

CAREER PLANNING GUIDE Rising 9th Graders



**2017-2018
Wren High School**

905 Wren School Road, Piedmont, SC 29673

(864) 850-5900

asd1.schoolwires.com/wrhs/



Freshman Academy

Traditionally, ninth graders have had the most difficulty with academic, discipline, and transitional performance. Well-published research indicates students who do not find success in the ninth grade are much more likely to drop out of school. Our own data verifies this is true. In an effort to foster success in the ninth grade, Wren High School has implemented a Freshman Academy for all ninth grade students.

The Academy is based on a team concept of dedicated teachers to develop an integrated program of core academic studies and create a system that promotes success for every student on the team. The Academy team will ensure the transition from middle school is a smooth process taking into account the social, developmental, and academic progress and needs of each student. Academy students will operate on a schedule where they see their academic teachers every day as opposed to every other day like upperclassmen. Freshmen will take part in other activities specifically designed for them.

High school is bigger and often more impersonal than middle school. Students find themselves with greater responsibility, challenging coursework, and social and emotional challenges when transitioning to a new school. The Freshman Academy seeks to ease this process by providing support and encouragement in each area. Each team of freshmen will work closely with their four core academic teachers, a guidance counselor, and an administrator. Extensive tutoring will be used for those students who do not perform well academically. Every freshman will take a course called Academic Enhancement. This course includes self-awareness and study skills curriculum, service learning opportunities and tutoring in the four core academic subjects.

Parental involvement with the Freshman Academy is essential for its success. Teachers, guidance counselors, and administrators will stay in contact with parents concerning academic, discipline, and social development. Together, students, parents, and school officials can create a system of high standards and accepts no excuse for failure.

Seth D. Young
Director, Freshman Academy

Paige Dillard
Guidance Counselor, Freshman Academy

TABLE OF CONTENTS

<u>DESCRIPTION</u>	<u>PAGE</u>
State Requirements for High School Diploma	4
Two-Year College Requirements	4
Four-Year College Requirements	4
NCAA	5
Classification of Students	5
Registration	5
Uniform Grading Scale	6
Glossary and Frequently Asked Questions	8-9
Language Arts Course Descriptions	10
Mathematics Course Descriptions	10
Science Course Descriptions	11
Social Studies Course Descriptions	11
Business and Computer Tech Course Descriptions	11
Fine Arts Course Descriptions	12
P.E. and NJROTC Course Descriptions	12
Family, Consumer and Career Course Descriptions	13
Academic Electives Course Descriptions	13
Career Center Course Descriptions	14

PROGRAM OF STUDIES

PREPARING TODAY FOR THE CHALLENGES OF TOMORROW is the theme for our school. It projects a commitment to providing all students with the foundation needed for success in any career field. Regardless of your future plans, you will need a solid high school education and a realistic career plan. In most cases you will need to continue your education beyond high school. The time to begin thinking and preparing for your future career is **NOW**.

In order to emphasize the importance of career planning, we have organized the curriculum into 14 clusters of study and 28 majors.

Within each major are recommended courses for a four-year College Prep or a two-year College Prep focus. Four-year College Prep recommendations are for those careers which require a bachelor's degree or more. Two-year College Prep recommendations are for those careers which require specific occupational skills up to an associate's degree (two-year college degree). Either option is the "right" choice, depending upon YOUR career goals.

Each cluster lists career related requirements to help you select the BEST courses for the foundation, knowledge, and skills related to your career goals. Also listed are suggested electives which provide important experiences for a well-rounded high school education.

Before you begin selecting the courses you will take next year, please read the following section CAREFULLY!

STATE REQUIREMENTS FOR HIGH SCHOOL DIPLOMA

All students in South Carolina must earn the specified 24 units of High School Credit in addition to passing the Exit Exam. These 24 units also meet the requirements for entrance into a two-year college. However, students entering a two-year college are required to take the COMPASS to determine their English and mathematics placement at the two-year college.

Twenty-four units are required and are distributed as follows:

English	4 units
Mathematics	4 units
Science	3 units (Note: One unit of Biology is required)
Social Studies	1 unit
Government	1/2 unit
Economics	1/2 unit
US History	1 unit
Physical Education	1 unit (Note: 1 unit of ROTC may be substituted)
Computer Science	1 unit (Note: may include 0.5 unit of keyboarding)
Foreign Language or CATE course*	1 unit*
Electives	7 units

**While any unit of a foreign language or Career/Technology elective will satisfy the minimum graduation requirement, colleges have additional requirements for admission. Refer to the next section for those requirements.*

To be eligible to participate in graduation exercises, seniors must have completed all requirements for a South Carolina high school diploma/certificate and be within one unit of the required twenty-four needed.

Students are responsible for ensuring they have met all diploma requirements and/or college entrance requirements.

TWO-YEAR COLLEGE REQUIREMENTS

The requirements for admission to two-year colleges (such as Tri-County Tech and Greenville Tech) are the same as the State Requirements for a high school diploma. Students who plan to enter a two-year college prep students should take the COMPASS exam during 11th and/or 12th grade to prepare for the admissions process.

SPECIFIC FOUR-YEAR COLLEGE ENTRANCE REQUIREMENTS

English	4 units (college prep or above)
Mathematics	4 units to include the following: (1) Algebra 1 CP <u>or</u> MT 1 and MT 2 (2) Geometry (CP or H) (3) Common Core Algebra 2 (CP or H) (4) 4 th unit in math must be taken from: Pre-Calculus (CP or H); Calculus (CP or AP); Probability and Statistics (CP) or a dual-credit math course (MAT 120 or above).
Science	3 units of Laboratory Science that must include: (1) 1-unit of Biology (CP, H, AP) (2) 1-unit of Physics or Chemistry (CP, H, AP) (3) 1-unit of a lab science for which biology is a prerequisite (Note: Physical Science is <u>NOT</u> a lab science)
Social Studies	1 unit
Government	1/2 unit
Economics	1/2 unit
US History	1 unit
Foreign Language	2 units of the same foreign language for most colleges (Note: Clemson, College of Charleston, Furman and some out of state colleges require 3 units)
Physical Education	1 unit (Note: 1 unit of ROTC may be substituted)
Computer Science	1 unit
Electives: (specific)	
Fine Arts	1 Fine Arts unit (Drama 1 and 2, Chorus (all levels), Band (all levels), Orchestra, Art Foundations, Drawing 1 and 2, Painting 1 and 2, Art Honors)
Academic	1 Academic unit must be taken as an elective. (Note: Acceptable electives include: English, fine arts, foreign language, social science, humanities, laboratory science, or higher level math.)

NCAA

Students who wish to participate in NCAA Division I or II athletics after high school will need to be certified by the NCAA Eligibility Center. Students will also need to qualify academically. **Each Division requires that students take certain core classes which MUST be College-Prep level or higher and approved by NCAA.** To see a list of approved courses for Wren High School and other important information, please visit www.eligibilitycenter.org.

CLASSIFICATION OF STUDENTS

The minimum requirements for students' grade classifications are as follows:

Freshman	Mastery of the requirements at Grade 8 as specified in the promotion policy.
Sophomore	6 units including one unit of English and one unit of math
Junior	12 units including two units of English and two units of math
Senior	18 units including three units of English and three units of math

REGISTRATION

Wren High School uses an eight-period schedule. Each period is 90 minutes, and there are four periods each day. Seniors must take five credits, juniors must take a minimum of seven credits, and all other students must take eight credits each year. All students must take a full unit of English, math, science and social studies each year of high school. ***Requests made at CAPS are requests ONLY. Completed master schedule in the summer will determine whether these requests can be scheduled for the fall. A student may not drop or change a scheduled course that has been requested at the March CAPS conferences. Students who have registered for courses and become ineligible to take these courses because of failure are responsible for changing their registration. These students should check with the guidance department as soon as final grades are received. Withdrawing from a course will only be considered under extenuating circumstance and must be approved by the principal.***

UNIFORM GRADING POLICY

The Uniform Grading Policy mandates a numerical grading scale for grades 9-12 and a process for weighting courses. The grading scale is as follows:

A=90-100 B=80-89 C=70-79 D=60-69 F=59 and below

Each grade 62-100 has a different weight with Honors Courses being given an extra 0.5 weight and Advanced Placement Courses and Dual Enrollment given an extra 1.0 weight (see chart below). All Advanced courses, 8th grade **Common Core Algebra 1 CP** and **8th grade Honors English I** will be given honors weight.

If letter grades with no numerical averages are provided from a transferring school, the following conversion will apply:

A=95 B=85 C=75 D=65 F=50

SC STATE UNIFORM GRADING SCALE

10 Point Grading Scale

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

GLOSSARY

ADVANCED PLACEMENT (AP courses)

AP courses consist of college-level coursework that is made available to high school students. The courses are weighted above the Honors level on the SC Uniform Grading Scale. Depending upon the student's level of achievement on the AP exam, the student may receive college credit for the course. See career planning guide for available AP courses. For additional information, contact guidance.

CAREER AND TECHNOLOGY CENTER (CTC)

The CTC is located in Williamston and offers courses to students from high schools in Anderson 1 and 2. Courses are career-related and connect to students' majors and interests. Students must complete a registration form and be accepted by the CTC. Bus transportation is provided. See page 38 for a complete listing of courses. For additional information, contact guidance or the CTC.

CARNEGIE UNIT

A Carnegie unit is the amount of credit that is given to a credit bearing course towards a student's official transcript. A .5 course equates to half a Carnegie unit and a 1.0 course equates to a full unit. A student is required to have 24 Carnegie units to receive a high school diploma. Another name for a Carnegie unit is a credit. (Note that unit and credit can be used interchangeable.)

ACCUPLAER

The Accuplacer test is an untimed computerized test that is used to determine college and career readiness for students applying to a 2 year school and/or Dual Credit classes. This exam is mandatory for English and math placement at the two-year college. The test is typically administered during the fall on the high school's campus but may also be taken on the site of the two-year school. This is a mandatory test for juniors and seniors applying for Dual Credit courses.

CORE COURSES

English, math, science, and social studies courses are considered to be core courses.

CO-REQUISITE

A co-requisite is a course that must be taken at the same time as another course.

COURSE ABBREVIATIONS

AP= Advanced Placement (courses that prepare students to enter a 4 year college/university)

CP= College Preparatory (courses that prepare students to enter a 4 year college/university)

H= Honors (courses that prepare students to enter a 4 year college/university)

DUAL ENROLLMENT/DUAL CREDIT COURSES

Dual Credit courses that a student takes for both high school and college credit. The student will earn a grade that counts both towards his/her high school average and also for his/her college GPA. Students must qualify to take dual credit courses by meeting the minimum score on the Accuplacer exam that is required by the cooperating college.

GPA (Grade Point Average)

A GPA is a student's cumulative grade point average. The GPA is calculated when a student finishes a course. Any credit bearing course becomes a part of a student's GPA upon the completion of the course.

PREREQUISITE

A prerequisite is a course that must be completed before a student can enroll in a more advanced course or the next level of a course.

UNIFORM GRADING SCALE

The state-wide system used to determine GPA points. Honors, AP, and Dual Credit classes receive a different weighting scale than CP classes. See page 6 for a complete listing.

WITHDRAW FAILING

Students who drop a course without meeting certain requirements outlined in the district policy manual will be receive a grade of 50 for the course. This grade will appear on the student's transcript and be factored into the GPA.

Frequently Asked Questions

What is required to receive a high school diploma?

See page 4 of the course guide for a full listing of graduation requirements.

What is the process for dropping a course that is on a student's schedule?

The deadline for dropping a course is located on the CAPS form, and is typically shortly after the CAPS conference date. Students are not allowed to drop a course or request a schedule change after the deadline. Students with an extenuating circumstance that requires a review of a current schedule after the deadline should first make an appointment to meet with his counselor. The counselor will refer the student to meet with an administrator as necessary.

Can a student change his career major?

Yes, career majors are reviewed annually and can be changed based on the student's interests. Students can make these changes during Advisory with their homeroom teacher or by meeting with their counselor.

How does a student get into a CTC course?

Students are required to complete an application. Students will be selected by the CTC based on criteria established for each program of study.

Why are students required to complete an IGP? IGPs are required for all students as required by the Education and Economic Development Act. Beginning in middle school, students identify one of many available career pathways that provide direction on the types of courses students should take in high school. Students are not bound by their chosen pathway and may change it at any time. By finishing requirements for a given pathway, students can receive a certificate of completion when they graduate.

What is a lab science?

A lab science is a science course that requires students to complete lab work as a part of the curriculum. The SC Department of Education does not recognize physical science or lab science course, but it does count towards the science requirement for graduation.

Are there additional academic requirements for student athletes?

Student athletes should be aware of the required core academic classes that must CP level or higher **and** approved by NCAA. This information can be found at www.eligibilitycenter.org.

What are the Career Pathways?

Refer to the Career Pathways document for more information.

If a student is not currently in honors, can the student take honors the following year?

Yes, if the course is offered and the student is recommended by the current teacher or is waived into the course. Any prerequisites requirements for the course must also be satisfied.

Can a student be waived into an AP course?

It is with reservation that a student waives into an AP course. If requested, the students should follow the waiver process.

What is an AP lab and how does it connect to an AP course?

AP courses and labs (if applicable) are co-requisites. The lab is an extension of the AP course. The lab counts as a .5 elective credit; it is a semester long course. Typically, the AP course and AP lab are taught by the same instructor. The following AP courses do not have labs: AP English Literature, AP English Language, and AP Human Geography.

What is a Common Core Algebra 1 lab and how does it connect to the Common Core Algebra 1 course?

The Common Core Algebra 1 lab is an extension to the Common Core Algebra 1 course. The lab counts as a .5 elective credit and is a year-long course. Students taking PLTW are exempted from the lab.

Can my child take English I Honors or Algebra 1 Honors? Those courses are taught at Wren Middle School and are not course offerings at Wren High School. Each year, we look at each course to see what final grades are to determine if a student qualifies to move up (or down) in their level of course work. It is our goal for students to be in the most rigorous courses.

What is the difference between Algebra 1 and Foundations of Algebra? Algebra 1 completes the entire Algebra 1 curriculum in one school year and culminates in an End of Course exam that counts as 20% of the student's final grade. Foundations of Algebra is the first course in a two year sequence that divides the Algebra 1 curriculum over a longer period and incorporates additional math concepts. Students who take Foundations of Algebra will subsequently enroll in Intermediate Algebra the following year, which culminates in an End of Course exam.

Which courses qualify as Fine Arts units? Theater, Chorus (all levels), Band (all levels), Orchestra, Art Foundations, Drawing, Painting, Art Honors

How is it determined who gets into a class when there are limited seats for enrollment? Students are recommended by their current teachers for the next course based on academic performance and effort. All students are put entered into the computer scheduler based on the recommendations and elective choices (selected by students during Advisory). The computer generates a schedule that works the best to place the most students in each section with a priority placed on the required core academic courses.

Do I have to take a Foreign Language course in order to graduate? No, only students who plan to attend a 4 year college or university are required to take a foreign language.

What is the process for getting into a class that is not a student's schedule? There is a window of time in which schedule changes may be made. The deadlines are a part of the CAPS process and require a signature by the student and parent stating that they are in agreement. All changes must be requested before the deadline.

What is the process for taking a class for which a student did not receive a teacher's recommendation? The student and parent are required to meet with an administrator and/or counselor to discuss the change. This should be done before the deadline for advertised as part of the CAPS conferences. A waiver form is completed after the conference. If a student waives into a class, he/she will not be allowed to move back to the recommended course regardless of their academic performance. A waiver request is not guaranteed, and the school's administration can approve or deny any waiver. See guidance or an administrator for additional information.

English Courses

English I CP

302400CW

Prerequisite: None

Description: This basic survey English course covers a variety of topics from literature, grammar and composition. Students will comprehend and evaluate texts, and construct effective arguments that convey detailed or multifaceted information regarding these texts. Students will also independently discern an author or narrator's key points, request clarification of these points, and ask relevant questions to expand on the points. The students will build on others' ideas, articulate their own ideas, and confirm they have been understood. Without prompting, they will demonstrate command of standard English and acquire and use a wide-ranging vocabulary of content-specific terms as well as Greek and Latin roots. Students will compose various forms of written communication and will also write for a variety of purposes and audiences.

English III Honors

302600HW

Prerequisite: Grade of "B" or higher in English I Honors; Teacher Recommendation

Description: This English course focuses specifically on the development of America and its culture through its literature. Each period of American literature is analyzed based on the events of its historical time period. Students will comprehend and evaluate the reasoning and effectiveness of varied and complex texts, with a focus on seminal U.S. documents. Students will also interact with these and other texts by independently discerning an author or narrator's key points, by requesting clarification of these points, and asking relevant questions to expand on the points. Without prompting, they will demonstrate command of Standard English through both spoken and written communication and acquire and fluently use a wide-ranging vocabulary of content-specific terms as well as Greek and Latin roots. Students will compose various forms of written communication and will also write for a variety of purposes and audiences which will culminate with a research project. This course is taught at a faster pace than a non-honors course and covers standards more in-depth preparing students for subsequent honors courses.

Math Courses

Foundations of Algebra

411600CW

Prerequisite: Teacher Recommendation

Description: This course contains a major part of the Algebra I standards recommended by the state of South Carolina, as well as includes concepts from Algebra II and Probability & Statistics. Key concepts include: Quantities and Expressions; Function Theory; Linear Equations, Functions, and Inequalities; Rational Functions; Exponential Functions; and Probability.

Algebra 1 CP

411400CW

Prerequisite: Teacher Recommendation

Description: This course contains all Algebra I standards recommended by the state of South Carolina. Key concepts include: Quantities and Expressions; Function Theory; Linear Equations, Functions, and Inequalities; Polynomials; Quadratic Equations and Functions; and Exponential Functions. Mastery is required to receive credit. Students will take the SC Algebra I End-of-Course Exam which will count 20% of the final average.

Geometry Honors

412200HW

Prerequisite: Teacher Recommendation

Description: This course contains all Geometry standards recommended by the state of South Carolina. Key concepts include: Constructions, Transformations, and Coordinate Geometry; Reasoning and Proof; Lines and Angles; Triangles; Quadrilaterals and Other Polygons; Circles; and Three-Dimensional Figures.

Science Courses

Physical Science

321100CW

Prerequisite: None

Description: Physical Science CP is an introductory course in physics and chemistry. Course content includes lab activities and problem solving. Physical Science is a prerequisite for all other science courses.

Physical Science Honors

321100HW

Prerequisite: Teacher Recommendation

Description: Physical Science Honors is an introduction to physics and chemistry. This is an accelerated class intended for students who intend to take additional higher level courses in chemistry and physics. Emphasis will be placed on formulas, problem solving, and labs. Physical Science is a prerequisite for all other science courses.

Social Studies Courses

AP Human Geography

337900AW

Prerequisite: Grade of "A" in 8th Grade English 1 Honors and Social Studies; Teacher Recommendation

Description: The AP Human Geography course is equivalent to an introductory college-level course in human geography. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geography Standards (2012)

World Geography

331000CW

Prerequisite: None

Description: The focus of World Geography is the physical and cultural characteristics of Earth. The course is organized systematically around the topics of region, physical earth dynamics, population, culture, economic systems, urban systems, political systems, and the environment

Business and Computer Tech Courses

Digital Literacy

518100CH

Prerequisite: None (keyboarding proficiency strongly recommended)

Description: This course is designed to equip students with many of the needed computer skills to excel in a digital world. Student will be exposed to a broad range of computer technology from basic hardware/software to application and the internet.

Personal Finance

513100CH

Prerequisite: None (keyboarding proficiency strongly recommended)

Description: This course is designed to teach the basic fundamentals of goal setting and financial planning. Students will learn to perform basic banking procedures, as well as learn how to properly manage their money, their credit, and their resources by learning how to make wise purchasing and investment decisions. Students will study risk management and the importance of maintaining adequate insurance coverage for property, health, disability, and life.

Fine Arts Courses

Music Appreciation

356110CH

Prerequisite: None

Description: This course is designed to provide interested students with an opportunity to study music from an analytical approach. Students will learn to read music and analyze various music styles.

Chorus 1 (Semester)

354111CH

Prerequisite: None

Description: This course is offered to students who are interested in choral music. All types of music will be studied and performed.

Chorus 1 (Year)

354111CW

Band 1

353101CW

Prerequisite: Teacher Recommendation and Audition

Description: These classes cover all aspects of band performance including marching, concert, and drumline. Open to all students with a band background. After-school rehearsals and performances are required.

Orchestra/Strings 1

354111CW

Prerequisite: None

Description: This course is offered to students who are interested in choral music. All types of music will be studied and performed.

Art Foundations (Semester)

350100CH

Prerequisite: None

Description: This course is for students who have never taken a high school art class. Basic drawing skills, Elements and Principles of Design, Color Theory, and their relation to media will all be explored. This course is a prerequisite to all other art courses.

Theatre 1 (Semester)

452103CH

Prerequisite: None

This course is designed for students with a strong interest in the theatre. Students will learn communications and acting skills. Theatre history will be included.

Theatre 2 (Semester)

452202CH

P.E. & NJROTC

PE 1

344100CW

None

Description: This course is designed to meet the standards set for physical education by the State Department of Education. The personal fitness component and the health related fitness components are taught, along with the expectation and objectives of mastery of movement forms in individual, dual, and team sports. Students will learn to design their own personal fitness program, as well as, be encouraged to participate in fitness activities outside of class. One unit of P.E. or NJROTC is required for graduation.

NJROTC I

375100CW

Prerequisite: None

Description: The NJROTC program goals are to provide an opportunity for secondary school students to learn about the basic elements and requirements for national security and their personal obligations as American citizens to contribute toward national security. Goals of the program are to promote patriotism, develop informed and responsible citizens, promote habits of orderliness and precision, develop respect for constituted authority, develop a high degree of personal honor, self-reliance, individual discipline, and leadership. Successful completion of the four-year course of instruction makes the student eligible for ROTC scholarship consideration and possible nomination to a service Academy. To be eligible for membership in the NJROTC, each student must: (a) be a citizen of the U.S.; (b) be at least 14 years old; (c) be of good character and physically fit; (d) be approved by the Naval Science Instructor and the Principal. Uniforms are issued at no cost and are required to be worn at least once a week. Grooming standards, as set by Navy policy for the NJROTC Program, must be met. One unit of P.E. or NJROTC is required for graduation.

Family, Consumer and Career Courses

Family Life Management

5799M1CH

Prerequisite: None

Description: Family Life 1 Relationships guides students through the relationship process. Topics include decision making, communication, peer and family relationships, dating, engagement and marriage. Class projects include a wedding planning portfolio and participation in a mock wedding ceremony.

Family Life Relationships

5799R1CH

Prerequisite: None

Description: Family Life 2 Management stresses practical skills necessary to maintain a productive household. At the end of this course, students will be able to demonstrate the ability to manage family life roles and responsibilities effectively. Class activities include a budgeting project and guest lecturers on topics related to careers and job interviews.

Foods 1

5799F1CH

Prerequisite: None

Description: Students will gain knowledge and experiences in nutrition, food safety and sanitation, meal preparation, and etiquette along with information about food related careers. Teacher demonstrations and guided laboratory experiences will enable students to learn the preparation of a variety of foods. * Students in this course pay a small fee for lab supplies.

Food 2

5799F2CH

Prerequisite: Completion of Food 1

Description: An advanced program designed to teach responsible consumer behavior, multicultural foods, and healthy meal planning. Safety and sanitation will be stressed using guided instruction, independent study and laboratory experiences. Students will gain skills in the preparation of a variety of foods including yeast breads, meats, fruits and vegetables and pies. *Students in this course pay a small fee for lab supplies.

Housing and Home Design

579000CH

Prerequisite: None

Description: Explores the history of architecture and is recommended to students who are interested in home design. Projects include the completion of a scaled house plan drawing and the design of three rooms based on design principles and elements.

Academic Electives

Academic Enhancement 9

379939CW

Prerequisite: None

This course is required of all ninth grade students. This course serves as a transitional course from middle school to high school and is an integral component to the Freshman Academy. Teachers of the student's Freshman Academy team will teach the course. Study skills, test-taking skills, character building, and academic assistance will be provided in core academic areas. Students will also be involved in service projects in the community. NOTE: This course is counted as an elective unit only.

Law Education

333600CH

Prerequisite: None

This course provides basic political concepts including authority, power, responsibility, justice, democracy, and participation. Law Education is designed to investigate the realities of our legal system and how it functions in real-life situations, as well as, analyze the legal process. Students will be better prepared to participate intelligently in our legal system. Topics covered include civil and criminal law, substance abuse, school law, worker's rights, and responsibilities in the work place.

Current Events & Foreign Policy

333710CH

Prerequisite: None

Contemporary Issues is a course designed to examine current events and issues on the local, national and international levels. Students will scrutinize most major news events and focus on 2-3 events for further investigation of background and causes.

Creative Writing (Semester)

303201CH

Prerequisite: Completion of English 1; Teacher Recommendation

Students will analyze and evaluate established works of literature as well as write original works. Additionally, reading, selecting and editing student submissions will be culminated into a final product.

9th Grade Career Center Course

PROJECT LEAD THE WAY: ENGINEERING (HONORS CREDIT)

The nationally recognized program, Project Lead The Way, has developed a sequence of courses which, when combined with college preparatory mathematics and science courses in high school, introduces students to the scope, rigor and discipline of engineering and engineering technology prior to entering college. This is a program that will help students understand the field of engineering/engineering technology. Students use 3-D computer modeling software and explore various technology systems and manufacturing processes to learn how engineers and technicians use math, science and technology in an engineering problem solving process to benefit people. The program also includes concerns about social and political consequences of technological change. This program is highly recommended for those students planning to major in engineering. Students receive computer science credit for these classes. Students may receive college credit each year by passing a national exam.

Prerequisite: Must be enrolled in Algebra 1 CP or Geometry H when the course is taken

Courses:	Freshman Class:	Introduction to Engineering	2 units	605102HD
	Sophomore Classes:	Principles of Engineering	1 unit	605000HW
		Digital Electronics	1 unit	605200HW
	Junior/Senior Classes: (select 2)	Aerospace Engineering	1 unit	605600HW
		Biological Engineering	1 unit	605700HW
		Civil Engineering & Architecture	1 unit	605800HW
		Computer Integrated Manufacturing	1 unit	605300HW
		Computer Science Engineering	1 unit	609600HW
	Senior Class:	Engineering Design & Development (one other elective)	1 unit	605400HW