Academy for Technology and Academics

CURRICULUM GUIDE
2022 - 2023

"Building Your Future"

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Building Your Future

The Academy for Technology and Academics's (ATA) curriculum guide has been prepared to assist students and their parents in course selection for long-range academic and career planning. This guide includes information on graduation requirements, instructional courses, and programs offered at ATA.

It is important that students and parents take note of course descriptions and prerequisites when considering a course or a program of study. In addition, students should select courses that contribute to their educational, personal, and career goals.

Students enrolled at ATA are highly encouraged to enroll in a rigorous course of study and to enroll in higher level courses when possible. Although guidance counselors are available for academic advising, students and parents are responsible for ensuring that the student's academic plan meets the requirements for both the South Carolina high school diploma and the post-secondary school of choice.

ATA makes every effort to ensure that the information in this document is informative and accurate. However, new regulations may impact, negate, or change the implementation of the programs and/or courses described. This Program of Studies should not be viewed as a contract but as a guideline for students and parents.

Our Mission

The mission of ATA is to ensure all students who complete a program of study are college and career ready upon graduation. "Job Ready, Day One!"

Non-Discrimination Policy

The Academy for Technology and Academics, Conway, SC does not discriminate on the basis of sex, race, color, national origin, or handicap in the educational programs or activities which it operates, or in employment opportunities. Green Sea Floyds High School complies with the provisions of Title VI and Title VII of the Civil Rights Act of 1964, as amended: Title IX of the Education Amendments of 1972 & Section 504 of the Rehabilitation Act of 1973. If there are any questions, please call 843-488-6600.

Programs of Study

ATA strives to offer a well-rounded educational experience that provides both mental and physical opportunities for student growth and achievement. The ATA experience is organized around specific career majors to ensure that students are successfully prepared to enter their career of choice or their next level of education.

Each Career Pathway at ATA requires students to work closely with faculty experts as well as community mentors in job shadowing, internships, and/or a culminating academic presentation which demonstrates the depth of learning that each student has obtained throughout his/her time at ATA.

ATA offers the following Career Pathways:

- Automotive Technology
- Barbering
- Building Construction
- Certified Nursing Assistant
- Certified Patient Care Technician
- Cosmetology
- Esthetics
- Digital Arts & Design
- Pre-Medicine
- Pre-Engineering

** Most of the majors prepare the students for national or state certifications which are recognized by business and industry. All of the certification areas require students to demonstrate mastery standards. Some certification areas require a specific number of hours to be completed in the area of study. Upon completion, students are eligible to take the certification tests. Most tests require a fee and it is the student's responsibility to pay this fee. Enrollment in these courses does not assure students will receive these certifications. Areas of certification are subject to change without notification.*

Enrollment Process

The Academy for Technology and Academics (ATA) is a program school that serves students from the nine high schools in Horry County. Students may participate in extracurricular activities at their base school if the same activity is not offered at ATA. In order to apply to ATA, students must first enroll in their base school. Students who apply to ATA must follow the district-established timeline when submitting their applications. Online applications will be available on the ATA website and the Horry County Schools website in early January.

Rising juniors from any of the nine Horry County base high schools may apply for entrance into any of our career pathways for their junior and senior years. Students must meet all academic requirements, have earned enough credits to be classified as eleventh grade students, and be

prepared to make a two-year commitment to ATA in their chosen pathways. Students will be notified of their acceptance and asked, along with their parents, to sign a commitment form to participate in the major during the upcoming school year. All commitment forms must be returned by the stated deadline. Students enrolled in any of the ten career pathways will complete work-based learning through an internship with their major teacher.

Graduation Requirements

The Academy for Technology (ATA) does not graduate students. All students who attend ATA will receive their South Carolina High School Diploma from their base high school. To be eligible to receive a South Carolina High School Diploma, students must earn 24 units. Based on state law, those requirements are:

English	4 units
Math	4 units
Science	3 units
US History	1 unit
Physical Education/ROTC	1 unit
Government/Economics	1 unit
Social Studies	1 unit
Electives	7 units
Computer Technology	1 unit
Foreign Language/Business Technology	1 unit

Class Rank and Honor Graduates

High schools uniformly determine the class rankings of students based on the Grade Point Ratios (GPRs) of students in grade twelve. GPRs are calculated after the seniors' grades are finalized at the end of the school year. GPRs will be used to determine honor graduates at the graduation ceremony for the individual base high school. ATA is not a diploma issuing institution. All students graduate from the individual base high schools.

HCSD uses the Latin Honor system as follows:
Summa Cum Laude - GPR of 4.750 or higher on the SC Uniform Grading Scale.
Magna Cum Laude - GPR of 4.250 or higher, but less than 4.750 on the SC Uniform Grading Scale.
Cum Laude - GPR of 3.750 or higher, but less than 4.250 on the SC Uniform Grading Scale.

The GPR will also be used to determine the Valedictorian (senior with the highest weighted GPR) and the Salutatorian (senior with the second highest weighted GPR) at each base school. Preliminary Class Ranking of seniors for college admissions and/or scholarships will occur on the 135th day of school.

To determine Junior Marshals for base school graduation ceremonies, eleventh graders will be preliminarily ranked on the 135th day of school.

Grading Policy

The uniform grading policy applies in all SC high schools. The complete text of the grading policy can be obtained by accessing the State Department of Education's website at www.state.sc.us/sde.

The Academy for Technology and Academics uses a computer system, PowerSchool, for grade reporting and issuing of interim reports every four and one-half (4 ½) weeks and report cards at the end of each nine (9) week period. Number grades are reported on report cards and permanent records. This grading system is mandated by the state, and each individual grade point is assigned a point value. Parents and students should contact the guidance department if further clarification is needed.

All grades on report cards and transcripts in SC public high schools will be numerical. A student's GPA and rank in class will be figured from a grade-point conversion table available on the website listed above and printed on transcripts.

Students and parents should choose courses carefully. The guidelines that outline consequences for students who withdraw from a course are: Students who withdraw from a course after 3 days in a 45-day course or 5 days in a 90-day course, or 10 days in a 180-day course shall be assigned a Withdraw Failure (WF), earning a grade of 50 and 0 quality points. The F will be calculated in the student's overall grade point ratio.

Promotion Requirements:

Grade 10 to 11: The student must successfully complete eleven (11) Carnegie units. Two units must be English and two units must be math.
Grade 11 to 12: The student must successfully complete sixteen (16) Carnegie units. Three units must be English and three must be math.

Grading Scale

The South Carolina Uniform Grading Scale is used at the Academy for Technology and Academics. The grading scale is as follows:

10 Point Grading Scale

South Carolina Uniform Grading Scale Conversions				
Numerical Average	**Letter Grade**	**College Prep Weighting**	**Honors Weighting**	**AP/IB/Dual Credit Weighting**
100	A	5.000	5.500	6.000
99	A	4.900	5.400	5.900
98	A	4.800	5.300	5.800
97	A	4.700	5.200	5.700
96	A	4.600	5.100	5.600
95	A	4.500	5.000	5.500
94	A	4.400	4.900	5.400
93	A	4.300	4.800	5.300
92	A	4.200	4.700	5.200
91	A	4.100	4.600	5.100
90	A	4.000	4.500	5.000
89	B	3.900	4.400	4.900
88	B	3.800	4.300	4.800
87	B	3.700	4.200	4.700
86	B	3.600	4.100	4.600
85	B	3.500	4.000	4.500
84	B	3.400	3.900	4.400
83	B	3.300	3.800	4.300
82	B	3.200	3.700	4.200
81	B	3.100	3.600	4.100
80	B	3.000	3.500	4.000
79	C	2.900	3.400	3.900
78	C	2.800	3.300	3.800
77	C	2.700	3.200	3.700
76	C	2.600	3.100	3.600
75	C	2.500	3.000	3.500
74	C	2.400	2.900	3.400
73	C	2.300	2.800	3.300
72	C	2.200	2.700	3.200
71	C	2.100	2.600	3.100
70	C	2.000	2.500	3.000
69	D	1.900	2.400	2.900
68	D	1.800	2.300	2.800
67	D	1.700	2.200	2.700
66	D	1.600	2.100	2.600
65	D	1.500	2.000	2.500
64	D	1.400	1.900	2.400
63	D	1.300	1.800	2.300
62	D	1.200	1.700	2.200
61	D	1.100	1.600	2.100
60	D	1.000	1.500	2.000
59	F	0.900	1.400	1.900
58	F	0.800	1.300	1.800
57	F	0.700	1.200	1.700
56	F	0.600	1.100	1.600
55	F	0.500	1.000	1.500
54	F	0.400	0.900	1.400
53	F	0.300	0.800	1.300
52	F	0.200	0.700	1.200
51	F	0.100	0.600	1.100

Dual Enrollment Courses

Dual enrollment/PACE courses are university-parallel courses as listed in Horry Georgetown Technical College (HGTC) Statewide Articulation Agreement that are transferable to South Carolina senior institutions and satisfy the requirements for a South Carolina high school diploma. Students can take these classes during the regular school day. Students may only enroll in Dual Enrollment classes during the junior and/or senior year at ATA; however, those students interested in taking Dual Enrollment Courses should meet with their guidance counselor to determine eligibility in individual cases. To be eligible for dual enrollment courses, students must have an eligible SAT or ACT score, or transcript review.

Dual-Enrollment Course Costs:

- Students will be responsible for the tuition and cost of textbooks for college-transfer core courses (English, math, science, history) unless one of the following applies:
- A face-to-face core course for equivalent credit is not offered at the base high school.
- The student has taken all equivalent core courses in a core subject offered at the base school. (For example, English III and IV AP before taking English 101 and 102)
- Students will be responsible for the tuition and cost of textbooks for career and technology courses unless courses are required for specific approved career and technology majors as outlined in the articulation agreements between HCS and HGTC.

For more information on Dual Enrollment courses, please contact the Guidance Department.

Academy for Technology and Academics
Majors & Career Pathways

Automotive Technology

A major within the Transportation, Distribution & Logistics national career cluster courses identified by the U.S. Department of Education

The Automotive Technology major will concentrate on four areas of ASE Certification—-Electrical, Steering Suspension Systems, Engine Performance, and Brake Systems. Students learn basic engine fundamentals as they work through the ASE Modules. Students are eligible to take ASE certification in these four areas upon completion of a two-year program. Students may leave ATA with preparation for certifications in four areas of ASE. Students may continue to pursue the additional four ASE certifications through a joint program with ATA and other post-secondary institutions.

Automotive Technology 1, 2, 3
Grade: 11
Certification Prep: ASE
Credit: 1 credit each
These courses concentrate on two areas of ASE Certification—Electrical and Steering Suspension Systems. Students learn basic engine fundamentals as they work through the ASE Modules. Students need basic computer skills to utilize the diagnostic equipment and vehicle reference service manuals. Students are eligible to take ASE certification in these two areas upon completion of a two-year program. Students may also complete a summer internship in order to complete the necessary lab real-time requirement for these certifications.

Automotive Technology 4
Grade: 12
Certification Prep: ASE/Natef
Credit: 1 credit
Prerequisite: Automotive Technology 3
This course is a continuation of Auto Tech 1 with concentration on two new areas of ASE Certification—Engine Performance and Brake Systems. Students continue working with the ASE Modules. Senior students in this program are able to complete Transportation, Distributing & Logistics Internships at worksites in many of the dealerships within the county. Students are eligible to take ASE certification in these two areas upon completion of a two-year program. Students may complete certification in four areas of ASE. Students may continue to pursue the additional ASE certifications while in this program or upon graduation at post-secondary schools.

Transportation/Distribution/Logistics (Work-Based Learning/Internship)
Grade: 12
Credit: 2 credits
Prerequisite: Automotive Technology 4
Students who have successfully completed all of the Automotive Technology requirements and academic requirements for graduation may be eligible to participate in senior internships. Students are placed with area business and industry for on-the-job training which reinforces and correlates with the standards within the particular business major the student has pursued while at the school.

Building Construction

A major within the Architecture and Construction national career cluster courses identified by the U.S. Department of Education

The Building Construction major is designed to prepare students to perform entry-level building construction tasks under the supervision of a supervisor or an experienced craftsperson. Included in the course of study are instructions related to cabinetmaking, carpentry, masonry, plumbing, residential electricity, architectural design, and safety practices. This program of study is designed to prepare students for a wide variety of occupational opportunities. ATA, Horry Georgetown Home Builders Association, and Habitat for Humanity have a partnership to allow students in this program to build a house from the ground up.

Building Construction 1
Grade: 11
Certification Prep: NCCER
Credit: 2 credits
The Building Construction Cluster program is designed to prepare students to perform entry level building construction tasks under the supervision of a supervisor or an experienced craftsperson. Included in the course of study are instructions related to cabinetmaking, carpentry, masonry, plumbing, residential electricity, architectural design, and safety practices. This program of study is designed to prepare students for a wide variety of occupational opportunities.

Building Construction 2
Grade: 11
Certification Prep: NCCER
Credit: 1 credit
Prerequisite: Building Construction 1
This course continues to prepare students to perform entry level building construction tasks under the supervision of a supervisor or an experienced craftsperson. Included in the course of study are instructions related to cabinetmaking, carpentry, masonry, plumbing, residential electricity, architectural design, and safety practices. This program of study is designed to prepare students for a wide variety of occupational opportunities.

Building Construction 3
Grade: 12
Credit: 1 credit
Prerequisite: Building Construction 2
This course continues to prepare students to perform entry level building construction tasks under the supervision of a supervisor or an experienced craftsperson. Included in the course of study are instructions related to cabinetmaking, carpentry, masonry, plumbing, residential electricity, architectural design, and safety practices. This program of study is designed to prepare students for a wide variety of occupational opportunities.

Architecture and Construction (Work-Based Learning/Internship)
Grade: 12
Credit: 2 credits
Prerequisite: Building Construction 3
Students who have successfully completed all of the Building Construction requirements and academic requirements for graduation may be eligible to participate in senior internships. Students are placed with area business and industry for on-the-job training which reinforces and correlates with the standards.

Cosmetology

A South Carolina Board of Cosmetology and State Department of Education approved major

This major is approved and strictly governed by the SC Board of Cosmetology (SCLLR). Students who are accepted into this program will be eligible to take the written and practical exams for cosmetology after they complete their two-year program. A fee will be charged for student kits if a student does not complete the program or fails a portion of the state board assessment.

To become a licensed cosmetologist, a student must:
- Take and pass the written and practical exam
- Be at least 16 years old
- Have at least a 10th grade education or equivalency
- Complete 1,000 hours in a cosmetology high school as approved by SCLLR and 540 hours in core/academic classes
- Submit an application to SCLLR

Cosmetology 1
Grade: 11
Certification Prep: State Board of Cosmetology—SC Licensure Board
Credit: 2 credits
This course is designed to prepare students to qualify and successfully complete all requirements for a South Carolina Cosmetology license. Students receive training that follows the guidelines and regulations established by the South Carolina Labor, Licensing, and Regulation Cosmetology Board. The course of study includes Sanitation and Safety, Professionalism and Salon Management, Sciences of Cosmetology, Professional Hair Care Skills, Professional Nail Care Skills, Professional Skin Care Skills, and Unassigned Specific Needs. Instruction in chemistry, bacteriology, anatomy, and physiology of the face, head, arms, and hands is incorporated by means of theory and practical application on both mannequins and live models.

Cosmetology 2
Grade: 11
Certification Prep: State Board of Cosmetology—SC Licensure Board
Credit: 2 credits
Prerequisite: Pass Cosmetology 1 with a minimum of a 75 average and a minimum of 250 clock hours
This course continues to prepare students to qualify and successfully complete all requirements for a South Carolina Cosmetology license. Students receive training that follows the guidelines and regulations established by the South Carolina Labor, Licensing, and Regulation Cosmetology Board. The course of study includes Sanitation and Safety, Professionalism and Salon Management, Sciences of Cosmetology, Professional Hair Care Skills, Professional Nail Care Skills, Professional Skin Care Skills, and Unassigned Specific Needs. Instruction in chemistry, bacteriology, anatomy, and physiology of the face, head, arms, and hands is incorporated by means of theory and practical application on both mannequins and live models.

Cosmetology 3
Grade: 12
Certification Prep: State Board of Cosmetology—SC Licensure Board
Credit: 2 credits
Prerequisite: Pass Cosmetology 2 with a minimum of a 75 average and a minimum of 500 clock hours
This course continues to prepare students to qualify and successfully complete all requirements for a South Carolina Cosmetology license. Students receive training that follows the guidelines and regulations established by the South Carolina Labor, Licensing, and Regulation Cosmetology Board. The course of study includes Sanitation and Safety, Professionalism and Salon Management, Sciences of Cosmetology, Professional Hair Care Skills, Professional Nail Care Skills, Professional Skin Care Skills, and Unassigned Specific Needs. Instruction in chemistry, bacteriology, anatomy, and physiology of the face, head, arms, and hands is incorporated by means of theory and practical application on both mannequins and live models.

Cosmetology 4
Grade: 12
Certification Prep: State Board of Cosmetology—SC Licensure Board
Credit: 2 credits
Prerequisite: Pass Cosmetology 3 with a minimum of a 75 average and a minimum of 750 clock hours
This course continues to prepare students to qualify and successfully complete all requirements for a South Carolina Cosmetology license. Students receive training that follows the guidelines and regulations established by the South Carolina Labor, Licensing, and Regulation Cosmetology Board. The course of study includes Sanitation and Safety, Professionalism and Salon Management, Sciences of Cosmetology, Professional Hair Care Skills, Professional Nail Care Skills, Professional Skin Care Skills, and Unassigned Specific Needs. Instruction in chemistry, bacteriology, anatomy, and physiology of the face, head, arms, and hands is incorporated by means of theory and practical application on both mannequins and live models.

Esthetics (Make Up Artistry and Skin Care)

A South Carolina Board of Cosmetology and State Department of Education approved major

This major prepares students for the Esthetics Licensure Examination. Students are trained in theory and practical experience for immediate employment in the Esthetics field. Salon ethics, professionalism, communication skills and customer relations are topics covered in this course.

Esthetics 1
Grade: 11
Certification Prep: State Board of Cosmetology (Esthetics)—SC Licensure Board
Credit: 2 credits
Esthetics prepares individuals to cleanse, depilate, massage, and beautify the human body and to function as licensed estheticians and skin care specialists. Instruction includes skin anatomy, physiology, and health; principles of nutrition; decontamination and infection control; health and safety; facial and body massage; body wrapping and spa treatments; temporary hair removal including waxing and tweezing; color and skin analysis; client consultation and care; applicable laws and regulations; business practices; and, sometimes, related alternative healing regimens. Students receive additional hours required by the South Carolina Department of Education to prepare them to make a seamless transition to the medical aspects of Aesthetics.

Esthetics 2
Grade: 11
Certification Prep: State Board of Cosmetology (Esthetics)—SC Licensure Board
Credit: 1 credit
Prerequisite: Pass Esthetics 1 with a minimum of a 75 average and a minimum of 120 clock hours
This course continues to prepare students to cleanse, depilate, massage, and beautify the human body and to function as licensed estheticians and skin care specialists. Instruction includes skin anatomy, physiology, and health; principles of nutrition; decontamination and infection control; health and safety; facial and body massage; body wrapping and spa treatments; temporary hair removal including waxing and tweezing; color and skin analysis; client consultation and care; applicable laws and regulations; business practices; and, sometimes, related alternative healing regimens. Students receive additional hours required by the South Carolina Department of Education to prepare them to make a seamless transition to the medical aspects of Aesthetics.

Esthetics 3
Grade: 12
Certification Prep: State Board of Cosmetology (Esthetics)—SC Licensure Board
Credit: 1 credit
Prerequisite: Pass Esthetics 2 with a minimum of a 75 average and a minimum of 240 clock hours
This course continues to prepare students to cleanse, depilate, massage, and beautify the human body and to function as licensed estheticians and skin care specialists. Instruction includes skin anatomy, physiology, and health; principles of nutrition; decontamination and infection control; health and safety; facial and body massage; body wrapping and spa treatments; temporary hair removal including waxing and tweezing; color and skin analysis; client consultation and care; applicable laws and regulations; business practices; and, sometimes, related alternative healing regimens. Students receive additional hours required by the South Carolina Department of Education to prepare them to make a seamless transition to the medical aspects of Aesthetics

Esthetics 4
Grade:12
Certification Prep: State Board of Cosmetology (Esthetics)—SC Licensure Board
Credit: 2 credits
Prerequisite: Pass Esthetics 3 with a minimum of a 75 average and a minimum of 360 clock hours
This course continues to prepare students to cleanse, depilate, massage, and beautify the human body and to function as licensed estheticians and skin care specialists. Instruction includes skin anatomy, physiology, and health; principles of nutrition; decontamination and infection control; health and safety; facial and body massage; body wrapping and spa treatments; temporary hair removal including waxing and tweezing; color and skin analysis; client consultation and care; applicable laws and regulations; business practices; and, sometimes, related alternative healing regimens. Students receive additional hours required by the South Carolina Department of Education to prepare them to make a seamless transition to the medical aspects of Aesthetics

Barbering

A South Carolina Board of Cosmetology and State Department of Education approved major

This major prepares students for the Barbering Licensure Examination. Students are trained in theory and practical experience for immediate employment in the Esthetics field. Salon ethics, professionalism, communication skills and customer relations are topics covered in this course.

Barber/Master Hair Care 1
Grade: 11
Certification Prep: State Board of Barber/Master Hair Care—SC Licensure Board
Credit: 2 credits
Barber/Master Hair Care prepares individuals to shave and trim facial/neck hair and beards, cut and dress hair, fit hairpieces, give facial and scalp massages, apply cosmetic treatments, and to prepare for licensure as professional barbers at various levels. Instruction includes facial shaving, beard and mustache shaping and trimming, shampooing, hair cutting, hair styles and styling art, facial treatments and massage, chemical applications, hair and scalp anatomy and physiology, hairpiece and toupee fitting, equipment operation, health and safety, customer service, and shop business practices

Barber/Master Hair Care 2
Grade: 11
Certification Prep: State Board of Barber/Master Hair Care—SC Licensure Board
Credit: 2 credits
Prerequisite: Pass Barber/Master Hair Care 1 with a minimum of a 70 average and a minimum of 250 clock hours
This course continues Barber/Master Hair Care prepares individuals to shave and trim facial/neck hair and beards, cut and dress hair, fit hairpieces, give facial and scalp massages, apply cosmetic treatments, and to prepare for licensure as professional barbers at various levels. Instruction includes facial shaving, beard and mustache shaping and trimming, shampooing, hair cutting, hair styles and styling art, facial treatments and massage, chemical applications, hair and scalp anatomy and physiology, hairpiece and toupee fitting, equipment operation, health and safety, customer service, and shop business practices.

Barber/Master Hair Care 3
Grade: 12
Certification Prep: State Board of Barber/Master Hair Care—SC Licensure Board
Credit: 1 credit
Prerequisite: Pass Barber/Master Hair Care 2 with a minimum of a 70 average and a minimum of 500 clock hours
This course continues Barber/Master Hair Care prepares individuals to shave and trim facial/neck hair and beards, cut and dress hair, fit hairpieces, give facial and scalp massages, apply cosmetic treatments, and to prepare for licensure as professional barbers at various levels. Instruction includes facial shaving, beard and mustache shaping and trimming, shampooing, hair cutting, hair styles and styling art, facial treatments and massage, chemical applications, hair and scalp anatomy and physiology, hairpiece and toupee fitting, equipment operation, health and safety, customer service, and shop business practices.

Barber/Master Hair Care 4
Grade:12
Certification Prep: State Board of Barber/Master Hair Care—SC Licensure Board
Credit 2 credits
Prerequisite: Pass Barber/Master Hair Care 3 with a minimum of a 70 average and a minimum of 750 clock hours
This course continues Barber/Master Hair Care prepares individuals to shave and trim facial/neck hair and beards, cut and dress hair, fit hairpieces, give facial and scalp massages, apply cosmetic treatments, and to prepare for licensure as professional barbers at various levels. Instruction includes facial shaving, beard and mustache shaping and trimming, shampooing, hair cutting, hair styles and styling art, facial treatments and massage, chemical applications, hair and scalp anatomy and physiology, hairpiece and toupee fitting, equipment operation, health and safety, customer service, and shop business practices.

Culinary Arts

A major within the Family and Consumer Sciences national career cluster courses identified by the U.S. Department of Education

Culinary Arts provides students with the opportunity to acquire marketable skills by examining both the food service industry and its career opportunities. Laboratory experience simulates commercial food production and service operations which prepare students for gainful employment and/or entry into postsecondary education in the food production and service industry. Students may be involved in co-op, mentoring, job shadowing, internships or other job training programs. Students will work closely with the American Culinary Federation, Myrtle Beach Chapter events and service learning projects.

Culinary Arts Management 1
Grade: 11
Certification Prep: ProStart /ServSafe-- National Restaurant Association
Credit: 2 credits
Culinary Arts 1 is a required course for the Culinary Arts completer program. This course emphasizes skills in the following areas: cuisines, culinary basics, culinary mathematics, dining room operations, food production techniques, food service management, menus nutrition, professionalism, recipes, safety and sanitation, and sustainability. Integration of the Family and Consumer Sciences co-curricular student organization, Family Careers, and Community Leaders of America (FCCLA) and SkillsUSA, greatly enhances the learning experience. Employment opportunities and qualifications are explored as well as industry certifications.Students also take the ServSafe Food Handler test. Students will take the NRA/ProStart 1 assessment.

Baking and Pastry
Grade: 11
Credit: 1 credit
Baking and Pastry for secondary students is a course that provides students an opportunity to develop foundational skills needed for a seamless transition to a postsecondary program, workforce, or military. Students will develop advanced skills in safety and sanitation in addition to management and professionalism. Specialized content includes units on formulas and techniques, basic baking principles, specialized dietary baking, breads, desserts and pastries, and advanced techniques for specialty cakes, confections, piping, plate presentation, and flavor pairing. Concepts are aligned with competencies from the American Culinary Federation (ACF) Education foundation assessment, ACF Retail Commercial Baking Certification. Integration of the strategies from the Family and Consumer Sciences student organization, Family, Career and Community Leaders of America (FCCLA), provides leadership and entrepreneurship development in addition to an opportunity to compete and demonstrate technical skill attainment. Participation in the career and technology student organization, SkillsUSA, provides the students with the opportunity to compete and display professional baking techniques.

Culinary Arts Management 2
Grade: 12
Certification Prep: ProStart/ServSafe-National Restaurant Association
Credit: 1 credit
Prerequisite: Pass Culinary Arts 1
Culinary Arts 2 is a required course for the Culinary Arts completer program. This course applies and expands upon the skills learned in Culinary Arts 1. Students will gain valuable experiences in the following: cuisines, culinary basics, culinary mathematics, dining room operations, food production techniques, food service management, menus, nutrition, professionalism, recipes, safety and sanitation, and sustainability. Integration of the Family and Consumer Sciences co-curricular student organization, Family Careers, and Community Leaders of America (FCCLA), greatly enhances the learning experience. Students are strongly encouraged to achieve appropriate workplace certification. Students also take the ServSafe Manager test. Students will take the NRA/ProStart 2 assessment.

Hospitality & Tourism (Work-Based Learning/Internship)
Grade: 12
Credits: 2 credits
Prerequisite: Pass Culinary Arts Management 1 & 2, and Baking and Pastry
Students who have successfully completed all of the Culinary Arts requirements and academic requirements for graduation may be eligible to participate in senior internships. Students are placed with area business and industry for on-the-job training which reinforces and correlates with the standards.

Digital Art & Design

A major within the AV, Arts, and Technology national career cluster courses identified by the U.S. Department of Education

The ever changing and global technological advancements offer newer and broader opportunities in the creative industry. This major is designed for the student who is interested in a career as a Graphic Artist, Web Designer, Multimedia Producer, Digital Photographer, or a Videographer. The course standards will correlate with those of the Associate Degree Digital Arts program at Horry Georgetown Technical College.

Digital Art and Design 1
Grade: 11
Corequisite: Digital Art and Design 2
Credit: 1 credit
The Digital Art and Design program prepares students for a multitude of careers in the graphic design field. This program provides instruction in layout, computer design, electronic art, color enhancement, and digital photography. Students use design concepts, principles, and processes that meet client expectations using Adobe Creative Suite Software: Photoshop, Illustrator, and InDesign. Students will have the opportunity to attain Adobe Certified Associate certification. Career development and employability skills are the foundation of all career and technology education. Students will compile their works for inclusion in a portfolio, for use in this program of study, the workforce, or postsecondary education.

Digital Art and Design 2
Grade: 11
Corequisite: Digital Art and Design 1
Credit: 1 credit
This course continues to prepare students for a multitude of careers in the graphic design field. This program provides instruction in layout, computer design, electronic art, color enhancement, and digital photography. Students use design concepts, principles, and processes that meet client expectations using Adobe Creative Suite Software: Photoshop, Illustrator, and InDesign. Students will have the opportunity to attain Adobe Certified Associate certification. Career development and employability skills are the foundation of all career and technology education. Students will compile their works for inclusion in a portfolio, for use in this program of study, the workforce, or postsecondary education.

Digital Art and Design 3
Grade: 11
Credit: 1 credit
Prerequisite: Digital Art and Design 1 and 2
This course will continue to prepare students for a multitude of careers in the graphic design field. This program provides instruction in layout, computer design, electronic art, color enhancement, and digital photography. Students use design concepts, principles, and processes that meet client expectations using Adobe Creative Suite Software: Photoshop, Illustrator, and InDesign. Students will have the opportunity to attain Adobe Certified Associate certification. Career development and employability skills are the foundation of all career and technology education. Students will compile their works for inclusion in a portfolio, for use in this program of study, the workforce, or postsecondary education.

Digital Art and Design 4
Grade: 12
Credit: 1 credit
Prerequisite: Digital Art and Design 3
This course continues to prepare students for a multitude of careers in the graphic design field. This program provides instruction in layout, computer design, electronic art, color enhancement, and digital photography. Students use design concepts, principles, and processes that meet client expectations using Adobe Creative Suite Software: Photoshop, Illustrator, and InDesign. Students will have the opportunity to attain Adobe Certified Associate certification. Career development and employability skills are the foundation of all career and technology education. Students will compile their works for inclusion in a portfolio, for use in this program of study, the workforce, or postsecondary education.

Webpage Design and Development (Work-Based Learning/Internship)
Grade: 12
Credit: 2 credits
This advanced course is designed to provide students with the knowledge and skills necessary to pursue careers in web design and development. Students will develop an in-depth understanding and use of HTML, CSS, JavaScript, layout techniques, and other industry-standard practices. In addition, students will learn scripting technologies to create dynamic and interactive websites. Students will maintain a professional quality portfolio of web design work. Successful completion of this course will prepare students for industry certification.

Health Science Majors:

Nursing and Pre-Medicine

A major within the national career clusters identified the U.S. Department of Education

This major offers students the opportunity to specialize in one of the following health care areas: Nursing or Pre-Medicine.

Nursing requires students to be competent in basic nursing skills in order to successfully meet requirements for state certification as a nurse aide. Students must prove competency on the state standards mandated for certification. Students must have at least forty hours internship experience in a long term care facility with the Health Science Nursing instructor. The Health Science Nursing program is a DHHS-state certified program and the instructors are DHHS certified, also. Upon graduation, students who are CNAs are able to get jobs in hospitals, physician offices, hospice or home health care, or other healthcare facilities. This enables them to enter into the workplace as they continue their education as a nurse or other healthcare provider or enter as their career choice.

The **Pre-Medicine** area concentrates on learning and practicing skills that will prepare them for a variety of diverse post-secondary educational opportunities, from a two-year college program to four-year College and graduate programs. Pre-Medicine will introduce you to a variety of careers that include: primary care Physician, Surgeon, Dentistry, Hospital administration, Nutritionist, Medical Research, Laboratory Technician, Radiology, Pharmacy, Fitness training, Veterinary medicine, Physician's or medical assistant, and/ or Physical therapy.

Students must purchase uniforms to wear for weekly uniform day, shadowing, and service learning projects. All Health Science students are required to take Medical Terminology.

Medical Terminology (CP & Honors)
Grade: 11
Credit: 1 credit
Corequisite: Health Science 1 - Nursing (CP) or Pre-Med 1(H)
Medical terminology is designed to develop a working knowledge of the language of health professions. Students acquire word-building skills by learning prefixes, suffixes, roots, combining forms, and abbreviations. Utilizing a body systems approach, students will define, interpret, and pronounce medical terms relating to structure and function, pathology, diagnosis, clinical procedures, and pharmacology. Students will use problem-solving techniques to assist in developing an understanding of course concepts. Students have the opportunity at the completion of Medical Terminology during their second year of Health Science to take an Articulation Examination from Horry Georgetown Technical College for an Articulation credit.

Health Science 1
Grade: 11
Credit: 1 credit
Health-Related Certifications Prep
Students meeting mandated competency standards will qualify to take the state certification test for nurse aide. Students will learn basic nursing fundamentals, such as taking vital signs, feeding residents, and assisting with bed making. Upon completion of this course proficient students will be able to identify careers in these fields, compare and contrast the features of healthcare systems and begin to provide foundational health care skills. This course will serve as a foundation for all Health Science programs of study.

Health Science 2
Grade: 11
Credit: 1 credit
Corequisite: Health Science 1 and Anatomy and Physiology Recommended
Health-Related Certifications Prep
This course is a continuation of HS 1 which requires students to be competent in basic nursing skills such as taking vital signs, giving bed baths, and performing transfers. This major concentrates on nursing as a career and can lead to a state/national certification as a Certified Nursing Assistant (CNA). Students may receive this certification by passing the course with an 85 average, completing competencies for long term care, and completing 40 clinical hours experience (Internship hours). Students must wear uniform on uniform day, shadowing, and internship days. Students must meet all pre-determined competencies before participation in a clinical practicum experience.

Nursing

Health Science Human Structure, Function
Grade: 12
Credit: 1 credit
Prerequisite: HS 1, HS 2 and Medical Terminology
Health Science Human Structure focuses on the human body. Students will gain knowledge of all human body systems and how they work (Anatomy and Physiology). This course will emphasize the study of disease, prevention and treatment (Pathophysiology). Students will participate in teamwork activities for assigned projects. Medical Terminology is incorporated throughout the course. Skills learned in HS2 will be reinforced as each body system is studied.

Health Science Clinic Study (Internship)
Grade: 12
Credit: 2 credits
Prerequisite: Successful completion of HS 1, HS 2 and Med Terminology.
Corequisite: HS 3
Health Science Clinical Study is designed to give students a clinical experience. This course can be a Certified Nurse Aide program or an individualized work based clinical experience for the student. Students will have classroom time to review the necessary skills and qualities needed to complete rotating internships that will require travel to worksites. (District specific student travel guidelines should be followed and worksite HIPPA training and required worksite guidelines should be adhered to.) CPR and FA certifications can be renewed during this course if needed. Students should be certified in CPR and FA before being placed at a medical facility. Schools serving as a Certified Nurse Aide program will follow the rules and regulations governed by SCDHHS. This Clinical Study program is meant to be a flexible program that works with district adaptive clinical programs and certifications.

Pre-Medicine Major

Health Science- Pre-Med Human Structure, Function
Grade: 12
Credit: 1 credit
Prerequisite: HS 1, HS 2 and Medical Terminology
Health Science Human structure focuses on the human body. Students will gain knowledge of all human body systems and how they work (Anatomy and Physiology). This course will emphasize the study of disease, prevention and treatment (Pathophysiology). Students will participate in teamwork activities for assigned projects. Medical Terminology is incorporated throughout the course. Skills learned in HS2 will be reinforced as each body system is studied

Health Science Work-Based (Internship)
Grade: 12
Credit: 2 credits
Prerequisite: Successful completion of HS1 and HS2 with a minimum of 85 average and completion of Medical Terminology
Corequisite: HS 3
Students who have successfully completed all of the health science requirements and academic requirements for graduation may be eligible to participate in senior internships. These internships allow the student to attain practical experience in a health care setting and are strictly supervised by their instructors. Internships include hospital sites, long-term care facilities, primary care offices, etc.

Pre-Engineering

The Pre-engineering major is designed to allow students to explore different areas of engineering in which they are interested. Students have opportunities to job shadow and intern with professionals at all kinds of high-tech engineering companies to help them make the right decisions for college and career. Students must individually perform engineering practices daily such as designing and building balsa wood models, building robots, flying flight simulators, doing computer drafting, prototyping aerospace models, applying aeronautical engineering concepts, and developing innovative automotive designs. State of the art, "cutting edge" technology application is the norm for engineering students today, and the Pre-engineering major provides everything needed to help students get started toward a high paying engineering career.

Introduction to Engineering Design Honors
Grade: 11
Credit: 1 credit
This course is designed to help students become cognizant of the field of engineering and engineering technology. Exploring various technology systems and manufacturing processes helps students learn how engineers and technicians use math, science and technology in an engineering problem-solving process to benefit people. Students in engineering teams apply technology, science, and mathematical concepts and skills to create designs and solve engineering design problems. The course also includes concerns about social and political consequences of technological change.

Principles of Engineering Honors
Grade: 11
Prerequisite: Introduction to Engineering Design Honors
Credit: 1 credit
Students have the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem-based (APB) learning. By solving rigorous and relevant design problems using engineering and science concepts within a collaborative learning environment, APB learning challenges students to continually hone their interpersonal skills, creative abilities, and problem solving skills. Students will also learn how to document their work and communicate their solutions to their peers and members of the professional community. It also allows students to develop strategies to enable and direct their own learning, which is the ultimate goal of education.

Digital Electronics
Grade:12
Credit 1 credit
Digital electronics is the study of electronic circuits that are used to process and control digital signals. In contrast to analog electronics, where information is represented by a continuously varying voltage, digital signals are represented by two discrete voltages or logic levels. This distinction allows for greater signal speed and storage capabilities and has revolutionized the world of electronics. The major focus of the DE course is to expose students to the design process of combinational and sequential logic design, teamwork, communication methods, engineering standards, and technical documentation.

Civil Engineering and Architecture
Grade: 12
Credit: 1 credit
Civil Engineering and Architecture is the study of the design and construction of residential and commercial building projects. The course includes an introduction to many of the varied factors involved in building design and construction including building components and systems, structural design, stormwater management, site design, utilities and services, cost estimation, energy efficiency, and careers in the design and construction industry.

Environmental Sustainability
Grade:11
Credit: 1 credit
Environmental Sustainability is a relatively new and rapidly developing discipline that involves manipulating living organisms or parts of living organisms to create products useful to humans. Bioengineering is a sensitive and complicated type of engineering due to the moral and ethical decisions related to using living organisms. It is different from other traditional engineering disciplines, which primarily utilize non-living materials and processes. In this course students will specifically look at how environmental and biological engineering of organisms can be used to provide environmentally friendly and sustainable solutions to ensure food security for a growing world population; provide affordable, renewable energy; and provide clean, safe drinking water.

Engineering and Industrial Technology Education (Work-based Learning/Internship)
Grade: 12
Credit: 2 credits
Prerequisite: Successful Completion of Prescribed Engineering Courses
Students who have successfully completed all of the Pre-Engineering PLTW requirements and academic requirements for graduation may be eligible to participate in senior internships. Students are placed with area business and industry for on-the-job training which reinforces and correlates with the standards.

English/Language Arts

English I
Grade: 9
Credit: 1 credit
Students are required to (1) produce specific written evidence in essays, research, logs, an projects; (2) read and analyze selections identified as Essential Texts and teacher-chosen literature; (3) deliver a speech; (4) meet standards on the Horry County End-of-Course test, and teacher's examination. Students are expected to use grade-level appropriate reading, writing, grammar, research, evaluation, and test-taking skills. Out-of-class reading assignments are required.

English II
Grade: 10
Credit: 1 credit
Prerequisite: English I
Students are required to (1) read and analyze selections identified as Essential Texts and teacher-chosen literature; (2) produce specific written evidence in essays, documented research, and logs; (3) complete a project; (4) meet standards on the SC End-of-Course Test and teacher's examination. Students are expected to use grade-level appropriate reading, writing, research, grammar, evaluation, and test-taking skills. Out-of-class reading and writing assignments are required.

English III
Grade: 11
Credit: 1 credit
Prerequisite: English II
This college-preparatory course requires study of American literature. This course follows Horry County Curriculum Standards. Students are required to write essays of explanation, analysis, persuasion, and documented research and must show evidence of standard language conventions, vocabulary, and public speaking skills. Out-of-class reading and writing assignments are required.

English IV
Grade: 12
Credit: 1 credit
Prerequisite: English III
This college-preparatory course requires study of British Literature. Students are required to write essays of explanation, analysis, and documented research. Students are expected to show evidence of standard language, vocabulary, and public speaking skills in written and oral demonstrations. Out-of-class reading and writing assignments are required. This course follows State and Horry County Curriculum Standards.

Advanced Placement Language
Grade: 12
Credit: 1 credit
Prerequisite: Honors English III and Teacher Recommendation
This course requires extensive out-of-class analytical reading and writing based on a curriculum suggested by The College Board Educational Testing Service. Students are expected to self-direct their reading and study, meet assignment standards and deadlines, complete out-of-class reading assignments, and use appropriate test-taking skills. *Assignments are similar to those of first-year college English courses.* Students enrolled in this course are required to take the AP English Language Exam, administered free to AP students in May.

Digital Media Publication
Grade: 11 - 12
Credit: 1 elective credit
This course teaches the history of journalism as well as the fundamentals of layout and design, style, copy-editing, marketing strategies, and proofreading. After study of theory and practical application, students will design a yearbook for fall publication, and will devise and implement ways to fund a yearbook. This class requires that students attend after school activities for meeting deadlines and/or ad sales

Mathematics

Foundations of Algebra
Grade: 9
Credit: 1 credit
Focuses on the ability to understand and apply mathematics to solve realistic workplace problems. Algebraic skills are taught through an interactive approach. Topics include generalizations and algebraic symbols, algebraic expressions in problem solving situations, equations and inequalities, slopes of lines, linear functions and data representation. Students will use graphing calculators (TI-84) and appropriate computer software.

Intermediate Algebra
Prerequisite: Foundations of Algebra
Grade: 10
Credit: 1 credit
The second course in a program focusing on the development of student's ability to understand and apply mathematics to solve real workplace problems. Algebraic skills are taught through an inter- active approach. Topics include generalizations, algebraic symbols and matrices, algebraic expressions in problem solving situations, interpretations, linear functions and data representation, systems of linear equations, linear and quadratic functions and other functions. Students will use graphing calculators (TI-84) and appropriate computer software. *Foundations in Algebra and Intermediate Algebra meets the state Algebra standards. The state Algebra 1 End-of-course exam will be given at the completion of Intermediate Algebra.*

Geometry
Grade: 10, 11
Credit: 1 credit
Prerequisite: Algebra I
Geometry is the mathematical study of shapes, their properties, and their relationships. The course competencies meet the state geometry standards. Emphasis is placed on student discovery and exploration and on formulating and defending conjectures. Geometry includes an in-depth study of reasoning, polygons, congruence, similarity, right triangles, circles, area, volume and transformations. Students will use a variety of approaches, such as coordinate, transformational, and axiomatic systems. They will also develop an appreciation for the connections between geometry and other disciplines. Students will use graphing calculators (TI-84) and appropriate computer software throughout the course.

Algebra II
Grade: 11, 12
Credit: 1 credit
Prerequisite: Geometry
Algebra II contains an in-depth study of functions, patterns, relations, and concepts of number systems. These include linear, quadratic, exponential, absolute value, radical, and rational functions. Conic sections are also addressed. If time allows, logarithms and trigonometric concepts will be introduced. In Algebra II, graphing calculators (TI-84) are required as part of instruction and assessment. Students should use a variety of representations, tools, and technologies to model situations to solve meaningful problems. Students will use graphing calculators (TI-84) and appropriate computer software throughout the course.

Pre-Calculus Honors
Grade: 10, 11
Credit: 1 credit
Prerequisite: Algebra II Honors
Pre-Calculus 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. The course 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. Emphasis is placed on active participation through modeling, group activities and communication in expressions, systems of second-degree equations and inequalities, complex numbers in polar form, iteration, and fractals. Students will be taught in greater depth and difficulty at this level. They will use technology, including graphing calculators (TI-84), computers, and data-gathering equipment throughout the course.

Probability & Statistics
Grade: 12
Credit: 1 credit
Prerequisite: Algebra 2
Probability and Statistics is a course in which students learn the fundamental principles of probability and statistics and apply these principles to data analysis. Curriculum, instruction, and assessment will enable students to explore the following topics: foundations of data analysis, univariate data displays, bivariate data and scatter plots, basic probability concepts and applications, probability distributions, statistical inference, hypothesis testing, and project design.

Science

Physical Science
Grade: 9
Credit: 1 credit
This is an introductory science course in which students explore natural laws and scientific principles as they relate to the topics of physics and chemistry. Concepts include measurement, analyzing and presenting data, properties of matter, forms of energy, and the interaction of matter and energy. The process skills of science are emphasized by numerous laboratory investigations.

Biology I
Grade: 10
Credit: 1 credit
Prerequisite: Physical Science
This lab science course introduces the principles and concepts of biology. Emphasis is placed on basic biological chemistry, cell structure and function, metabolism and energy transformation, DNA, genetics, evolution, ecology, and other related topics. *The State Biology I End-of-Course Test will be given at the completion of the course and will count 20% of the final grade.*

Chemistry I
Grade: 11
Credit: 1 credit
Prerequisite: Physical Science, Biology
This lab course includes a study of the structure and organization of matter, chemical bonding, chemical equilibrium, chemical reactions, and environmental effects. This course is designed for students who plan to attend a four-year college.

Chemistry I Honors
Grade: 11
Credit: 1 credit
Prerequisite: Biology Honors and Algebra II Honors (recommended)
Prospective students should note that the workload is greater than for college prep chemistry. Students should expect more reading and creative writing assignments and to move at a faster pace. Research papers and classroom presentations will be required for the successful completion of this course.

Social Studies

World Geography
Grade: 9
Credit: 1 credit
World Geography is the study of the physical systems on earth and the interactions between humans and their physical environments. This course implements a regional and thematic approach, wherein students explore a specific geographic theme in the context of one of the world's major geographic regions. Emphasis is placed on connecting the concepts studied in class to real-world, current events.

World History
Grade: 10
Credit: 1 credit
World History from 1300: The Making of the Modern World is designed to assist students in understanding how people and countries of the world have become increasingly interconnected. In the last six hundred years, population growth, demand for resources, curiosity, and technology has converged to draw the distant corners of the world closer together. Critical thinking is focal to this course, which emphasizes on why and how people, ideas, and technology have made an impact on diverse groups of people. Covers from the mid 15th century up to the present day

United States History
Grade: 11
Credit: 1 credit
U.S. History is a study of our nation with particular emphasis on the period from 1877 to present. The areas of concentration include the historical, social, political, and economic developments in the United States. State Board of Education Regulation 43-259 requires the teaching and testing of the Declaration of Independence, the U.S. Constitution, and the Federalist Papers; along with other American institutions and ideals as a graduation requirement. This required course is taught over a semester with one credit awarded after successful completion.

Government and Economics
Grade: 12
Credit: 1 credit
Prerequisite: US History
The basic purpose of the Government course is to describe, analyze, and explain the American democratic system. The focus of the course will be the inherent rights and responsibilities established by the U.S. Constitution and other relevant documents. State Board of Education Regulation 43-259 requires the teaching and testing of the Declaration of Independence, the US Constitution, and Federalists Papers, along with other American Institutions and ideals as a graduation requirement. This course is taught over a nine-week grading period.
The focus of Economics is the problem of scarcity and the decisions that must be made in order to deal with allocation of a wide variety of resources. The purpose of the course is to further develop decision-making skills among our high school seniors. The course is taught over a nine-week grading period.

Government and Economics Honors
Grade: 12
Credit: 1 credit
Prerequisite: Teacher Recommendation
At the honors level of this course, students are expected to perform at higher levels of understanding, analysis, and application. Students will complete rigorous reading, projects, and assignments. The basic purpose of the Government course is to describe, analyze, and explain the American democratic system. The focus of the course will be the inherent rights and responsibilities established by the U.S. Constitution and other relevant documents. State Board of Education Regulation 43-259 requires the teaching and testing of the Declaration of Independence, the US Constitution, and Federalists Papers, along with other American Institutions and ideals as a graduation requirement. The focus of Economics is the problem of scarcity and the decisions that must be made in order to deal with allocation of a wide variety of resources. The purpose of the course is to further develop decision-making skills among our high school seniors.

Foreign Language

Spanish I
Grade: 9, 10, 11, 12
Credit: 1 foreign language elective credit
This course is the first in a series in which students develop communication skills, cultural knowledge, connections to their subject areas, comparisons to their own language and culture, and participation in multilingual communities. Students will study vocabulary, the basic grammatical mechanics of the language, pronunciation, and culture. Emphasis is placed on developing interpretive, interpersonal, and presentational skills within an authentic cultural context.

Spanish II
Prerequisite: Spanish I
Grade: 10, 11, 12
Credit: 1 foreign language elective credit
This course is a continued study of the language principles developed in Spanish I. Students will expand their basic knowledge of the language. Students will learn additional vocabulary and will be exposed to more complex grammar concepts and culture. Interpretive, interpersonal, and presentational skills will continue to be developed and applied.

Physical Education

Physical Education 1
Grade: 9
Credit: 1 credit
This course will provide a wide array of topics related to health, physical fitness and how to establish a high quality life-style. Students will be involved in a wide range of fitness activities, learn how to assess their own health and fitness levels, and participate in a variety of team sports and lifetime activities. Sports and activities include bowling, ultimate Frisbee, volleyball, softball, flag football, badminton, and basketball. PE 1 is a required course to receive a high school diploma. All five standards set up by the state of South Carolina must be passed in order to receive credit for the course. The only exception to the PE 1 requirement is JROTC. Students who do not pass PE 1 cannot retake the course until his/her 12th grade year.

Physical Education 2
Prerequisite: Physical Education 1
Credit: 1 credit
Grade: 10, 11, 12
This course will provide a wide array of topics related to health, physical fitness and how to establish a high quality life-style. Students will be involved in a wide range of fitness activities, learn how to assess their own health and fitness levels, and participate in a variety of team sports and lifetime activities. Sports and activities include bowling, ultimate Frisbee, volleyball, softball, flag football, badminton, and basketball.

Fine Arts

Art 1
Grade: 9,10,11,12
Credit: 1 elective credit
This course is a study of the basic elements and principles of composition and design, various media, methods and techniques, art history and criticism. A sketchbook is required for all

classes.

CTE Electives

Fundamentals of Computing
Grade: 9, 10, 11, 12
Credit: 1 elective credit
This course is designed to introduce students to the field of computer science through focusing on conceptual ideas of computing. They will study practices of algorithm development, problem solving, programming, interface design, robotics, societal and ethical issues related to the lives of students today. This course fulfills the computer science graduation requirement. (CATE course)

Desktop Publishing
Grades Offered: 9, 10, 11, 12
Unit: 1 elective credit
This course focuses on 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.

Web Page Design and Development 1
Grades Offered: 9th-12th
Credit: 1 elective credit
Students should already have keyboarding proficiency. This course is designed to provide the student with the knowledge and skills needed to design Web pages. Students will develop skills in designing, implementing, and maintaining a website using authoring tools. Note: Web pages created by students in this course will not be published without following district guidelines. Competencies taught are to prepare students for end of course testing so emphasis is on speed, accuracy, and production using proper keyboarding techniques, timed writings, mail ability of projects, and online activities.