the sports medicine field. Students are instructed in basic body anatomy and physiology as it relates to the principles of conditioning and the treatment of athletic injuries. Students study both protective and supportive devices used in prevention and care of athletic injuries.

Offered: CHS,LEHS,NCHS  
 Credit: 1 unit  
 Grade: 11,12  
 Prerequisite: Sports Medicine 1A

**555662CW Sports Medicine 2A**

This course is designed as a continuation of Sports Medicine Program of Study for students interested in career opportunities available as athletic trainers, physical therapists, and physicians in the sports medicine field. Students are instructed in basic body anatomy and physiology as it relates to the principles of conditioning and the treatment of athletic injuries. Students study both protective and supportive devices used in prevention and care of athletic injuries. Students will work in different medical settings to explore the different fields of sports medicine. This course offers students hands-on work experience where students go to local hospitals, sports medicine clinic, a physician's offices to explore the real world job situations.

Offered: CHS,LEHS,NCHS  
 Credit: 1 unit  
 Grade: 11,12  
 Prerequisite: Sports Medicine 1B

**555672CW Sports Medicine 2B**

This course is designed as the culmination of Sports Medicine Program of Study for students interested in career opportunities available as athletic trainers, physical therapists, and physicians in the sports medicine field. Students are instructed in basic body anatomy and physiology as it relates to the principles of conditioning and the treatment of athletic injuries. Students study both protective and supportive devices used in prevention and care of athletic injuries. Students are required to work on campus with the certified athletic trainer to coordinate game setup, practice set-up and schedules for student athletic trainers. They work with the certified athletic trainer to coordinate student workshops and skill check off events. Students work after school to assist in covering sporting events.

Offered: CHS,LEHS,NCHS  
 Credit: 1 unit  
 Grade: 11,12  
 Prerequisite: Sports Medicine 2A

**349901CW Weight Training 1**

This course provides physical conditioning for athletes who care about his or her external as well as internal well being. Students will learn how to improve their strength, flexibility, cardiopulmonary (heart-lung) function, muscle tone and general physical well being.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 10  
 Prerequisite: None

**349902CW Weight Training 2**

This course provides physical conditioning for junior athletes who are interested in strength and speed training. Students will work on speed, strength and flexibility. There will also be some polymeric work. This course will be taught second semester only.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 11  
 Prerequisite: Weight Training 1

**349903CW Weight Training 3**

This course provides physical conditioning for Junior Varsity and Varsity athletes. Students will learn how to improve their strength, flexibility, cardiopulmonary (heart-lungs) function, muscle tone, and general physical well being. This is an advanced class in strength and speed training. Polymeric, foot skills and balance will also be addressed. This course will be taught first semester only.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 10, 11, 12  
 Prerequisite: Weight Training 2

**349904CW Weight Training 4**

This course provides physical conditioning course for the "Olympic sport" athlete who cares about his or her internal well being. Students will learn how to improve their strength, flexibility, cardiopulmonary (heart-lung) function, muscle tone and general well being. This course will be taught first semester only.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 10, 11, 12  
 Prerequisite: Weight Training 3

**340162CW Family and Community Health**

This course will help students develop decision-making skills to take responsibility for their health. Study units will cover the use and abuse of mood modifiers; alcohol, tobacco, drugs, and narcotics; disease prevention and control; weight control; basic nutrition; safety, first aid, and emergency care. Understanding of the functions of the human body, the growth process, and factors that influence human health will increase. (At CHS students will study the family as the basic unit of society while exploring the complexities of marriage and family life in a changing society. Establishing and maintaining interpersonal relationships, preparing for marriage and family life, and managing resources to achieve individual and family goals will be a focal point of this course. This will be taught in Family Life Education at LEHS. First Aid and CPR Certification will occur at NCHS. At NCHS, this course meets the comprehensive health education mandate.

Offered: CHS, LEHS  
 Credit: 1 unit  
 Grade: 9, 10, 11, 12  
 Prerequisite: None

## JROTC Program

The mission of JROTC is "to motivate young people to be better citizens." The program is designed to teach students the value of citizenship, leadership, service to the community, personal responsibility, and a sense of accomplishment, while instilling in them self-esteem, teamwork, and self-discipline. It prepares high school students for responsible leadership roles while making them aware of their rights, responsibilities, and privileges as American citizens. The JROTC Program of Instruction (POI) links each chapter to show cross connection of McREL (Mid-Continent Research for Education and Learning standards with each chapter of the POI. The course length is normally four years and consists of up to eight levels of Leadership, Education, and Training (LET). Each LET level covers mandatory training as well as state and JROTC elective hours.

The mandatory training consists of: introduction; character and leadership development; leadership theory and application; foundations for success; wellness, fitness, and first aid; geography and earth science; citizenship and American history; and administration, testing, and inspections. Required electives consist of "Unlocking Your Potential", "Winning Colors", and service learning. Approved electives are a required component of the JROTC program.

*Students taking JROTC do not incur any obligation for military service. However, students planning a military career may wisely choose these courses as preparation for the future.*

**375162CW JROTC 1-A (Fall)**  
**375172CW JROTC 1-B (Spring)**

This course covers the rights, privileges, and responsibilities of citizenship, the customs and history of the military, effective oral communication, the importance of physical fitness and diet in maintaining good health and appearance, proficiency in basic military skills (drill and ceremonies, first aid, marksmanship, and map reading), the dangers of substance abuse and the importance of mental management including goal setting and positive self-talk. New cadets will practice for and undergo the cadet challenge physical testing program. This course may be used for required physical education credit and may be taken in lieu of physical education.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 9, 10, 11, 12  
 Prerequisite: 14 years of age or older and a citizen of the US

**375262CW JROTC 2-A (Fall)**  
**375272CW JROTC 2-B (Spring)**

This course requires students to demonstrate knowledge of the rights, responsibilities, privileges, and freedoms of good citizenship. Students will also learn logical thinking and effective communication in writing and speech. They will gain knowledge of basic military skills, military history, marksmanship, and navigation, and the importance of physical fitness, and an understanding of technological advancements in the areas of computers, lasers, simulators and robotics. Students completing two years of JROTC will earn a one-grade advancement upon entry into any of the military services (should they choose to enter) .

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 10, 11, 12 (11, 12 LEHS)  
 Prerequisite: Completion of JROTC 1

**375362CW JROTC 3-A (Fall)**  
**375372CW JROTC 3-B (Spring)**

This course allows students to participate in practical exercises in command, decision-making and leadership. Students will apply leadership assessment principles and display leadership potential by demonstrating the ability to communicate effectively as a leader and counselor, and learn the importance of physical fitness in maintaining good health and appearance. They will display knowledge of basic military skills and learn the educational and social importance of technological advancements in areas such as energy, the environment, medicine, and communications. Students will learn the dangers of alcohol and drugs and how leaders, as role models, can help prevent drug abuse. They will get a chance to teach this to other level classes. Students will also review many of the basics of the JROTC program. Successful completion of three years of JROTC earns students a two-grade advancement upon entry into any of the military services (if they choose to enter).

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 11, 12  
 Prerequisite: JROTC 2

**375462CW JROTC 4-A (Fall)**  
**375472CW JROTC 4-B (Spring)**

This course requires students to demonstrate knowledge of ethical reasoning and decision-making and demonstrate the ability to effectively apply leadership and communication skills in an assigned command or staff position within the cadet battalion. Students will exercise leadership skills as a role model, coach, counselor and assistant instructor. They will also be able to demonstrate the importance of physical fitness by maintaining good health and appearance. Studies include the importance of American military history as it relates to the development of the United States as well as learning how to market themselves for a job. Students will be asked to become involved in community's efforts to make citizens aware of an effort to fight the problem of drug abuse. Students will also review many of the basics of the JROTC program.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 12  
 Prerequisite: JROTC 3

**375473CW JROTC Leadership (Fall)**  
**375474CW JROTC Leadership (Spring)**

This course requires students to demonstrate the ability to apply leadership and communication skills effectively in an assigned command or staff position within the cadet battalion. Cadets will be assigned the duties and responsibilities of Battalion Commander, Executive Officer, S1 Officer of Administration, S2 Officer of Intelligence and Security, S3 Officer of Operations, S4 Officer of Uniforms, Equipment, and Maintenance, and S5 Officer of Recruiting, Retention and Public affairs. This class is instrumental in maintaining battalion administration, weapons security, training, clothing and equipment, recruiting, retention, and public affairs in a superior manner.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 10, 11, 12  
 Prerequisite: JROTC 1 and JROTC instructor approval

**375373CW JROTC Drill A (Fall)**  
**375374CW JROTC Drill B (Spring)**

This is an advanced drill course. Cadets will learn exactness in the manual of arms and formations in order to compete effectively in competition drill against other schools. Cadets will be taught precision in fancy and basic platoon and squad, color guard drill and basic individual drill. Cadets will also be taught subjects for their JROTC grade level.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 10, 11, 12  
 Prerequisite: JROTC and JROTC instructor approval

**375273CW JROTC Rifle (Fall)**  
**375274CW JROTC Rifle (Spring)**

This is an advanced marksmanship course, students will learn the basics of competition shooting and the fundamentals of marksmanship instruction. They will be required to teach all new cadets marksmanship to include the actual firing for record on the range. Students will learn these skills through constant practice and will be responsible for representing their school at all scheduled rifle meets. Cadets will be taught subjects for their JROTC grade level.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 10, 11, 12  
 Prerequisite: JROTC 1 and JROTC instructor approval

## World Language

Most colleges and universities require students to complete at least two units of the same world language. Some schools, such as Clemson University, require three units of the same world language. Students should see their guidance counselor for their specific situation. For the Academic Honors Medal, a student must complete at least two units in the same world language.

**361162CW French 1**

This course provides students with an introduction to the language and culture of the French-speaking world. The objective is to help students attain a basic degree of proficiency in the skills of listening, speaking, reading, and writing and to present the language within the context of the contemporary French speaking world its culture.

Offered: CHS, LEHS  
 Credit: 1 unit  
 Grade: 9, 10, 11, 12  
 Prerequisite: None

**361262CW French 2**

This course, a supplement to French 1, will increase the students listening, speaking, reading, and writing skills. The study of grammar is continued and expanded. The study of French civilization and culture is continued.

Offered: CHS, LEHS  
 Credit: 1 unit  
 Grade: 9, 10, 11, 12  
 Prerequisite: French 1

**361362CW French 3**

This course supplements previous work with continued practice in listening, speaking, reading, and writing skills. The study of grammar is continued and expanded. More emphasis is placed on conversational skills with particular attention to survival vocabulary. Students will write more compositions in the French language and explore more of the French-speaking civilizations and cultures.

Offered: CHS, LEHS  
 Credit: 1 unit  
 Grade: 10, 11, 12  
 Prerequisite: French 2

**361361HW Honors French 3**

This course features training in listening comprehension, speaking, reading and writing, using CDs, workbooks, DVDs, and weekly conversation groups in order to enhance proficiency in the target language. Study of French life and culture will be covered with an emphasis on contemporary France. This course is strongly recommended for students planning on going to a four year university/college.

Offered: CHS, LEHS  
 Credit: 1 unit  
 Grade: 10, 11, 12  
 Prerequisite: French 2

**361462CW French 4**

This course adds to the knowledge gained in French 3 with more intensive work in composition and study of literature and culture of the French-speaking world. Grammatical structures will be reviewed and reinforced. Emphasis will be placed on oral proficiency skills.

Offered: CHS, LEHS  
Credit: 1 unit  
Grade: 10, 11, 12  
Prerequisite: French 3

**361461HW Honors French 4**

This course is offered to students who have progressed beyond the level of intermediate French. Students will identify individual problem areas in their spoken French, which they will strengthen through the study of elements of French phonetics. Study of French life and culture will be covered with an emphasis on contemporary France. This course is strongly recommended for students planning to expand the language proficiencies and who plan to study abroad.

Offered: CHS, LEHS  
Credit: 1 unit  
Grade: 10, 11, 12  
Prerequisite: French 3

**365162CW Spanish 1**

This course provides an introduction to the language and culture of the Spanish speaking world. The objective is to help students attain a basic degree of proficiency in the skills of listening, speaking, reading, and writing and to present the language within the context of the contemporary Spanish speaking world and its culture.

Offered: CHS, LEHS, NCHS  
Credit: 1 unit  
Grade: 9, 10, 11, 12  
Prerequisite: None

**365262CW Spanish 2**

This course, a supplement to Spanish 1, will increase the student's vocabulary and listening, speaking, reading and writing skills. The study of grammar is continued and expanded. The study of Spanish civilization and culture is continued.

Offered: CHS, LEHS, NCHS  
Credit: 1 unit  
Grade: 9, 10, 11, 12  
Prerequisite: Spanish 1

**365362CW Spanish 3**

This course supplements previous work with continued practice in listening, speaking, reading, and writing skills. The study of grammar is continued and expanded. More emphasis is placed on conversational skills with particular attention to survival vocabulary. Students will write more compositions in the Spanish language and explore more of the Hispanic civilizations and cultures.

Offered: CHS, LEHS, NCHS  
Credit: 1 unit  
Grade: 10, 11, 12  
Prerequisite: Spanish 2

**365361HW Honors Spanish 3**

This course is designed for the highly motivated, world language student who enjoys the study of Spanish and is willing to put extra time and effort into their studies. The student should also be able to work independently and demonstrate above average grade-level proficiencies in speaking, listening, reading and writing. This course supplements previous work with continued practice in listening, speaking, reading, and writing skills. The study of grammar is continued and expanded. More emphasis is placed on conversational skills with particular attention to survival vocabulary. Students will write more compositions in the Spanish language and explore more of the Hispanic civilizations and cultures.

Offered: CHS, LEHS  
Credit: 1 unit  
Grade: 10, 11, 12  
Prerequisite: Spanish 2

**365462CW Spanish 4**

This course is designed to take the advanced Spanish student one step further into the Spanish-speaking world. Studies include the life, customs, food, history, and famous personalities. Students will also begin to study the literature of Spain and other Spanish-speaking countries. Grammatical structures will be reviewed and reinforced. Emphasis will be placed on oral proficiency skills.

Offered: CHS, LEHS, NCHS  
Credit: 1 unit  
Grade: 10, 11, 12  
Prerequisite: Spanish 3

**365461HW Honors Spanish 4**

This course is offered to students who have progressed beyond the level of intermediate Spanish. Students will identify individual problems in their spoken Spanish, which they will strengthen through the study of elements of Spanish phonetics. Study of Spanish life and culture will be covered with an emphasis on contemporary Spanish. This course is strongly recommended for students planning to expand the language proficiencies and who plan to study abroad.

Offered: CHS, LEHS  
 Credit: 1 unit  
 Grade: 10, 11, 12  
 Prerequisite: Spanish 3

## Business Education

**502062CW Integrated Business Applications 1**

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.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 9, 10, 11, 12  
 Prerequisite: Keyboarding 5100 or successful completion of state keyboarding proficiency exam

**500162CW Accounting 1**

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.

Offered: LEHS  
 Credit: 1 unit  
 Grade: 10, 11, 12  
 Prerequisite: Marketing

**540062CW Entrepreneurship**

This course is designed to provide students with the knowledge and skills leading to the development of a business plan for small business ownership. An important part of the course will be the incorporation of marketing, staffing, controlling, and financial considerations. The development of business and managerial leadership skills will be included.

Offered: LEHS  
 Credit: 1 unit  
 Grade: 10, 11, 12  
 Prerequisite: None

**542262CW Digital Media Marketing**

This course is an overview of techniques in digital marketing media, including non-linear editing introducing students to the primary feature set and basic interface of industry standard editing software. Students will plan and execute a storyboard for producing their final product, to include podcasts, DVD's, video blogs, and webcasts. Students learn to demonstrate basic digital video camera technique, digital sound, and lighting.

Offered: LEHS  
 Credit: 1 unit  
 Grade: 9, 10, 11, 12  
 Prerequisite: Integrated Business Applications 1

**542162CW Marketing**

This course is designed to introduce marketing concepts, examine the economic, marketing and business and human resource foundations of marketing; and give an overview of the marketing functions of selling, promotion, distribution, risk management, pricing, purchasing, marketing/service planning and financing.

Offered: LEHS  
 Credit: 1 unit  
 Grade: 10, 11, 12  
 Prerequisite: None

**543162CW Marketing Management**

This course continues the analysis of the marketing functions by examining human resource foundations, marketing and business fundamentals, distribution, promotion, and selling as applied in merchandising.

Offered: LEHS  
 Credit: 1 unit  
 Grade: 10, 11, 12  
 Prerequisite: None

**504462CW Business Law**

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 a knowledge of legal principles.

Offered: LEHS  
 Credit: 1 unit  
 Grade: 10, 11, 12  
 Prerequisite: None

**513162CH Personal Finance A+**

This course is designed to introduce the basic elements of finance: budgeting, obtaining credit, maintaining checking accounts, computing payroll using A+LS. A ½ elective credit is awarded upon successful completion of this course.

Offered: CHS, LEHS, NCHS  
 Credit: ½ unit  
 Grade: 9, 10, 11, 12  
 Prerequisite: None

**513162CW Personal Finance**

This course is designed to introduce the basic elements of finance: budgeting, obtaining credit, maintaining checking accounts, computing payroll, recording business transactions, and applying computer operations to financial management.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 9,10,11,12  
 Prerequisite: None

**517662CW Digital Desktop Publishing**

This course brings together graphics and text to create professional level publications. Students create, format, illustrate, design, edit/revise, and print publications. Improved productivity of digitally produced newsletters, flyers, brochures, reports, advertising materials, and other publications is emphasized. Proofreading, document composition, and communication competencies are also included.

Offered: LEHS  
 Credit: 1 unit  
 Grade: 10, 11, 12  
 Prerequisite: Integrated Business Applications 1

**503162CW Web Page Design and Development 1**

This course is designed to provide students with the knowledge and skills needed to design Web pages. Students will develop skills in designing, implementing, and maintaining a Web site using authoring tools. Successful completion of this course will prepare the student to take industry certification test(s).

*NOTE: Web pages created by students in this course are not to be published without following district guidelines.*

Offered: LEHS  
 Credit: 1 unit  
 Grade: 10, 11, 12  
 Prerequisite: Integrated Business Applications 1

**503062CW Digital Multimedia**

This course covers multimedia concepts and applications utilizing text, graphics, animation, sound, video, and various multimedia applications in the design, development, and creation of multimedia presentations and publications within an interactive environment. Students will create a digital portfolio and other independent projects.

Offered: LEHS  
 Credit: 1 unit  
 Grade: 10,11, 12  
 Prerequisite: Integrated Business Applications 1

**500762CW Google Applications**

This course is designed to introduce the student to the many applications that Google offers. Students will be prepared for learning and working in the 21<sup>st</sup> Century through communication and collaboration tools.

Offered: LEHS  
 Credit: 1 unit  
 Grade: 10,11,12  
 Prerequisite: Integrated Business Applications 1

## Fine Arts

### **350162CW Art 1**

This course integrates studio, art, history, criticism, and aesthetics. Students will be given an introduction to design elements and principles. A variety of media will be emphasized: pottery, drawing, beginning graphics, painting, sculpture, lettering, and crafts. Some schools teach this course as a chronological study of art that goes well with World History.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 9, 10, 11, 12  
 Prerequisite: None

### **350262CW Art 2**

This course is designed to follow and build on Art 1. Students will improve their skills in using a variety of media. They are encouraged to develop individuality and creativity.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 10, 11, 12  
 Prerequisite: Art 1

### **350362CW Art 3**

This course is designed for advanced art students to develop individual areas of interest. At LEHS contract agreements will be made which enable the student to become an independent artist. At CHS and NCHS a variety of art media will be emphasized: ceramics, pen and ink, drawing, watercolor, and acrylic paints.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 11, 12 (10, 11, 12 at NCHS)  
 Prerequisite: Art 2

### **459962CW Photography**

This course covers the history of photography as an art form and will develop skills and techniques in photography using digital media. Using computer technology and Adobe Photoshop, students will capture images with a still video camera and a digital camera to produce a variety of computer generated photographic images. Students should be highly motivated and capable of working independently after receiving basic instructions.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 11,12 (10, 11,12 at NCHS)  
 Prerequisite: Application

### **357371AW AP Art (Advanced Placement) – Fall** **357381AW AP Art (Advanced Placement) - Spring**

This courses enables highly motivated students to do college level work in studio art while still in high school. This course requires significantly more time and commitment than other art courses. Therefore, the program is intended for students who are seriously committed to studying art and interested in the practical experiences of art. **Summer work is required.** Students must submit portfolios for evaluation by the College Board at the end of the semester.

Offered: LEHS  
 Credit: 1 unit  
 Grade: 11, 12  
 Prerequisite: Art 2, and/or portfolio evaluation

### **452162CW Drama 1**

This course explores every area of theater including theater history, acting techniques, voice projection, theater terms and costume design. This course concludes with a performance showcase that allows every student the opportunity to apply the skills and knowledge obtained throughout the course.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 9, 10, 11, 12  
 Prerequisite: None

### **452262CW Drama 2**

This course focuses on the techniques, aspects and theories of acting through various activities including scene work, pantomimes, improvisation, script analysis, monologues and audition. The course concludes with a class production allowing every student the opportunity to perform on stage.

Offered: CHS, LEHS,NCHS  
 Credit: 1 unit  
 Grade: 11, 12  
 Prerequisite: Audition, and/or Drama 1

**452362CW Drama 3 (Technical Theatre)**

This course provides students with hands on practical back stage experience surrounding the complex workings of theatre productions. Basic learning of the essentials of theatre: sound, lighting, stage management, and scenery construction including the operation of the fly system. Students must be willing to work after school and some weekends depending on the production schedule. Every student will be required to work activities on stage during the semester. Much of this will be evening work.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 11, 12  
 Prerequisite: None

**459972CW Media Production**

The course allows the student to explore the various aspects of film production and performance. It will cover basic camera operations, public speaking, program design, and editing film with computer software. The class will be responsible for the daily production of a school news program design to inform and focus attention on campus life. This class is offered to juniors and seniors only.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 11, 12  
 Prerequisite: None

**353162HW Honors Band 1A (Fall) Students and Parents will be required to sign the KCS D Honors Credit Contract for Band Classes on page 81.**

This course is designed for the highly motivated instrumental student who enjoys the study of music performance. The student will be required to put extra time and effort into the study of music performance. The student will be required to work independently and demonstrate above average grade level proficiencies in musical performance as evidenced by participation in all Marching Band competitions. This course supplements previous instrumental study in the area of performance and music theory.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 9  
 Prerequisite: Audition and/or teacher recommendation

**353163HW Honors Band 1B (Fall) Students and Parents will be required to sign the KCS D Honors Credit Contract for Band Classes on page 81.**

This course is designed for the highly motivated instrumental student who enjoys the study of music performance. The student will be required to put extra time and effort into the study of music performance. The student will be required to work independently and demonstrate above average grade level proficiencies in musical performance as evidenced by auditioning for the Regional/All State Concert Band and participation in the solo and ensemble competition. This course supplements previous instrumental study in the area of performance and music theory.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 9  
 Prerequisite: Audition and/or teacher recommendation

**353262HW Honors Band 2A (Spring) Students and Parents will be required to sign the KCS D Honors Credit Contract for Band Classes on page 81.**

This course continues the more intensified instrumental music study for the high achieving, highly motivated students. The student will be required to put extra time and effort into the study of music performance. The student will be required to work independently and demonstrate above average grade level proficiencies in musical performance as evidenced by participation in all Marching Band competitions. This course supplements previous instrumental study in the area of performance and music theory.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 10  
 Prerequisite: Audition and/or teacher recommendation

**353263HW Honors Band 2B (Spring) Students and Parents will be required to sign the KCS D Honors Credit Contract for Band Classes on page 81.**

This course continues the more intensified instrumental music study for the high achieving, highly motivated students. The student will be required to put extra time and effort into the study of music performance. The student will be required to work independently and demonstrate above average grade level proficiencies in musical performance as evidenced by auditioning for the Regional/All State Concert Band and participation in solo and ensemble competition. This course supplements previous instrumental study in the area of performance and music theory.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 10  
 Prerequisite: Audition and/or teacher recommendation

**353362HW Honors Band 3A (Spring) Students and Parents will be required to sign the KCSD Honors Credit Contract for Band Classes on page 81.**

This course continues the more intensified instrumental music study for the high achieving, highly motivated students. The student will be required to put extra time and effort into the study of music performance. The student will be required to work independently and demonstrate above average grade level proficiencies in musical performance as evidenced by participation in all Marching Band competitions. This course supplements previous instrumental study in the area of performance and music theory.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 11  
 Prerequisite: Audition and/or teacher recommendation

**353363HW Honors Band 3B (Spring) Students and Parents will be required to sign the KCSD Honors Credit Contract for Band Classes on page 81.**

This course continues the more intensified instrumental music study for the high achieving, highly motivated students. The student will be required to put extra time and effort into the study of music performance. The student will be required to work independently and demonstrate above average grade level proficiencies in musical performance as evidenced by auditioning for the Regional/All State Concert Band and participation in solo and ensemble competition. This course will also incorporate a leadership component.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 11  
 Prerequisite: Audition and/or teacher recommendation

**353462HW Honors Band 4A (Fall) Students and Parents will be required to sign the KCSD Honors Credit Contract for Band Classes on page 81.**

This course continues the more intensified instrumental music study for the high achieving, highly motivated students. The student will be required to put extra time and effort into the study of music performance. The student will be required to work independently and demonstrate above average grade level proficiencies in musical performance as evidenced by participation in all Marching Band competitions. This course will also incorporate a leadership component and research related to the music performing venue used in the course.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 12  
 Prerequisite: Audition and/or teacher recommendation

**353463HW Honors Band 4B (Spring) Students and Parents will be required to sign the KCSD Honors Credit Contract for Band Classes on page 81.**

This course continues the more intensified instrumental music study for the high achieving, highly motivated students. The student will be required to put extra time and effort into the study of music performance. The student will be required to work independently and demonstrate above average grade level proficiencies in musical performance as evidenced by auditioning for the Regional/All State Concert Band and participation in solo and ensemble competition. This course will also incorporate a leadership component and research related to the music performing venue used in the course.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 12  
 Prerequisite: Audition and/or teacher recommendation

**453161CW Jazz Band 1  
453261CW Jazz Band 2**

This course is designed to advance student technique in the areas of rhythm, tone, ensemble performance, musical style, and musical knowledge. This will be done through various types of jazz, pop, or rock music. The class is open to all students that have experience playing the saxophone, trumpet, trombone, and rhythm instruments (piano, drums, or guitar.)

Offered: CHS  
 Credit: 1 unit  
 Grade: 9-12  
 Prerequisite: Audition and/or teacher recommendation

**353162CW Instrumental Music: Band 1-A (Fall)  
353172CW Instrumental Music: Band 1-B (Spring)**

This course covers the fundamentals of instrumental musicianship. Students will perform music through Grade Level 3. Although essentially a training group, this band may make several appearances during the year.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 9  
 Prerequisite: Successful completion of the eighth grade band program or audition. NCHS students must have completed two years of middle school band or BAND 1-A and 1-B with director approval.

**353262CW Instrumental Music: Band 2-A (Fall)**  
**353272CW Instrumental Music: Band 2-B (Spring)**

This course will offer students intermediate instrumental music instruction. This band will serve as a training group utilizing materials of Grade 2-4 level. Students will be part of a performing group and will participate in various musical activities.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 10  
 Prerequisite: Band 1 or audition

**353362CW Instrumental Music: Band 3-A (Fall)**  
**353372CW Instrumental Music: Band 3-B (Spring)**

This course covers advanced instrumental music instruction. In addition to preparing and performing higher levels of band literature (Levels 4-6), students will be required to purchase and study advanced technical materials. As part of this class, students will be in the school's major instrumental performing group and will participate in various music activities, many of which will occur after regular school hours. This group will also represent the school in state and community functions.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 11, 12  
 Prerequisite: Successful completion of intermediate band or audition

**353462CW Instrumental Music: Band 4-A (Fall)**  
**353472CW Instrumental Music: Band 4-B (Spring)**

The course is the fourth year of band and is also offered for students who wish to continue advanced instrumental music instruction. Band students are invited to participate in band classes each full year in high school earning as many as eight units of credit. However, only four units will apply toward high school graduation.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 11, 12  
 Prerequisite: Successful completion of intermediate band or audition.

**356162CW Music Appreciation**

This class allows students to study the history of music of the United States from colonization to the present. Field studies to performances are required during the semester at student expense.

Offered: CHS, LEHS, NCHS  
 Credit: 1 unit  
 Grade: 9, 10, 11, 12  
 Prerequisite: None

**354162CW Chorus 1**

This course consists of basic theory, listening skills, sight-singing, vocal technique and performance. At least one after-school concert will occur with the possibility of one or more public performances scheduled.

Offered: LEHS, NCHS  
 Credit: 1 unit  
 Grade: 9, 10, 11, 12  
 Prerequisite: None

**354262CW Chorus 2**

This course is a study of vocal and choreographed techniques and skills. It offers a more advanced study of musical styles and dance/movement techniques. Those enrolling in this class should be acquainted with basic music reading techniques and should be prepared to give some after-school hours for performances and rehearsal. This ensemble is designed to provide students with extensive opportunities for public performance at school, in the community, and statewide choral events. Students are expected to attend all rehearsals and performances, some of which are held after school hours.

Offered: LEHS, NCHS  
 Credit: 1 unit  
 Grade: 10, 11, 12  
 Prerequisite: Audition

**354362CW Chorus 3**

This course is a study of vocal and choreographed techniques and skills. It offers a more advanced study of musical styles and dance/movement techniques. Those enrolling in this class should be acquainted with basic music reading techniques and should be prepared to give some after-school hours for performances and rehearsal. This ensemble is designed to provide students with extensive opportunities for public performance at school, in the community, and statewide choral events. Students are expected to attend all rehearsals and performances, some of which are held after school hours.

Offered: LEHS, NCHS  
 Credit: 1 unit  
 Grade: 10, 11, 12  
 Prerequisite: Audition

**354462CW Chorus 4**

This course is a study of vocal and choreographed techniques and skills. It offers a more advanced study of musical styles and dance/movement techniques. Those enrolling in this class should be acquainted with basic music reading techniques and should be prepared to give some after-school hours for performances and rehearsal. This ensemble is designed to provide students with extensive opportunities for public performance at school, in the community, and statewide choral events. Students are expected to attend all rehearsals and performances, some of which are held after school hours.

Offered: LEHS, NCHS  
Credit: 1 unit  
Grade: 10, 11, 12  
Prerequisite: Audition

**450162CW Dance 1**

This course is a foundation course for the dance curriculum. Previous dance experience is not required. It allows students to improve their performance skills in order to participate in the high school dance activities. Required performances and after-school rehearsals for performances are an integral part of the course work. Scope includes 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. This course also focuses on different styles and technique along with history and background. This course is a prerequisite for other dance courses.

Offered: LEHS  
Credit: 1 unit  
Grade: 9,10,11,12  
Prerequisite: None

**450262CW Dance 2**

This course covers intermediate techniques, vocabulary, history, and pioneers from various genres, including; ballet, modern, and jazz. In addition to studying concert dance forms, students will explore social, folk, and world dances from various cultures and historical periods. Students will explore dance elements, choreographic tools, and the production process as they create their own dance compositions, and critique those created by their classmates and professionals. Participation in both during-school and after-school performances is required of students enrolled in this course. Students will be expected to perform dances choreographed by their instructor and classmates, and to choreograph a dance of their own.

Offered: LEHS  
Credit: 1 unit  
Grade: 10,11,12  
Prerequisite: Dance 1

**450362CW Dance 3**

This course covers various dance techniques at the advanced level. Students will study vocabulary, history, famous works, and pioneers from various dance genres, including; ballet, modern, jazz, and dance from around the world. Students will explore the choreographic process as they choreograph solo and small group dances for both during school and after school performances. Students will explore the production process as they use technology to enhance dances they create for the theatre. Participation in both during school and afterschool performances is required of students enrolled in this class.

Offered: LEHS  
Credit: 1 unit  
Grade: 10,11,12  
Prerequisite: Dance 2

**450462CW Dance 4**

This course requires students to participate in the instructional process as they continue to explore various dance techniques at the advanced level. Students will be expected to create and teach short dance combinations and full-length technique classes to their classmates. Students will explore the choreographic and production process as they choreograph and produce a main-stage production to be performed before a live audience. Participation in both during school and afterschool performances is required of students enrolled in the class.

Offered: LEHS  
Credit: 1 unit  
Grade: 11,12  
Prerequisite: Dance 3

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## Agriculture

**564262CW Forestry**

This course covers soil classification and land treatment; tree identification, wood use; tree and forest terminology; forest economics; agriculture; forest measurement; damaging forces within the forest; fire management; and forest services.

Offered: NCHS  
Credit: 1 unit  
Grade: 9, 10, 11, 12  
Prerequisite: None

**565062CW Ornamental Horticulture**

This course gives students hands-on experience with propagation, growing, establishing, and maintaining greenhouse plants; landscape design and management; tissue culture techniques; turf grass management; and horticulture use and maintenance.

Offered: NCHS  
Credit: 1 unit  
Grade: 11, 12  
Prerequisite: None

**565462CW Turf and Lawn Management**

This course is designed to train student for employment in the turf grass industry. It includes organized subject matter and practical experiences concerned with the principles and practices involved in establishing, managing, and maintaining grassed areas for ornamental and/or recreational purposes.

Offered: NCHS  
Credit: 1 unit  
Grade: 11, 12  
Prerequisite: None

**565563CW Sports Turf Management**

This course is designed to teach technical knowledge and skills for entry-level positions in the sports turf management career field. The principles and practices involved in establishing, managing, and maintaining grassed areas for recreational purposes are studied.

Offered: NCHS  
Credit: 1 unit  
Grade: 11, 12  
Prerequisite: Turf and Lawn Management

**566062CW Agricultural Mechanics and Technology**

This course is designed to prepare student in the basic skills needed for job entry in agricultural technology and agricultural occupations. Emphasis is placed on planning and economically using facilities, land, water, machinery, chemicals, finance, and labor in the production of plant and animal products.

Offered: NCHS  
Credit: 1 unit  
Grade: 9, 10, 11, 12  
Prerequisite: None

**562462CW Agricultural Science and Technology**

This course is designed to teach concepts and understanding related to plant and animal life including biotechnology, conservation of natural resources and the impact of agriculture and natural resources on the environment. Emphasis is placed on the role of agriculture in society and the importance of agriculture to the welfare of the world.

Offered: NCHS  
Credit: 1 unit  
Grade: 9, 10, 11, 12  
Prerequisite: None

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## Family & Consumer Science

**547662CW Hospitality Management & Operations 1A**

This course is designed to explore the nature, concepts, and impact of the hospitality industry. It focuses on fundamental information about the industry and includes: career exploration, communication, human relations, interpersonal skills, safety and sanitation, the history of the hospitality industry, and hospitality segments.

Offered: LEHS,NCHS  
Credit: 1 unit  
Grade: 9,10, 11  
Prerequisite: None

**547663CW Hospitality Management & Operations 1B**

This course is designed to provide foundation information and experiences with an emphasis on the four hospitality market segments: food and beverage, lodging, travel and tourism, and recreation. Units of instruction include career exploration, safety and sanitation, domestic and international travel, and hospitality partners. Students will have opportunities to participate in shadowing, mentoring, and other lab-based experiences that expose them to the hospitality industry.

Offered: LEHS,NCHS  
Credit: 1 unit  
Grade: 9,10,11  
Prerequisite: Hospitality Management & Operations 1A

**547762CW Hospitality Management & Operations 2A**

This course is designed for students who have decided to pursue a career in hospitality industry. After successful completion of this course students will possess the knowledge and skills to advance in a career or in an institution of higher learning. This course includes career exploration, safety, management, marketing and sales, and food and beverage. Intensive laboratory and field experiences are integral parts of this course.

Offered: LEHS,NCHS  
Credit: 1 unit  
Grade: 10,11,12  
Prerequisite: Hospitality Management & Operations 1B

**547763CW Hospitality Management & Operations 2B**

This course is designed for students who desire more detailed experiences and learning opportunities. Integration of academics including math and English are incorporated into the hospitality industry standards. Advanced skills relating to customer service, marketing, food service production, organizational management, and examination of business trends are stressed. Work study programs will be offered for students entering the field. Students will create a portfolio of hospitality artifacts demonstrating their achievements in the program.

Offered: LEHS,NCHS  
Credit: 1 unit  
Grade: 10,11,12  
Prerequisite: Hospitality Management & Operations 2A

## Special Education

A specialized program of instruction utilizing the self-contained class, resource, or itinerant teacher model is available to disabled students. A state high school diploma, or a certificate designed and issued by the school district, shall be awarded to students who complete a program of prescribed special education. If a determination has been made that a student with disabilities shall pursue credits toward a state high school diploma, the following two alternatives are available:

**Alternative 1**- Credits toward a state high school diploma may be awarded only by persons certified or who hold permits in the area in which credit is earned. A student with disabilities receiving such credits shall do so only after successfully attaining similar course objectives prescribed for disabled pupils and in accordance with cooperative instructional arrangements between general education and special education as set forth in the student's Individualized Education Plan (IEP).

**Alternative 2**- Students with disabilities may receive a state high school diploma provided they earn a total of at least 24 units. Electives in Special Education must be earned under the following conditions:

- a) The credit may be issued only by a person certified/permitted in the special education.
- b) Instruction leading to the credit herein described must occur in one of the approved special education classes.
- c) When an elective credit is to be issued, the competencies and criteria for successful completion must be previously established in the IEP.

### **390R61CW            Resource - HSC**

Students will get assistance with basic skills as well as support in fulfilling requirements of the curriculum needed for graduation. Instruction in this course is individualized according to student needs. The student will receive supplementary services, which may include content area instruction, basic skills instruction, tutorial assistance or strategies. Instruction in this course is defined by the Individualized Education Plan (IEP).

Offered:            CHS, LEHS, NCHS  
 Credit:             1 unit  
 Grade:             9, 10, 11, 12  
 Prerequisite:      Evaluation, staffing, and placement according to required procedures.

### **2012-2013 Dual Enrollment Proposed Offerings** **At the Kershaw Campus of** **Central Carolina Technical College (CCTC)**

For courses offered through CCTC and Distance Education, students should see their guidance counselor.

**KERSHAW COUNTY SCHOOL DISTRICT  
Honors Credit Contract for Band Classes**

Students will have the option of taking Band Classes for Honors Credit. These classes will carry an Honors Weight on the South Carolina Uniform Grading Scale. Students taking Honors Credit will be required to complete assignments and participate in activities that exceed regular class requirements. The additional responsibilities are intended to support classroom instruction leading to proficiency of the National Standards.

**National Standards for Music Education**

1. Singing, alone and with others, a varied repertoire of music.
2. Performing on instruments, alone and with others, a varied repertoire of music.
3. Improvising melodies, variations, and accompaniments.
4. Composing and arranging music within specified guidelines.
5. Reading and notating music.
6. Listening to, analyzing, and describing music.
7. Evaluating music and music performances.
8. Understanding relationships between music, the other arts, and disciplines outside the arts.
9. Understanding music in relation to history and culture.

**Band Courses:** Camden High School, North Central High School, and Lugoff-Elgin High School

Grade Level	Fall Semester / Semester A	Spring Semester / Semester B
9 <sup>th</sup> Grade	Band 1-A or Band 1-A Honors	Band 1-B or Band 1-B Honors
10 <sup>th</sup> Grade	Band 2-A or Band 2-A Honors	Band 2-B or Band 2-B Honors
11 <sup>th</sup> Grade	Band 3-A or Band 3-A Honors	Band 3-B or Band 3-B Honors
12 <sup>th</sup> Grade	Band 4-A or Band 4-A Honors	Band 4-B or Band 4-B Honors

**Level 1 Honors:** 1st Attempt Honors Student / **Level 2 Honors:** Completed Honors Class(es) (1 prior School Year)

**Level 3 Honors:** Completed Honors Classes (2 prior School Years) / **Level 4 Honors:** Completed Honors Classes (3 prior School Years)

**SEMESTER A (FALL)**

**REQUIRED ACTIVITIES FOR HONORS CREDIT**

- Band 1-A, 2-A, 3-A, or 4-A
- Marching Band

**PERFORMANCE COMPONENT:** NS1, NS2, NS3

- Small Ensemble/Chamber Music
- Private Lessons/Master Classes
- Smart Music Intelligent Accompaniment System
- Community Performances (Director approved solo or chamber music performances beyond class requirements)

**\*\* PERFORMANCE COMPONENT** requirements vary according to Honors Level / Honors Level 1 complete any 1, Honors Level 2 complete any 2, Honors Level 3 complete any 3, Honors Level 4 complete All

**HISTORY COMPONENT:** NS8, NS9

- Completion of Research Project as assigned by the Teacher-Band Director

**LEADERSHIP COMPONENT:** Band 3-A or 4-A Only

- Summer Leadership Workshops, and/or District (School) Leadership Workshops
- Serve in a Marching Band Leadership or Committee Position as assigned by the Teacher-Band Director

**SEMESTER B (SPRING)**

**REQUIRED ACTIVITIES FOR HONORS CREDIT**

- Band 1-B, 2-B, 3-B, or 4-B
- SCBDA Region Band Audition
- SCBDA Solo & Ensemble Festival

**PERFORMANCE COMPONENT:** NS1, NS2, NS3

- Small Ensemble/Chamber Music
- Private Lessons/Master Classes
- Smart Music Intelligent Accompaniment System
- Community Performances (Director approved solo or chamber music performances beyond class requirements)
- Public Recital

**\*\* PERFORMANCE COMPONENT** requirements vary according to Honors Level / Honors Level 1 complete any 1, Honors Level 2 complete any 2, Honors Level 3 complete any 3, Honors Level 4 complete All

**THEORY COMPONENT:** NS4, NS5, NS6, NS7, NS8

- Honors Level 1 - Master Theory Books 1-2
- Honors Level 2 – Master Theory Books 1-4
- Honors Level 3 – Master Theory 1-6
- Honors Level 4 – Tutor Honors Levels 1-3/Director Supervised
- Honors Level 4 – Concert Band Composition

**HISTORY COMPONENT:** NS8, NS9

- Completion of Research Project as assigned by the Teacher-Band Director

I wish to enroll in an Honors Band Course. I understand and will adhere to the Honors Credit Guidelines as stated above. I also understand that the demands for Honors Credit include higher performance expectations and greater student responsibility. Failure to complete any of the requirements for this course will impact the student's grade.

Student's Signature \_\_\_\_\_ Date \_\_\_\_\_

Parent's Signature \_\_\_\_\_ Date \_\_\_\_\_

Approved 12/14/09

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