



**Table of Contents**

**Page 1** Planning Your Education - Grades 10/11/12  
 Online Registration

**Pages 2 - 3** State Diploma Requirements  
 Unit Requirements for Grade Advancement  
 IGPs, Career Clusters, and Personal Pathways  
 to Success  
 Uniform Grading Scale / Computing GPR-Grade  
 Point Ratio  
 College Admission Requirements  
 Guidelines for Courses

**Page 4** Early Dismissal Guidelines  
 Career Center Program  
 Registering for a Career Center Course  
 Fine Arts Center Program

**Page 5** School Information

**Page 6** Course Descriptions

**Planning Your Education**

Your school provides this course curriculum guide as a means of assisting students and parents in planning their high school course of study. Consideration should be given to planning the entire four year program with specific outcomes in mind. Is the student planning on attending a two or four-year college? Is the student planning to enter the military or the work force upon graduation? The successful student will plan based on goals that he and his parents establish upon completion of high school. Therefore, students are encouraged to carefully select courses during the registration process. Your school's guidance counselors and teachers stand ready to assist them. Parents are invited and encouraged to actively participate by assisting their student.

Classes are scheduled based upon student requests. However, due to schedule conflicts and changes in course offerings, the staff cannot guarantee that students will be scheduled for all courses they request. Therefore, it is very important that students list alternatives in case of class conflicts. In addition, be aware that the school builds a master schedule and employs teachers based on students' requests; therefore, schedule changes after the deadline will only be considered on a very limited basis. Students should see their guidance counselor for a list of the schedule change requests that will be honored and the deadline by which these requests must be submitted.

**Online Registration**

Online Registration was implemented in 2004. It allows parents and students to request related arts courses for the next school year from home via the Internet. Families who do not have access to the Internet will be given opportunities to use school computers to register online. Parents and students should understand that requesting a related arts course through online registration does not guarantee that the student is placed in the course the next school year. Final placement in a course is dependent upon enrollment, scheduling feasibility, and teacher allocation. Parents without Internet access at home will receive a printed copy of the course curriculum guide by request. The window for students to select related arts courses online is posted by the school on the school's website and in parent newsletters. Schools will provide instructions on accessing the online registration tool.

## State Diploma Requirements

**English** – 4 Units

**Math** – 4 Units

**Science** – 3 Units

**US History** – 1 Unit

**Economics** – ½ Unit

**Government** – ½ Unit

**Other Social Studies** – 1 Unit

**Physical Education or ROTC** – 1 Unit

**Computer Science** – 1 Unit

**Foreign Language or Occupational Specialty** – 1 Unit

**Electives** – 7 Units

## Unit Requirements for Grade Advancement

**24 Units of Credit are required to obtain a SC High School Diploma.**

### Grade 9

Successful completion of eighth grade

### Grade 10

5 units (must include one unit of English, one unit of mathematics and three other units)

### Grade 11

11 units (must include two units of English, two units of mathematics, one science, and six other units)

### Grade 12

17 units (must include three units of English, three units of mathematics, two units of science, and nine other units)

## IGPs, Career Clusters and Personal Pathways to Success

The South Carolina Education and Economic Development Act (EEDA) requires school districts to develop a curriculum organized around the career cluster system—16 career clusters, schools of study, and majors. In the organization of the district curriculum around the career cluster system, Greenville County Schools divided the 16 career clusters into six schools of study. These six schools of study include School of Arts, Communication and Information Technology; Business, Marketing and Management; Environmental and Agricultural Systems; Health Science; Human Resources and Services; and Industrial Manufacturing and Engineering Systems. Under each school of study a student will find related career clusters. The career clusters are then broken down into academic focus areas (majors) that students may choose based on interests and skills.

Personal Pathways to Success is the name given to this reorganization of the curriculum which is designed to help students take control of planning for their futures. Personal Pathways to Success provides the solid mix of academic and technical skills students need to compete in the global economy. It gives students a reason to achieve in school by connecting success in school with success in life. It maintains South Carolina's core academic requirements while opening up pathways to success for students no matter where they lead – to two-year colleges, four-year colleges or universities, the military, or directly into the workforce. Students, parents, and counselors work together to develop Individual Graduation Plans (IGP) that specify a student's cluster, academic focus (major), post-secondary goals, planned high school activities, and planned out-of-class activities. The Individual Graduation Plan (IGP) is a document that states the student's intentions related to courses that are taken during high school. **The IGP is initiated in the 8th grade with the choice of a cluster area. When the IGP is updated in the 10th grade, the student will select an academic focus (major) within their cluster of choice.** Students will utilize Naviance, a comprehensive college and career readiness tool, to help them align their strengths and interests to their career goals. The courses that are taken are determined by the student's interests. It can be modified over time as interests and skills develop or change. The IGP is like a road map to the future: if the student stays on course, the student will reach the destination – graduation – with all the courses, skills and experience needed to take his education or career to the next level. Each year the student, parents/guardians, and counselors will review and update the plans for the coming year. Switching clusters or majors is okay -- as the high school years progress and the student learns more about his interests and skills there are bound to be changes in choice of coursework.

## Uniform Grading Scale

The following conversion table will be used to determine GPR and rank in class.

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

## College Admission Requirements

Usually college admissions requirements are far beyond the minimum requirements for high school graduation. Students who plan to attend college should consult catalogs of colleges to assure that they are choosing the right courses. Colleges also look at the GPA and class rank as well as College Entrance Exam scores such as the SAT or ACT for admission.

## Guidelines for Courses

State Dept. of Education regulations and Greenville County Schools Board of Trustee policies/rules that relate to high school course offerings offer the following guidance:

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

A student who has taken a course for a unit of high school credit prior to his or her ninth grade year may retake that course regardless of the grade he or she has earned. A student who retakes a high school credit course from middle school must complete it before the beginning of the

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
0-50	F	0.000	0.000	0.000

\*Credit for a course will be awarded for a grade of 60 or above. A score of 59 or below will result in no credit for that course.

Grade point ratios will be figured uniformly in all schools using the following formula. The formula will yield each student's GPR which can then be ranked from highest to lowest rank in class. Computations will not be rounded to a higher number. All diploma candidates are included in the ranking.

$$\text{GPR} = \frac{\text{sum}([\text{quality points}] \times [\text{units}])}{\text{sum of units attempted}}$$

second year of high school. A student in grades nine through twelve, must retake a course by the end of the next school year or before the next sequential course (whichever comes first). In such a case, only the highest grade will be used in figuring the student's GPA. The student may not retake the course if the course being replaced has been used as a prerequisite for enrollment in a subsequent course; i.e., a student may not retake Algebra 1 after having earned credit for a higher level mathematics course (Geometry, Algebra 2)."

- Courses that include students who are part of a team, club, or organization must be open to all other students who meet the prerequisites and who want to benefit from the content and skills taught.
- Carnegie units are not to be awarded for extracurricular activities or preparation for interscholastic competition such as band competition practice, football practice, cheerleading practice, dance team rehearsals, forensic tournament rehearsal or student council activity.
- Students are not allowed to earn a Carnegie unit for being a teacher's aide with the exception of the science lab assistant and the media center specialist's assistant.
- Schools offering courses in Service Learning and/or other work-based, credit-bearing instructional experiences such as Internship or Cooperatives are to abide by all rules governing those experiences and courses. Students must attend class a minimum of one day per week if they are engaged in their work-based projects outside the school. Insurance forms, attendance logs, and performance evaluation documentation must be on file at the school. Teachers of these courses are required to make site visits and to keep appropriate documentation on each student.
- An honors course must have a published syllabus that verifies rigor that is sufficiently beyond the college prep requirements.
- Honors-level texts and other course materials must be differentiated and more rigorous than those used in the college prep courses.
- **Teacher recommendation** means that a teacher recommends a course as a future path for that student. The appropriate content-area teacher is designated in the prerequisite.
- **Instructor approval** means that the teacher who is actually teaching the course must approve of that student's placement in the course.
- Specific instances demanding an exception to the grade level requirement for a course must be addressed by the appropriate District level Academic Specialist.
- Students and parents who disagree with a recommendation made by a teacher may choose to complete a "Parent Override Request" and set up a conference with the teacher who made the placement. The form is available through the guidance office at the school.
- Students may apply to audit a class. Please note that if a course is audited that the class cannot be retaken for credit. Students may pick up the application and receive more information from their guidance counselor.
- Curriculum Guide Key:
  - ◊ AP – Advanced Placement Level Course
  - ◊ IB – International Baccalaureate Course
  - ◊ CP – College Preparatory Course
  - ◊ H – Honors Level Course
  - ◊ EW – Dual Credit

## Early Dismissal Guidelines

### In accordance with

Section I - Instructional Program

Title: Instructional Arrangements: Scheduling for Instruction

Code :IED

Status: Active

Adopted; June 8, 2004

Last Revised: October 24, 2018

A senior may apply for a flexible schedule (late arrival or early dismissal), if all the following criteria are met:

- The student attends school a minimum of one-half day (4 traditional classes or two block classes);
- The student is on track to graduate;
- The student's principal and parent(s) determine that a flexible schedule is in the best interest of the student's academic success.

The superintendent may waive this policy in exceptional situations. He/she shall promulgate a rule setting forth situations in which such a waiver would be appropriate and specifying the procedure for obtaining a waiver.

## Career Center Program

Greenville County Schools has four career centers which provide the students an opportunity to study and prepare for the career of their choice. Students attend the career center for either a one-year or two-year program in the field of their choice. Programs include, but are not limited to, automotive technology, web design, early childhood education, culinary arts, welding, automotive collision repair, carpentry/building construction, marketing, criminal justice, HVAC, fire management, cosmetology, machine tool and mechatronics. Students attend the career center for either three hours in the morning or three hours in the afternoon after receiving their core academic courses at the home-based high school. Students are also provided the opportunity to gain practical work experience while at the career center through various work-based experiences, including but not limited to, co-operative education, internships, and youth apprenticeships. The faculty at the career center is made up of individuals who have extensive work experience in the field they teach, as well as teaching experience. Many of these programs provide industry certifications as well as dual credit opportunities. In dual credit courses, students receive both high school credit and college credit from Greenville Technical College. For more information on courses available at a particular career center, students can check the website of the career center or call the career center.

Donaldson Career Center: <http://www.greenville.k12.sc.us/donaldsn/>

Enoree Career Center: <http://www.greenville.k12.sc.us/enoree/index.asp>

Golden Strip Career Center: <http://www.greenville.k12.sc.us/gstripcc/>

J. Harley Bonds Career Center: <http://www.greenville.k12.sc.us/bonds/>

## Registering for a Career Center Course

All students who wish to register for a Career Center program are to contact either their school's counselor or a counselor at the Career Center to receive instructions on completing the application process.

## Fine Arts Center Program

The Fine Arts Center of Greenville County, the first specialized arts school in South Carolina, was established in August of 1974. The Center serves students from 14 district schools, from private, charter and homes schools, and students from outside Greenville County who pay a yearly tuition to attend. The purpose of the Fine Arts Center is to provide advanced comprehensive arts instruction to students who are artistically talented and who wish to take an intensive pre-professional program of study. Students who apply to the Fine Arts Center are selected on the basis of talent, motivation and commitment to their discipline, as indicated by academic records, a teacher recommendation and an audition/interview. Students who are interested in applying should contact either their school's counselor or the Fine Arts Center counselor to receive instructions on completing the application process. Students attend the Fine Arts Center five days a week in the morning or afternoon for 110 minutes of instruction, spending the remainder of their time in academic studies at the home high school. Curricula are rigorous and fast-paced and most are equivalent to college level courses. The faculty are highly trained and widely experienced. The students are studying with active and successful artists. Each year approximately 400 students attend the Fine Arts Center, and of that number, many go on to receive local, state and national honors, awards, and scholarships. <http://www.fineartscenter.net/>

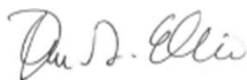
Parents and Students,

On behalf of our faculty and staff at the GCSVP, we want to welcome all of you to the 2022-2023 school year. We are looking forward to building a productive partnership with all of you to ensure all of our students have the opportunity to reach their highest potential throughout the year and beyond. Although we have experienced some challenging years due to the pandemic, we know more than ever that student success is directly tied to receiving support from both the school and the home. As partners in our student's education, we want you to know that we will provide them with the best education possible.

Although we will be learning through a virtual platform, instruction and behavior are just as important, if not more important, in the Virtual Program. To ensure that all GCVSP parents and students understand the expectations of the virtual learning environment, we have developed a 2022-2023 Parent and Student Contract that will be sent out over summer break. It is the companion to the [GCS Behavior Code \(JCDA\)](#) and the [GCS e-Learning Acceptable Use Policy](#).

Over the summer, please take time to check out our [GCSVP Website](#) and keep an eye out for our [Social Media](#) (Facebook, Instagram, and Twitter) pages over the summer as well. As always, we will send all communication through the Parent Backpack Application, so be sure you are signed up in order to receive important updates about the 2022-2023 school year.

Thank you,



Ken S. Ellis

Director, K-12 GCSVP

**Administration**

**Interim Director:** Mr. Ken Ellis

**9-12 Administrator:** Dr. Amy Roessler

**Instructional Coach:** Mrs. Angie Siegfried

**Counselors**

**Jeremy Black:** 9th Grade / 10th Grade - Last Names R-Z

**Amy Brenegan:** 11th Grade / 10th Grade - Last Names I-Q

**Latresha Drummond:** 12th Grade

**Veronica Roberts:** 10th Grade - Last Names A-H

## Course Descriptions

### English

**Title:** English 1 CP

**Course Number:** 302401CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

English 1 is designed to prepare students for College and Career readiness as required by the South Carolina State Standards and the End of Course exam. The curriculum exposes students to a variety of genres, both literary and informational. Note: this course carries CP GPA weighting. Placement Recommendation: 8th grade MAP RIT scores in reading less than 244

**Title:** English 1 Hon

**Course Number:** 302403HW

**Unit Credit:** 1

**Grade Level:** 8 - 12

English 1 Honors is a course for academically gifted students who have the ability to pursue an accelerated English program. These students may be preparing for Advanced Placement English - college level courses - in high school; therefore, the coursework will reflect more rigor than English I CP. Note: This course carries Honors GPA weighting. Prerequisites: High level of performance in reading and writing skills, ability to think critically and demonstrated enthusiasm for language arts, and/or teacher recommendation. All GTA identified students should enroll in the GT or Honors level course

**Title:** English 2 CP

**Course Number:** 302501CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

English 2 introduces literary and informational texts that create awareness and appreciation of cultural diversity. The course is designed to prepare students for the rigor of the South Carolina State Standards for College and Career Readiness. Note: this course carries CP GPA weighting. PREREQUISITE: Completion of English 1

**Title:** English 2 Hon

**Course Number:** 302503HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

English 2 Honors introduces students to a survey of World Literature, ancient to modern. The course is designed to prepare students for the rigor of the South Carolina State Standards for College and Career Readiness. Note: this course carries Honors GPA weighting. PREREQUISITE: Earned 80 or above in English 1 Honors or a strong A(95 or above) in English 1 CP; High level of performance in reading and writing skills; Ability to think critically and demonstrated enthusiasm for language arts; Teacher recommendation

**Title:** English 3 CP

**Course Number:** 302601CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

English 3 introduces literary and informational texts reflecting a broad range of writing by American authors. The course is designed to prepare students for the rigor of the South Carolina State Standards for College and Career Readiness. Note: this course carries CP GPA weighting. Placement recommendation: Completion of English 1 and 2 CP

**Title:** English 3 Hon

**Course Number:** 302603HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

English 3 Honors is an in-depth study of United States literature and literary nonfiction, especially foundational works and documents from the 17th century through the early 20th century. The course is designed to prepare students for the rigor of the South Carolina State Standards for College and Career Readiness. Note: this course carries Honors GPA weighting. Placement recommendations: Earned 80 or above in English 1 Honors and English 2 Honors; High level of performance in reading and writing skills; Ability to think critically and demonstrated enthusiasm for language arts; Teacher recommendation

**Title:** English 4 CP

**Course Number:** 302701CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

English 4 introduces literary and informational texts reflecting a broad range of writing by authors outside the United States. The course is designed to prepare students for the rigor of the South Carolina State Standards for College and Career Readiness. Note: this course carries CP GPA weighting. Placement recommendation: Completion of English 3 CP

**Title:** English 4 Hon

**Course Number:** 302703HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

English 4 Honors is a survey course of British Literature from the Anglo-Saxon period through modern times. The course is designed to prepare students for the rigor of the South Carolina State Standards for College and Career Readiness. Note: this course carries Honors GPA weighting. Placement recommendations: Earning 80 or above in English 3 Honors; High level of performance in reading and writing skills; Ability to think critically and demonstrated enthusiasm for language arts; Teacher recommendation

**Title:** Creative Writing

**Course Number:** 303201CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This elective course, designed for students interested in written and multimedia expression, includes a study of the various forms of poetry, fiction, nonfiction, and multimedia technology. Students will create portfolios of their own creative writing and experiment with various forms of expression. The course may culminate in the publication of a school-wide literary magazine. This course does not take the place of any required English course. PREREQUISITE: None

**Title:** AP Eng Lit/Comp

**Course Number:** 307005AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This college-level course is an in-depth study of various modes and genres in literature. Writing to the literature is a major emphasis with a focus on exposition, argumentation, and critical analysis. The literature studied involves close reading of literary works. All students enrolled must take the Advanced Placement English Literature and Composition Exam in May. Note: This course carries AP/IB GPA weighting. PREREQUISITE: Successful completion of at least two honors level English courses prior to attempting an AP course; Demonstrated ability to think critically ; Teacher recommendation; Commitment to the Advanced Placement workload and examination

**Title:** AP Eng Lang/Comp

**Course Number:** 307105AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This is a college-level course for those students who are highly competent in verbal skills. Language and composition will be explored in-depth through a close reading of nonfiction texts and essays. Writing tasks include analytical and critical essays as well as various other types of composition. Particular attention is given to rhetorical analysis and persuasive techniques. All students enrolled in this course must take the Advanced Placement English Language and Composition Exam in May. Note: This course carries AP/IB GPA weighting. PREREQUISITE: Successful completion of at least two honors level English courses prior to attempting an AP course; Demonstrated ability to think critically; Teacher recommendation; Commitment to the Advanced Placement workload and examination

## Math

**Title:** Algebra 3 CP

**Course Number:** 411305CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Algebra 3 focuses 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 a study of polynomial, rational, exponential, logarithmic, and trigonometric functions. Emphasis is on active participation through modeling, technology lab activities, group activities, and communication in mathematics. This course is designed for students who have taken Algebra 2 but who do not have a strong enough background to go directly into Precalculus CP. It is a bridge between Algebra 2 and Precalculus CP, including some of the culminating topics of Algebra 2 and some of the introductory topics of Precalculus CP. The course will be taught through the use of best practices and research-proven instructional strategies. The SCCCR mathematical process standards apply throughout the course. PREREQUISITE: Algebra 2 CP and Math teacher recommendation

**Title:** Algebra 1 CP

**Course Number:** 411400CW

**Unit Credit:** 1

**Grade Level:** 7 - 12

In Algebra 1 students develop fluency creating, interpreting, and translating between various forms of linear, quadratic, and exponential equations and functions. They will interpret functions graphically, numerically, symbolically, and verbally and use them to model real-world phenomenon. The SCCCR mathematical process standards apply throughout the course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful and logical subject. PREREQUISITE: Math 8, Math Teacher Recommendation

**Title:** Algebra 1 Hon

**Course Number:** 411402HW

**Unit Credit:** 1

**Grade Level:** 7 - 12

Algebra 1 Honors students will study all of the topics included in CP Algebra 1. They will also study additional topics including step functions, transformations of absolute value functions, factoring quartic expressions in quadratic form, translating a quadratic function into vertex form, and sequences as functions. The SCCCR mathematical process standards apply throughout the course and, along with content standards prescribe that students experience math as a coherent, useful, and logical subject. PREREQUISITE: Math 6/7/8, or Math 7/8, or Math 8; District Criteria; Math Teacher Recommendation

**Title:** Algebra 2 CP

**Course Number:** 411500CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

In Algebra 2 students extend their repertoire of functions to include polynomial, rational, and radical functions. Students expand their abilities to model real-world situations, including solving quadratic equations involving complex numbers and solving exponential equations by using logarithms. The Mathematical Practice Standards apply throughout the course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful and logical subject. PREREQUISITE: Alg 1 or Alg 1 A and Alg 1 B; Geometry; Math Teacher Recommendation

**Title:** Algebra 2 Hon

**Course Number:** 411502HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Algebra 2 Honors students study all topics included Algebra 2 CP. They also study additional topics including the Binomial Theorem, operations with complex numbers, graphs of rational functions, solutions of logarithmic equations, synthetic division of polynomials, function composition and inverses. The SCCCR mathematical process standards apply throughout the course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject. PREREQUISITE: Alg 1, Geometry; Math Teacher Recommendation

**Title:** Geometry CP

**Course Number:** 412200CW

**Unit Credit:** 1

**Grade Level:** 8 - 12

Geometry students study congruence and similarity through analyses of transformations and formal constructions. They also study the properties of triangles and quadrilaterals, the Pythagorean Theorem, special right triangles, and right-triangle trigonometry. Additional topics include circles, coordinate geometry, and area and volume of 2-and 3-dimensional shapes. Students develop formal proofs using a variety of formats. The SCCCR mathematical process standards apply throughout the course. PREREQUISITE: Algebra 1; Math Teacher Recommendation

**Title:** Geometry Hon

**Course Number:** 412202HW

**Unit Credit:** 1

**Grade Level:** 8 - 12

Geometry Honors students study all of the topics included in CP Geometry. Honors students will study additional topics including truth tables, triangle centers, Euler's line, Law of Sines, Law of Cosines, and Cavalieri's Principle. The SCCCR mathematical process standards apply throughout the course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. PREREQUISITE: Algebra 1; District Criteria; Math Teacher Recommendation

**Title:** Geometry (CR)

**Course Number:** 4122CRCW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Geometry Credit Recovery



**Title:** Pre-Calculus H

**Course Number:** 413103HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This honors-level 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. The course will include a study of polynomial, rational, exponential, logarithmic, and trigonometric functions. Emphasis is placed on active participation through modeling, technology lab activities, group activities, and communication in mathematics. Students are expected to use technology, including graphing calculators, computers, and data-gathering equipment throughout the course. Students will be required to work with more intensity, at a deeper level, and produce a wider range of more complex and difficult material. The SCCCR mathematical process standards apply throughout the course.

**PREREQUISITE:** Geometry Honors and Algebra 2 Honors or Geometry CP and Algebra 2 CP with Math teacher recommendation

**Title:** Precalculus CP

**Course Number:** 413105CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

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. The course will include a study of polynomial, rational, exponential, logarithmic, and trigonometric functions. Emphasis is placed on active participation through modeling, technology lab activities, group activities, and communication in mathematics. Students are expected to use technology, including graphing calculators, computers, and data-gathering equipment throughout the course. The SCCCR mathematical process standards apply throughout the course.

**PREREQUISITE:** Geometry CP, Algebra 2 CP, and Math teacher recommendation

**Title:** Prob and Stats CP

**Course Number:** 414105CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is a broad introduction to the concepts of probability and statistics. Topics will include probability; collection display, and analysis of data; permutations and combinations; binomial normal and t-distributions. The SCCCR mathematical process standards apply throughout the course. **PREREQUISITE:** Geometry CP and Algebra 2 CP

**Title:** AP Statistics

**Course Number:** 417105AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This is a college-level mathematics course for students who have been highly successful in Algebra 2. The purpose is to introduce students to the major concepts and tools of elementary statistics as they collect, analyze, and draw conclusions from data. Students will have extensive opportunities to explore data, plan studies, anticipate patterns, and use statistical inference. Students enrolled in the course are required to take the AP Statistics Exam in May. **PREREQUISITE:** Algebra 2 Honors or Algebra 2 with Math teacher recommendation

## Science

**Title:** Biology 1 H

**Course Number:** 322103HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This honors-level course encompasses interrelationships of living things, levels of biological organization, human biology, social implications, biochemistry, and genetics. Extensive laboratory work and problem-solving are essential components. Beginning with the 2010-2011 school year, the state required end-of-course test in Biology will be administered as the final exam for this class and the class will be required for graduation. The grade on the end-of-course test will count as 20% of the student's final grade. **PREREQUISITE:** Science teacher recommendation

**Title:** Biology 1 CP

**Course Number:** 322104CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course includes laboratory work and extensive study of specimens. Course content encompasses interrelationships of living things, levels of biological organization, human biology, social implications, biochemistry, and genetics. Beginning with the 2010-2011 school year, the state required end-of-course test in Biology will be administered as the final exam for this class and the class will be required for graduation. The grade on the end-of-course test will count as 20% of the student's final grade. **PREREQUISITE:** Science teacher recommendation

**Title:** Marine Science

**Course Number:** 322557CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course promotes an awareness of coastal and marine systems. This includes the physical and chemical properties living systems and interrelationships. This course provides opportunities for student participation in research, experimentation, dissection, field studies and decision-making. The South Carolina Commission on Higher Education accepts this course as a science course for college admission with the prerequisites of Biology 1 and Chemistry 1. PREREQUISITE: Biology 1, Chemistry 1, Science teacher recommendation

**Title:** Chemistry 1 H

**Course Number:** 323103HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is rigorous and demands a high level of abstract thinking, working with symbols, and application of knowledge to problem-solving. Students will study atomic structure, quantum mechanical theory, bonding, shapes of molecules, gases, thermochemistry, electrochemistry, oxidation reduction, nuclear chemistry, acids and bases. The course contains a major laboratory component. PREREQUISITE: Biology 1, Algebra 1 and Science teacher recommendation

**Title:** Chemistry 1 CP

**Course Number:** 323104CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is rigorous and demands a high level of abstract thinking, memorization, working with symbols, and application of knowledge to problem-solving. Student participation in laboratory activities is essential for success in this course. The course content includes organization of matter, chemical bonding, atomic structure, gases, states of matter, nomenclature, and skills development. PREREQUISITE: Biology 1, Algebra 1 and Science teacher recommendation

**Title:** Forensic Science

**Course Number:** 324501CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Forensic science is the application of basic biological, chemical and physical science principles and technological practices to the purposes of justice in the study of criminal and civil issues. Students will learn the methodology needed to evaluate a crime scene, the proper lab mechanics needed to evaluate evidence, and how to compare between a known and unknown. Students will learn how DNA, fingerprinting, and other forensic tests can be used to solve a crime. PREREQUISITE: Biology 1 and Chemistry 1 and Science teacher recommendation

**Title:** Forensic Science H

**Course Number:** 324503HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Forensic science is the application of basic biological, chemical and physical science principles and technological practices to the purposes of justice in the study of criminal and civil issues. Students will learn the methodology needed to evaluate a crime scene, the proper lab mechanics needed to evaluate evidence, and how to compare between a known and unknown. Students will learn how DNA, fingerprinting, and other forensic tests can be used to solve a crime. Students will conduct a greater number of laboratory tests, requiring extensive quantitative and qualitative skills. A project that summarizes all aspects of the class will be required for successful completion. PREREQUISITE: Biology 1, Chemistry 1, and Science teacher recommendation

**Title:** Astronomy

**Course Number:** 325101CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is designed for students who are interested in studying the dynamics of the universe and the history of the earth as a planet. It includes stellar evolution, planetology, laws of motion as applied to space flight, and planet motion and the history of space flight. PREREQUISITE: Biology 1 and Science teacher recommendation.

**Title:** Environ Studies CP (Lab)

**Course Number:** 326107CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is designed to promote an understanding of human impact on the environment. The course includes physical and chemical properties, living systems and interrelationships. The course provides opportunities for student participation, research, field testing, experimentation, and decision-making. The SC Commission on Higher Education accepts this course as a science course for college admission with the prerequisites of Biology 1. Please note the Commission on Higher Education considers this a rigorous, upper level course and not an introductory class. To provide students with the proper rigorous background needed in the class, the school district requires the pre-requisites of Biology 1. PREREQUISITE: Biology 1, Science teacher recommendation

**Title:** Anatomy & Physiology

**Course Number:** 326300CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is designed for those students interested in pursuing a career in a health field. Students will learn about human cells, tissues, organs and systems. PREREQUISITE: Biology 1, Chemistry 1, Science teacher recommendation

**Title:** Anatomy and Physiology (H)

**Course Number:** 326300HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is designed for those students interested in pursuing a career in a health field. Students will learn about human cells, tissues, organs and systems. PREREQUISITE: Biology 1, Chemistry 1, Science teacher recommendation

**Title:** Earth Science

**Course Number:** 326501CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This rigorous laboratory course is designed for students who are interested in studying the forces that are changing the earth. These forces include the study of effects of plate tectonics (such as earthquakes and volcanoes), erosion, and atmospheric forces. Students will also study the planets, star structure and evolution, constellations, and space flight. PREREQUISITE: Biology 1 and Science teacher recommendation

**Title:** Earth Science (H)

**Course Number:** 326501HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Earth Science is a rigorous laboratory course focusing on the study of space, and the geologic and atmospheric forces that shape our world. Through experimentation and investigation, students will explore the earth cycles including the geosphere, hydrosphere, and the atmosphere. Students will learn about scientific inquiry, geologic time, space exploration, the solar system and the universe. Students will use interactive experiences, higher order thinking, collaborative projects, and real world application through labs and a variety of assessments. Prerequisite: Biology 1 and Science teacher approval.

**Title:** AP Biology

**Course Number:** 327205AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is an in-depth study equivalent to college-freshman biology and includes: molecular and cellular biology, genetics, and evolution, organisms, population, and ecology. All students taking this course are required to take the AP Biology exam in May. PREREQUISITE: Biology 1 and Approval of AP Teacher

**Title:** AP Chemistry

**Course Number:** 327305AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is designed to be equivalent to college-freshman general chemistry. Topics include: theoretical aspects of chemistry, structure of matter, kinetic theory of gases, chemical equilibria, chemical kinetics, electrochemistry, stoichiometry, and thermodynamics. There is strong emphasis on chemical calculations. Accuracy and speed problem-solving are stressed. All students taking this course are required to take the AP exam in May. PREREQUISITE: Chemistry 1 and approval of AP Teacher

**Title:** AP Physics C Mech

**Course Number:** 327505AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course gives a student a rigorous background in calculus-based college freshman level mechanics. Such a course is required for engineering students and some other types of science majors. While the course uses some calculus, it focuses heavily on topics taught in Algebra 2 and Pre-Calculus with heavy emphasis on vector analysis. Mathematical models are used to solve problems in mechanics. Students must take the AP Physics - C Mechanics Exam in May. PREREQUISITE: Physics 1, Calculus or Calculus concurrent and approval of AP Teacher ( Physics 1 prerequisite may be deferred at discretion of AP teacher)

**Title:** AP Environmental Sci

**Course Number:** 327705AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

The AP Environmental Science course provides students with the scientific principles, concepts, and methodologies required to understand the relationship of organisms in nature, to analyze environmental problems and to search for a solution for these problems. Students must take the AP Environmental Science Exam in May. PREREQUISITE: Biology 1 and Chemistry 1 recommended, Approval of AP Teacher

**Title:** AP Physics 1

**Course Number:** 328200AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is a rigorous study of freshman college-level physics. Traditional topics of Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound; and an introduction to electric circuits are addressed. Problem solving skills using algebra and trigonometry are emphasized. Application of theory in laboratory is also a major component. Students must take the AP Physics 1 exam in May. PREREQUISITE: Physics 1, Algebra 2 (or concurrent), and Approval of AP Teacher (Physics 1 prerequisite may be deferred at discretion of AP teacher)

## Social Studies

**Title:** Modern World History

**Course Number:** 330600CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

The course is designed to focus on the making of the modern world, beginning with the time period of 1300 to the present. Students will develop an understanding of how people and countries of the world have become increasingly interconnected. The course will focus on how the changes over the last 700 years including population growth, demand for resources, curiosity, and technology have converged to draw the distant corners of the world closer together. Students will learn through the lens of inquiry and historical thinking skills while applying History/Social Studies Literacy skills as they think critically about why and how people, ideas, and technology have made an impact on diverse groups of people. Note: This course is an elective and can only be taken ONE time. PREREQUISITE: Social Studies Teacher Recommendation

**Title:** Modern World History (H)

**Course Number:** 330600HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

The course is designed to focus on the making of the modern world, beginning with the time period of 1300 to the present. Students will develop an understanding of how people and countries of the world have become increasingly interconnected. The course will focus on how the changes over the last 700 years including population growth, demand for resources, curiosity, and technology have converged to draw the distant corners of the world closer together. Students will learn through the lens of inquiry and historical thinking skills while applying History/Social Studies Literacy skills as they think critically about why and how people, ideas, and technology have made an impact on diverse groups of people. Parallel readings, critical research, and authentic product and performance development will be a requirement. It is recommended students have Honors English placement. Note: This course is an elective and can only be taken ONE time. PREREQUISITE: Social Studies Teacher Recommendation

**Title:** Human Geography

**Course Number:** 330700CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Students will study Earth's human geography beginning with the use of maps and other geographic representations, geospatial technologies, and spatial thinking to understand and communicate geographic information. Students will examine patterns and processes of how human characteristics and activities vary across Earth's surface and how humans understand, use, and alter the surface of Earth. This course is organized systematically around the topics of population and migration geography, economic geography, cultural geography, political geography, and urban geography. Students will also learn to employ spatial concepts and landscape analysis to examine human patterns and processes and their environmental consequences. Note: This course is an elective and can only be taken ONE time. PREREQUISITE: Social Studies Teacher Recommendation

**Title:** Human Geography (H)

**Course Number:** 330700HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Students will study Earth's human geography beginning with the use of maps and other geographic representations, geospatial technologies, and spatial thinking to understand and communicate geographic information. Students will examine patterns and processes of how human characteristics and activities vary across Earth's surface and how humans understand, use, and alter the surface of Earth. This course is organized systematically around the topics of population and migration geography, economic geography, cultural geography, political geography, and urban geography. Students will also learn to employ spatial concepts and landscape analysis to examine human patterns and processes and their environmental consequences. Parallel readings, critical research, and authentic product and performance development will be a requirement. It is recommended students have Honors English placement. Note: This course is an elective and can only be taken ONE time. PREREQUISITE: Social Studies Teacher Recommendation

**Title:** Economics & Personal Finance

**Course Number:** 330800CH

**Unit Credit:** 0.5

**Grade Level:** 9 - 12

Students study economics and personal finance beginning with how humans address the fundamental problem of scarcity by making choices based on the existence of limited resources. Using the skills of the economist, students will use inquiry and critical thinking as they learn how rational decisions are made using marginal analysis, and that all choices are met with consequences. Students will investigate how personal financial decisions related to careers, spending, and short- and long-term goal setting impact one's standard of living and long-term financial well-being. In the domain of microeconomics, students will survey the impact of demand, supply, various market structures, and government policies have on market prices for goods, services, and wages for workers. Inquiry into macroeconomics involves observing trends in the economy at large and the policies that are undertaken to promote the economic well-being of a society. The study of economics and personal finance provides a basis for students to develop the skills necessary to live and thrive financially in the 21st century, and participate in society as active and informed decision-makers. Economics is required for graduation. PREREQUISITE: Social Studies teacher recommendation

**Title:** Economics & Personal Finance (H)

**Course Number:** 330800HH

**Unit Credit:** 0.5

**Grade Level:** 9 - 12

Students study economics and personal finance beginning with how humans address the fundamental problem of scarcity by making choices based on the existence of limited resources. Using the skills of the economist, students will use inquiry and critical thinking as they learn how rational decisions are made using marginal analysis, and that all choices are met with consequences. Students will investigate how personal financial decisions related to careers, spending, and short- and long-term goal setting impact one's standard of living and long-term financial well-being. In the domain of microeconomics, students will survey the impact of demand, supply, various market structures, and government policies have on market prices for goods, services, and wages for workers. Inquiry into macroeconomics involves observing trends in the economy at large and the policies that are undertaken to promote the economic well-being of a society. The study of economics and personal finance provides a basis for students to develop the skills necessary to live and thrive financially in the 21st century, and participate in society as active and informed decision-makers. At the honors level students will read supplementary materials and analyze, synthesize, and evaluate new information as they develop critical thinking skills. It is strongly recommended that students have Honors English placement. Economics is required for graduation. PREREQUISITE: Social Studies teacher recommendation

**Title:** US History & Constitution H

**Course Number:** 332003HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

In this course, students will learn about the foundation of the American Republic and the expansion and disunion of the United States. Students will investigate the impact of American industrialism and capitalism, including being drawn into world wars, on American politics and geopolitics. Through the lens of the Cold War, students will study the contemporary era including the age of technological development, increased civic participation, and political party realignment. Students will employ the skills of a historian to think critically as they use inquiry to explore the past and formulate their own interpretation of events. This course will entail a rigorous program of reading, research and writing. It is strongly recommended that students have Honors English placement. U.S. History is required for graduation. Students must take the state-required end-of-course U.S. History test as the final exam. It will count 20 percent of the final grade. PREREQUISITE: One social studies unit, Social Studies teacher recommendation

**Title:** US History & Constitution CP

**Course Number:** 332009CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

In this course, students will learn about the foundation of the American Republic and the expansion and disunion of the United States. Students will investigate the impact of American industrialism and capitalism, including being drawn into world wars, on American politics and geopolitics. Through the lens of the Cold War, students will study the contemporary era including the age of technological development, increased civic participation, and political party realignment. Students will employ the skills of a historian to think critically as they use inquiry to explore the past and formulate their own interpretation of events. U.S. History is required for graduation. Students must take the state-required end-of-course U.S. History test as the final exam. It will count 20 percent of the final grade. PREREQUISITE: One social studies unit, Social Studies teacher recommendation

**Title:** US Government CP

**Course Number:** 333007CH

**Unit Credit:** 0.5

**Grade Level:** 9 - 12

Students will study the historical and philosophical principles that led to the development of the American constitutional democracy and how those fundamental ideas have continued to sustain America's democratic society. Students will learn how various powers are granted and distributed among the different branches and levels of government, and how checks and balances prevent one branch from overpowering the others. Additionally, students will investigate how American political values are formed and how government functions through individual participation and policy making. In order to continue to thrive, a strong democracy relies on active participation by informed individuals dedicated to upholding the rule of law and individual rights. This course provides a basis for students to develop the skills necessary to live and thrive in America's constitutional democracy and participate in society as active and informed citizens. US Government is required for graduation. PREREQUISITE: Social Studies teacher recommendation

**Title:** US Government H

**Course Number:** 333014HH

**Unit Credit:** 0.5

**Grade Level:** 9 - 12

Students will study the historical and philosophical principles that led to the development of the American constitutional democracy and how those fundamental ideas have continued to sustain America's democratic society. Students will learn how various powers are granted and distributed among the different branches and levels of government, and how checks and balances prevent one branch from overpowering the others. Additionally, students will investigate how American political values are formed and how government functions through individual participation and policy making. In order to continue to thrive, a strong democracy relies on active participation by informed individuals dedicated to upholding the rule of law and individual rights. This course provides a basis for students to develop the skills necessary to live and thrive in America's constitutional democracy and participate in society as active and informed citizens. At the honors level students will read supplementary materials and analyze, synthesize, and evaluate new information as they develop critical thinking skills. It is strongly recommended that students have Honors English placement. U.S. Government is required for graduation. PREREQUISITE: Social Studies teacher recommendation

**Title:** Civics

**Course Number:** 333501CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

The goal of education in civics is informed, responsible participation in political life by competent citizens committed to the fundamental values and principles of American constitutional democracy. Students will apply the practice of inquiry-based learning and social studies literacy skills while thinking critically about their government's foundational principles and practices. Students will learn how to utilize historical thinking skills as they analyze, interpret, and evaluate primary and secondary sources. This course will equip students with the necessary foundational pre-requisite knowledge for the 11th grade course, US History and the Constitution, and the 12th grade course, US Government. NOTE: This course is an elective and can only be taken one time. PREREQUISITE: Social Studies teacher recommendation

**Title:** Law Education

**Course Number:** 333601CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This elective course involves a study of different types of law, their development, and their role in a democratic society. Emphasis will be placed on citizen rights and responsibilities, law enforcement, the judicial system, liberty, and justice. Topics include criminal law, juvenile justice, torts, consumer, family, and housing law, and individual rights and responsibilities. The course focuses on the interpretation of cases and law enforcement procedures.

**Title:** Psychology CP

**Course Number:** 334009CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Psychology is an elective survey course dedicated to the holistic study of behavior. Topics include the biological bases of behavior, the learning process, sensation and perception, motivation and personality, defense mechanisms, testing, human growth and development, abnormal psychology, and leading theorists in the field.

**Title:** Psychology H

**Course Number:** 334080HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Psychology is an elective survey course dedicated to the holistic study of behavior. Topics include the biological bases of behavior, the learning process, sensation and perception, motivation and personality, defense mechanisms, testing, human growth and development, abnormal psychology, and leading theorists in the field. At the honors level this course entails a rigorous program of reading, research, writing and analyzing based on supplemental resources and case studies. It is strongly recommended that students have Honors English placement.

**Title:** AP US History

**Course Number:** 337205AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This college-level course is designed to provide students with analytic skills and factual knowledge necessary to deal critically with the issues and materials in United States History. This course prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full year introductory courses. It is a survey course with extensive chronological coverage of a broad variety of topics in such special fields as economic, cultural, intellectual, and social history, in addition to political, constitutional, and diplomatic history. It is strongly recommended that students have Honors or AP English placement. Students are required to take the AP United States History exam in May. If taken in place of U.S. History or U.S. History Honors students must also take the state-required end-of-course test as the final exam. It will count 20% of the final grade. U.S. History is required for graduation. PREREQUISITE: Social Studies teacher recommendation

**Title:** AP US Government

**Course Number:** 337305AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This college-level course covers the following major content areas: constitutional underpinnings of United States government; political beliefs and behaviors; political parties, interest groups and mass media; institutions of national government, the Congress, the presidency, the bureaucracy, and the federal courts; public policy; and civil rights and civil liberties. It is strongly recommended that students have Honors or AP English placement and U.S. Government Honors as a prerequisite. Students are required to take the AP exam in May. PREREQUISITE: Social Studies teacher recommendation

**Title:** AP Macroeconomics

**Course Number:** 337405AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This college-level course covers basic economic concepts, measurement of economic performance, national income, and price determination, international economics, and growth. Students are required to take the AP examination. It is strongly recommended that students have Honors or AP English placement or Honors Algebra. This course meets the Economics requirement for graduation. PREREQUISITE: Social Studies teacher recommendation

**Title:** AP European History

**Course Number:** 337605AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

AP European History builds an understanding of the significant themes in modern European history and develops knowledge of Europe's role in world affairs. Beginning with the High Renaissance, this college-level course emphasizes intellectual and social as well as political history. Special emphasis will be placed on the writing and interpretations of historians. It is strongly recommended that students have Honors or AP English placement. Students are required to take the AP examination in May. PREREQUISITE: Social Studies teacher recommendation

**Title:** AP World History

**Course Number:** 337705AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This college-level course is designed to provide students with an in-depth understanding of the changes in global processes, human societies and their interaction throughout time. It focuses on the nature of changes and their consequences in international frameworks as well as comparisons among major societies. Although focused primarily on the past thousand years of the global experience, the course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage prior to 1000 AD. It is strongly recommended that students have Honors or AP English placement. Students are required to take the AP examination in May. This course may take the place of Global Studies 2 CP. PREREQUISITE: Social Studies teacher recommendation

**Title:** AP Human Geography

**Course Number:** 337905AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This college-level course is designed to allow students to study in depth the nature and perspectives of geography, population, cultural patterns and processes, political spatial organization, agricultural and rural land use, industrialization and economic development, and cities/urban land use. Students are required to take the AP exam in May. This course may take the place of Global Studies 1 or Global Studies 2. **PREREQUISITE:** Social Studies teacher recommendation

## Arts

**Title:** Art 1

**Course Number:** 350101CW

**Unit Credit:** 1

**Grade Level:** 7 - 12

This introductory course provides students with problem-solving experiences in two and three-dimensional media, stressing design elements (line, shape, form, value, color, space, and texture), and design principles, (proportion, emphasis, harmony/unity, balance, rhythm/movement, contrast repetition/ pattern, and variety). Emphasis is on the development of basic skills. **PREREQUISITE:** None

**Title:** Art 2

**Course Number:** 350201CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course provides students with two and three-dimensional design experiences and opportunities to apply these principles in individual artistic expressions. Drawing from observation and developing technical competency are emphasized. Periodic class critiques and the maintenance of a sketchbook and portfolio are required. Topics covered include but are not limited to portraiture, graphics, advertising, and display techniques. **PREREQUISITE:** Art 1 or another Visual Arts course

**Title:** Art 3

**Course Number:** 350301CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This is an advanced-level course for in-depth approaches to solving two and three-dimensional design problems. Emphasis is on the individual development of craftsmanship and personal expression. Advanced approaches to drawing are stressed. Other techniques and media explored may include but are not limited to painting, printmaking, design, mixed media, ceramics, and sculpture. **PREREQUISITE:** Art 2 and Instructor approval

**Title:** Art 4 H

**Course Number:** 350403HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This advanced art course emphasizes individualized exploration of specific art problems. The course content is contractual and meets the interests and needs of individual students. A sketchbook and periodic critiques are required. Students develop and maintain professional quality portfolios. This course prepares students for Advanced Placement studio courses. Media and techniques explored may include but are not limited to painting, printmaking, design, mixed media, ceramics, and sculpture. Students in this course will be required to work with more intensity, at a deeper level, and produce a wider range of more difficult and complex material. **PREREQUISITE:** Art 3 H and Instructor approval

**Title:** Art Appreciation 1

**Course Number:** 351101CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is a study of the major trends, styles and periods in the history of art. Emphasis is on an understanding and appreciation of various art forms the accomplishments of artists from the past and present and the socio-cultural influences that shape art in society. This course is for the highly motivated student. Art Museum and other Field trips guest lectures, demonstrations, and studio encounters may be included. **PREREQUISITE:** None

**Title:** AP Art History

**Course Number:** 357105AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This college-level course in the history of art for highly motivated students is to (1) introduce students to the understanding and enjoyment of works of arts (2) develop students' ability to examine critically works of art (3) acquaint students with the major forms of artistic expression and (4) engender an understanding of art in a cultural and historical framework. Students taking this course are required to take the AP Art History examination in May. **PREREQUISITE:** Teacher recommendation



**Title:** Theatre 1

**Course Number:** 452101CW

**Unit Credit:** 1

**Grade Level:** 8 - 12

In this course students will develop basic skills and techniques of set design, acting, and directing and will participate in all aspects of a production. Intense study of a variety of plays and dramatic forms will be included. Students may be required to attend plays as assigned by the teacher/director. PREREQUISITE: None

**Title:** Theatre 2

**Course Number:** 452201CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course will enable students to study the history of theater and to participate in discussions and performances representative of various periods and styles of theatre. The emphasis will be on the development of techniques of acting, set design, and construction, and creation of costumes. PREREQUISITE: Drama 1

**Title:** Art: Graphic Design

**Course Number:** 455400CW

**Unit Credit:** 1

**Grade Level:** 8 - 12

This course provides students with two and three dimensional design and typographical experiences relating to visual communication. Students will learn the history of the field of graphic design. Students will create hands-on art work and do original writing for course projects. The computer is just one of the tools used in this course. Emphasis is on design elements and principles in the production of graphics used to sell, educate, motivate, or inform. Students will conceive and develop original ideas, manipulate photocopied images, and incorporate computer graphics in their designs. PREREQUISITE: Art 2

**Title:** Art 2 Honors

**Course Number:** 459900HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Art 2 Honors will prepare the highly motivated art student for the rigor of upper level art classes (3H, 4H, AP Studio). Students will develop an understanding of visual arts concepts as they relate to the development of personal style. This course provides students a variety of in-depth two and three-dimensional design experiences. Students will apply these principles in individual artistic expressions. Advanced drawing from observation, participation in art exhibits, and technical competency are emphasized. Peer critiques and the regular maintenance of a sketchbook and portfolio are required. The pace is accelerated and expectations in problem-solving, application of techniques, and craftsmanship are high. The portfolio of work expected at the end of the Art 2 Honors course should exhibit growth and development of a personal style.

**Title:** Digital Media Arts

**Course Number:** 459906CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is an introduction to computer software and skills used in the business of the arts for visual arts students. Each technology exercise will include two-dimensional design exercises with specific formal design problems to be solved. Content will include learning to create an exhibit poster, a digital portfolio, a CD cover, and other digital presentations of artwork. PREREQUISITE: None

**Title:** Art 1 Honors

**Course Number:** 459999HW

**Unit Credit:** 1

**Grade Level:** 8 - 12

Art I Honors is an advanced study of the elements and principles of art that integrates a study of art history and art criticism while building on a student's art knowledge and skills. Each assignment relates to movements or artists from art history and is a problem-solving exercise that explores various mediums and ideas. Through personal exploration of mediums, individual research, working through visual problems in a sketchbook, and creating works as both individuals and as teams, students will enhance their abilities in strong composition, techniques, and processes as they build a portfolio that exhibits growth within their work.

## Foreign Language

**Title:** French 1 CP

**Course Number:** 361107CW

**Unit Credit:** 1

**Grade Level:** 7 - 12

This course prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the novice high to intermediate low range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of other cultures. In addition, students develop insight into their own language and culture.

PREREQUISITES: None

**Title:** French 2 CP

**Course Number:** 361207CW

**Unit Credit:** 1

**Grade Level:** 8 - 12

This course prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the novice high to intermediate low range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of other cultures. In addition, students develop insight into their own language and culture.

PREREQUISITES: Successful completion of French 1

**Title:** French 2 (H)

**Course Number:** 361207HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

French II Honors prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the novice high to intermediate low range on the ACTFL Proficiency scale? interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas? and understand the relationship among the products, practices and perspectives of other cultures. In addition, students develop insight into their own language and culture.

**Title:** French 3 H

**Course Number:** 361303HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the intermediate mid to high range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of other cultures. In addition, students develop insight into their own language and culture. PREREQUISITES: Successful completion of French 2 CP and teacher recommendation

**Title:** French 3 CP

**Course Number:** 361307CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the intermediate mid to high on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of other cultures. In addition, students develop insight into their own language and culture. PREREQUISITES: Successful completion of French 2

**Title:** French 4 H

**Course Number:** 361403HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the intermediate mid to high range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of other cultures. In addition, students develop insight into their own language and culture. PREREQUISITES: Successful completion of French 3 Honors and teacher recommendation

**Title:** Spanish 1 CP

**Course Number:** 365107CW

**Unit Credit:** 1

**Grade Level:** 7 - 12

This course prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the novice high to intermediate low range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of other cultures. In addition, students develop insight into their own language and culture.

**PREREQUISITES:** None

**Title:** Spanish 2 CP

**Course Number:** 365207CW

**Unit Credit:** 1

**Grade Level:** 8 - 12

This course prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the novice high to intermediate low range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of other cultures. In addition, students develop insight into their own language and culture.

**PREREQUISITES:** Successful completion of Spanish 1

**Title:** Spanish 2 Honors

**Course Number:** 365274HW

**Unit Credit:** 1

**Grade Level:** 8 - 12

Spanish 2 Honors prepares students to perform interpersonal, interpretive and presentational communicative tasks within the novice high to intermediate low range on the ACTFL Proficiency scale; interpret, exchange, and present information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of other cultures. In addition, students develop insight into their own language and culture.

**Title:** Spanish 3 H

**Course Number:** 365303HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the intermediate mid to high range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of other cultures. In addition, students develop insight into their own language and culture. **PREREQUISITES:** Successful completion of Spanish 2 CP and teacher recommendation

**Title:** Spanish 3 CP

**Course Number:** 365307CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the intermediate mid to high on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of other cultures. In addition, students develop insight into their own language and culture. **PREREQUISITES:** Successful completion of Spanish 2

**Title:** Spanish 4 H

**Course Number:** 365403HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the intermediate mid to high range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of other cultures. In addition, students develop insight into their own language and culture. **PREREQUISITES:** Successful completion of Spanish 3 Honors and teacher recommendation

**Title:** Spanish 4 CP

**Course Number:** 365407CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the intermediate high range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of other cultures. In addition, students develop insight into their own language and culture. PREREQUISITES: Successful completion of Spanish 3

**Title:** AP French Language

**Course Number:** 367105AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the intermediate high to advanced low range on the ACTFL Proficiency scale. Students in the AP Language and Culture course demonstrate an understanding of the culture(s), incorporate interdisciplinary topics (Connections), make comparisons between the native language and the target language and between cultures (Comparisons), and use the target language in real-life settings (Communities). Students are required to take the corresponding AP exam in May. PREREQUISITE: Successful completion of German 4 Honors and teacher recommendation ; IB schools refer to IB Matriculation Chart

**Title:** AP Spanish Language

**Course Number:** 367505AW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the intermediate high to advanced low range on the ACTFL Proficiency scale. Students in the AP Language and Culture course demonstrate an understanding of the culture(s), incorporate interdisciplinary topics (Connections), make comparisons between the native language and the target language and between cultures (Comparisons), and use the target language in real-life settings (Communities). Students are required to take the corresponding AP exam in May. PREREQUISITE: Successful completion of Spanish 4 Honors and teacher recommendation ; IB schools refer to IB Matriculation Chart

## Physical Education

**Title:** Physical Education 1

**Course Number:** 344101CW

**Unit Credit:** 1

**Grade Level:** 8 - 12

Physical Education 1 provides opportunities for students to become competent and proficient in two movement forms elected from a variety of choices (selected from: net/racket, target, team, outdoor pursuits, individual, and dance). Students will also be able to design and develop a personalized physical fitness program, participate regularly in health-enhancing physical activity beyond the physical education class, and meet the gender and age group health-related physical fitness standards. PE 1 is required for graduation. PREREQUISITE: None

**Title:** Leisure Sports/Act 1

**Course Number:** 3499A8CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This elective is designed to teach skills necessary to enjoy a lifetime of activity in sports that will enhance the student's health and personal fitness. This course does not take the place of the required PE 1 for graduation. PREREQUISITE: Physical Education 1

**Title:** Leisure Sports/Act 2

**Course Number:** 3499A9CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This elective course is a follow-up to Leisure Sports and Activities Level 1 for the student who wants to increase skills necessary to enjoy a lifetime of activity in sports that will enhance the student's health and personal fitness. This course does not take the place of the required PE 1 for graduation. PREREQUISITE: Leisure Sports 1

## Career and Technology

**Title:** Accounting1

**Course Number:** 500101CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

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. **PREREQUISITE:** Completion of Algebra 1 or equivalent and/or teacher recommendation

**Title:** Accounting 1 Honors

**Course Number:** 500101HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Honors Accounting I will prepare students for the rigor of college accounting. Students will develop an understanding of double-entry accounting. Topics covered include the following: accounting cycle, accounting systems, internal controls, multicolumn journals, receivables and payables, accruals and deferrals, inventory, fixed assets and depreciation, and financial statement preparation and analysis. Computerized accounting systems will be implemented for an up-to-date accounting experience. The pace is accelerated and expectations are higher. This course is highly recommended for motivated students planning to enter a college business program.

**Title:** Fundamentals of Computing

**Course Number:** 502305CW

**Unit Credit:** 1

**Grade Level:** 8 - 12

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

**Title:** Fundamentals of Web Page Design/Dev

**Course Number:** 503101CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

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

**Title:** Social Media Marketing

**Course Number:** 5034A1CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course introduces students to the current field of social media and prepares them to explore and create successful social media strategies for businesses. It gives students the knowledge, tools, and methods to use different social media tools and networks in a business environment.

**Title:** ComputerProgram1

**Course Number:** 505001CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course of study is designed to emphasize the fundamentals of computer programming. Topics include computer software, program design and development, and practical experience in programming, using modern, object-oriented languages. This course will meet the computer science requirement. **PREREQUISITE:** Any computer related course, Algebra 1 or equivalent, and/or teacher recommendation.

**Title:** ComputerProgram2

**Course Number:** 505101CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course of study is designed to emphasize the fundamentals of computer programming. Topics include computer software, program design and development, and practical experience in programming, using modern, object-oriented languages. This course will meet the computer science requirement. **PREREQUISITE:** Computer Program 1 using the same language

**Title:** Personal Finance

**Course Number:** 513101CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is designed to introduce the student to basic financial literacy skills which includes budgeting, obtaining credit, maintaining checking accounts, analyzing the basic elements of finance, computing payroll, recording business transactions, and applying computer operations to financial management. PREREQUISITE: None

**Title:** FoundationsAnimation

**Course Number:** 535001CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course teaches students how to model, animate and render with a focus on establishing a working knowledge of animation tools and techniques. The course builds a foundation for developing 3-D computer graphic, animation, modeling, deformations and character animation. Animated Computer Production examines the features of Macromedia's popular Flash software that is becoming the professional standard for producing high-impact websites using movie graphics and sound. Students create and modify movies using objects, graphics, sound, animation, and special effects. They also publish for the web. PREREQUISITE: High School computer science course

**Title:** Game Design & Development

**Course Number:** 535201CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

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

**Title:** Entrepreneurship

**Course Number:** 540001CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

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

**Title:** Entrepreneurship Honors

**Course Number:** 540001HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course helps students build a business from the ground up, experiencing all aspects of planning a new venture--from determining your personal vision to conducting a market analysis, to looking at start-up costs. Students will examine and rate their attributes in relation to successful entrepreneurial traits and evaluate a business concept against their personal vision--lifestyle, professional, and financial goals. Students will conduct research and assess venture opportunities and determine the feasibility of a business concept as compared to a model business. Students will compare and contrast legal structures before selecting an appropriate business organization and management infrastructure for your concept. Students will research a chosen product/service, analyze its relation to the industry and competition, and identify a target market. The course capstone project will be for students to create and present a business plan.

**Title:** Marketing

**Course Number:** 542101CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course introduces marketing concepts and examines the economic, marketing, and business fundamentals, in addition to the marketing functions of selling, promotion, and distribution. The standards listed are core standards and those standards reflecting the needs of the local business community. This is the basic course in the marketing curriculum and should be taken before the specialized courses.

PREREQUISITE: None

**Title:** DigitalMediaMktg

**Course Number:** 542200CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

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

**Title:** Advertising

**Course Number:** 547001CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course is designed to introduce the concepts of advertising, planning strategies, communication skills, and professional development. Course content includes budget development, media selection, design, and the preparation of ads for various media. **PREREQUISITE:** Marketing

**Title:** Medical Term

**Course Number:** 554001CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Medical terminology is designed to develop in the students a working knowledge of the language of medicine. Students acquire word-building skills by learning prefixes, suffixes, roots, and abbreviations. Utilizing a body systems approach, the student will define, interpret, and pronounce medical terms relating to structure and function, pathology, diagnosis, clinical procedures, and pharmacology. Common abbreviations applicable to each system will be interpreted. Knowledge of medical terminology enhances a student's ability to successfully secure employment or pursue advanced education in health science. **PREREQUISITE:** Tchr Rec

**Title:** Medical Terminology (H)

**Course Number:** 554097HW

**Unit Credit:** 1

**Grade Level:** 10 - 12

Medical terminology is designed to develop in the students a working knowledge of the language of medicine. Students acquire word-building skills by learning prefixes, suffixes, roots, and abbreviations. By relating terms to body systems, students identify proper uses of words in a medical environment. Knowledge of medical terminology enhances students' ability to successfully secure employment or pursue advanced education in health care. This course is offered only at a GCS career center. This course may count as honors credit if taken in sequence with other health science courses. See your counselor for more information. **PREREQUISITE:** None

**Title:** Health Science 1 Honors

**Course Number:** 555000HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Health Science 1 Honors will introduce students to healthcare history, careers, law and ethics, cultural diversity, healthcare language and math, infection control, professionalism, communication, basics of the organization of healthcare facilities, and types of healthcare insurance. Students will be introduced to "Standard Precautions" and learn about confidentiality through HIPAA. As students are guided through healthcare career exploration, they will discuss education levels, and requirements needed to be successful. Students will participate in a career project, and will hear from guest speakers in the healthcare field. Students will learn first-aid procedures and learn fire safety. The skills and knowledge that students learn in Health Science 1 honors serve to prepare them for future clinical experiences such as job shadowing or internships as they advance in the Health Science courses.

**Title:** Health Science 1

**Course Number:** 555088CW

**Unit Credit:** 1

**Grade Level:** 10 - 12

Health Science 1 is the first of four courses offered to students interested in pursuing a career in the healthcare field. During this first course students are introduced to healthcare history, careers, law and ethics, cultural diversity, healthcare language and math, infection control, professionalism, communication, basics of the organization of healthcare facilities, and personal health and lifestyle choices.

**Title:** Health Science 2

**Course Number:** 555189CW

**Unit Credit:** 1

**Grade Level:** 10 - 12

Health Science 2 applies the knowledge and skills that were learned in Health Science 1 while further challenging the students to learn more about the healthcare field. Health Science 2 will continue teaching in more detail, units of study that include advanced study of infection control. They will learn about iTransmission Based Precautions and become more familiar with OSHA, HIPPA, and the CDC. Students in Health Science 2 will learn how to take vital signs, record them and learn what the data means. Students will learn about the stages of life and Maslow's Hierarchy of needs. Students will learn how law and ethics are applied in the healthcare setting. This course will introduce students to basic patient care skills and medical terminology is incorporated throughout the lessons being taught. Basic Pharmacology is introduced and students will have an understanding of pharmacy math computations. Students will be certified in First Aid and CPR in this course. Students in this course should further their knowledge of healthcare careers and future goals by participating in a job shadowing experience. This course provides a foundation for further advancement in Health Science. It is recommended that students should score an 80% or higher in this course to advance to Health Science 3, or Clinical Study.

**Title:** Health Science 2 Honors

**Course Number:** 555195HW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Health Science 2 Honors applies the knowledge and skills that were learned in Health Science 1 while further challenging the students to learn more about the healthcare field. Health Science 2 Honors will continue teaching in more detail the units of study that include advanced study of infection control. They will learn about Transmission Based Precautions and become more familiar with OSHA, HIPPA, and the CDC. Students in Health Science 2 Hours will learn how to take vital signs, record them and learn what the data means. Students will learn how law and ethics are applied in the healthcare setting. This course will introduce students to basic patient care skills. Medical terminology, medical math and pharmacology are incorporated throughout the lessons being taught.

**Title:** SportsMedicine1

**Course Number:** 555501CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Sports Medicine 1 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. PREREQUISITE: Alg 1 or Alg I CP Part B and biology

**Title:** SportsMedicine2

**Course Number:** 555601CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Sports Medicine 2 emphasizes the assessment and rehabilitation of athletic injuries. Subject matter will include discussion of specific conditions and injuries that may be experienced by individuals participating in athletic activities. In addition, the use of appropriate therapeutic modalities and exercise in the care and rehabilitation of injuries will be examined. Advanced concepts related to the administrative aspects of the sports medicine program will also be covered in this course. PREREQUISITE: Sports Medicine 1

**Title:** Sports Nutrition

**Course Number:** 575901CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

This course enables students to examine the relationship between physical activity, proper nutrition, sports performance, and overall wellness. Students will learn not only how to prepare nutritious foods, but also what and why foods are needed for healthy lifestyles and peak performance. This course will also strengthen health promotion and disease prevention through increased knowledge of nutrition and physical activity. PREREQUISITE: None

**Title:** Child Development 1

**Course Number:** 580001CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Child Development 1 approaches the study of human growth and development from conception through age five. Within Child Development 1, the care and guidance of young children relative to the physical, social, emotional and mental developmental tasks are stressed. Efforts are made to incorporate guided observation and participation with young children and their parents in order to promote personal confidence in responding to young children. Competencies gained will prepare student to assume parental role and/or career involving the care and nurturing of the young. PREREQUISITE: None

**Title:** Fashion/Fabric/Design 1

**Course Number:** 580401CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Clothing and Textiles 1 is a course which involves the student in planned learning experiences to develop skills in clothing selection, coordination, maintenance and care, and repair. PREREQUISITE: None

**Title:** Foods & Nutrition 1

**Course Number:** 582401CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Students in Foods and Nutrition 1 will study the principles of nutrition and the relationship of nutrition to individual health, fitness and wellness. Teacher demonstrations and guided laboratory experiences will enable students to gain skills in food safety and sanitation, food storage, use of convenience and pre-packaged foods, healthy menu selection and some preparation. PREREQUISITE: None



**Title:** Foods & Nutrition 2

**Course Number:** 582501CW

**Unit Credit:** 1

**Grade Level:** 9 - 12

Foods and Nutrition 2 is for the student who has demonstrated proficiency in Level 1 and has a desire to pursue employment training in Culinary Arts. Managing and maximizing the food dollar and responsible consumer behavior; ethnic and multicultural foods; healthy meal planning, selection and preparation; basic preparation techniques; and utensil and equipment use and care will be stressed during guided instruction, independent study and laboratory experiences. PREREQUISITE: Foods & Nutrition 1