

2011-2012

Farmersville High School Course Guide

HIGH SCHOOL PROGRAM

TO THE STUDENT

This guide has been prepared to enable you to select your courses wisely during your high school career and to acquaint you with courses, prerequisites, graduation requirements and special programs. You should take time to read through the guide to familiarize yourself with the courses so that you can select those that are of interest to you and will meet graduation requirements.

Your counselor is ready to assist you in evaluating your four-year plan and the selection of future courses. She is also aware of those courses that satisfy the admission requirements of the different colleges and universities. Any question concerning a course should be brought to the attention of your counselor or a teacher in the department of the course in question.

GRADUATION REQUIREMENTS

Students who began grade 9 in the 2006-2007 school year or earlier shall complete a minimum of 25 units of credit and master all sections of the state-mandated examination to receive a high school diploma. Students who begin grade 9 in the 2007-2008 school year or later shall complete a minimum of 26 units of credit and master all sections of the state-mandated examination to receive a high school diploma. Graduation requirements are listed beginning on page 3. All units for graduation shall be earned in grades 8-12. All graduates are awarded the same type of diploma. The Academic Achievement Record (transcript), rather than the diploma, records individual accomplishments, achievements, and courses completed.

GRADE LEVEL CLASSIFICATION

Grade level classification will be based upon the number of credits successfully completed. Grade level classifications require the following earned credits:

10 th grade	6 credits
11 th grade	12 credits
12 th grade	18 credits

Classification is determined at the end of the year or summer school. Students must conform to the classification to participate in class activities or events.

THE TEXAS GRANT

The state of Texas will provide money for students who meet certain requirements to of to a state college/university. The TEXAS Grant will pay tuition and fees at a public college or university in Texas. (If a student attends a private, non-profit institution, the award will be based on tuition and fee costs at public universities.)

Students are eligible for a TEXAS Grant if they:

are a Texas resident

complete the Recommended High School Program or the Distinguished Achievement Program for graduation

are a recent graduate of a public or accredited private high school in Texas (to be used within 16 months of graduation from high school)

complete and submit the Free Application for Federal Student Aid (FAFSA) and it is determined that they have a financial need (Call 1-800-4-FED-AID or visit the website at www.fafsa.ed.gov)

apply to and are accepted by a non-profit Texas college or university of their choice

enroll at least ¾ time in an undergraduate degree or certification program

have not been convicted of a felony or a crime involving a controlled substance

The TEXAS Grant is renewable each year if students stay in college

up to 150 semester credit hours, or

up to six years

Students can learn ore about this program by calling the Texas Financial Aid Information Center at 1-877-782-7322 (toll-free) or by visiting the following website: www.CollegeforTexans.com.

NCAA GUIDELINES FOR COLLEGE-BOUND STUDENT ATHLETES

Division I Academic Eligibility Requirements

To be classified as a “qualifier,” students entering a Division I school are required to:

1. Graduate from high school
2. Successfully complete a core curriculum of at least 14 academic course units as follows:
 - a. English-4 years
 - b. Mathematics (two years of mathematics courses at the level of Algebra I and above)-2 years
 - c. Natural or physical science-2 years
 - d. Additional courses in English, mathematics, or natural or physical science-1 year
 - e. Social science-2 years
 - f. Additional academic courses (in any of the above areas or in foreign language, philosophy or non-doctrinal religion)-3 years
3. Have a core course grade point average (based on a maximum of 4.00) and a combined score on the SAT verbal and math sections or a sum score on the ACT based on the qualifier index scale.

Division II Academic Eligibility Requirements

To be classified as a “qualifier,” students entering a Division II school are required to:

1. Graduate from high school
2. Have a GPA of 2.000 (based on a maximum of 4.000) in a successfully completed core curriculum of at least 14 academic course units as follows:
 - a. English-3 years
 - b. Mathematics-2 years
 - c. Natural or physical science-2 years
 - d. Additional courses in English, mathematics, or natural or physical science-2 years
 - e. Social science-2 years
 - f. Additional academic courses (in any of the above areas or in foreign language, philosophy or non-doctrinal religion)-3 years
3. Have a combined score on the SAT verbal and math sections of 820 or a sum score on the ACT of 68.

See NCAA website for additional information (www.ncaa.org/eligibility/cbsa/academics.html).

Farmersville ISD Graduation Requirements

IMPORTANT NOTE: Students are required to complete the Farmersville ISD High School Program and are **strongly encouraged** to complete the State Recommended Program or the Distinguished Achievement Program.

Discipline	High School Program	Recommended High School Program	Distinguished Achievement Program
English I, II, III, IV (a)	4 English I-IV	4 English I-IV	4 English I-IV
Mathematics	3 Algebra I, Geometry & an additional math	4 Algebra I, Geometry, (Math Models), Algebra II, Precalculus	4 Algebra I, Geometry, Algebra II, Precalculus
Science	2 (b) Biology & IPC, Chemistry, or Physics	4 Biology, Chemistry, Physics, AP Biology or Anatomy/Phys	4 Biology, Chemistry, Physics, AP Biology or Anatomy/Phys
Social Studies	3 (b) World Geography <i>or</i> World History, U.S. History, Government, Economics	4 World Geography, World History, U.S. History, Government, Economics	4 World Geography, World History, U.S. History, Government, Economics
Languages other than English		2 Level I & II (in the same language)	3 Level I, II, & III (in the same language)
Physical Education	1	1	1
Fine Arts	1 Art, Band , Theater Arts, Dance	1 Art, Band , Theater Arts, Dance	1 Art, Band, Theater Arts, Dance
Communications Applications (Speech)	.5	.5	.5
Electives	10.5	5.5	4.5
Academic Elective	1 World History, World Geography, or any addition science course		
Total	26	26	26

- a. The fourth credit of English may be satisfied by enrollment in a college English course.
- b. One academic elective credit (in addition to other required credits) is required for the High School Program. Students may choose from World Geography, World History, or any approved science class.

Distinguished Achievement Program, in addition to course requirements, requires four advanced measures from the following:

- A score of 3 or above on the College Board Advanced Placement Exams
- A grade of 3.0 or higher on college credit courses, including Tech Prep and dual/concurrent credit courses.
- A score on PSAT that qualifies a student for recognition as a Commended Scholar or higher

Career Pathways

The *State Plan for Career and Technology Education* was developed to assist school districts in providing quality Career and Technology Education programs that prepare students for further education and eventual employment in a technology-intensive world. Students at Farmersville High School are therefore required to choose one of the following Career Pathways.



Agricultural Business Focus

Principles of Agriculture, Food & Natural Resources (9-12)
Livestock Production (10-12)
Agribusiness Management & Marketing (10-12)
Advanced Animal Science (11-12)



Agricultural Production Focus

Principles of Agriculture, Food & Natural Resources (9-12)
Professional Standards in Agribusiness (10-12)
Agribusiness Management & Marketing (10-12)
Advanced Plant & Soil Science (11-12)



Agriculture Mechanics & Fabrication Focus

Principles of Agriculture, Food & Natural Resources (9-12)
Agricultural Mechanics & Metal Technologies (10-12)
Agricultural Facilities Design & Fabrication (10-12)
Agricultural Power Systems (11-12)



Architecture & Interior Design Focus

Principles of Human Services (9-12)
Professional Communications (9-12)
Interior Design (10-12)
Architectural Design (11-12)



Animation & Multimedia Focus

Principles of Human Services (9-12)
Professional Communications (9-12)
Animation (10-12)
Digital and Interactive Media (10-12)



Business Communications & Information Focus

Principles of Human Services (9-12)
Professional Communications (9-12)
Business Information Management I (10-12)
Principles of Business, Marketing, and Finance (10-12)
Web Mastering (10-12)
Desktop Publishing (10-12)



Child Care & Education Focus

Principles of Human Services (9-12)
Professional Communications (9-12)
Child Development (11-12)
Child Guidance (11-12)
Instructional Practice in Education and Training (11-12)



Nutritional Services Focus

Principles of Human Services (9-12)
Professional Communications (9-12)
Lifetime Nutrition and Wellness (10-11)
Food Science (10-12)

Dual Credit, Advanced Placement, & Articulated Courses

Dual Credit Classes:

These classes are offered through Collin County Community College and are taught by professors from the college. Students receive both high school and college credit for these classes. The credit hours received from these classes will transfer to most colleges and universities depending upon the student's major.

Dual Credit English: English 4 (high school) and Composition and Rhetoric I & II-Engl 1301 & 1302 (6 college hours)

Dual Credit Government: U.S. Government (high school-1/2 cr.) and U.S. Government I (jrs & srs) & II (srs only)-Govt 2302 & 2302 (6 college hours)

Dual Credit Economics: Economics-Free Enterprise Systems (high school) and Microeconomics-Econ 2302 (3 college hours)

Dual Credit Algebra: Independent Study in Mathematics (high school) and College Algebra-Math 1314 (3 college hours)

Dual Credit Statistics: Independent Study in Mathematics (high school) and College Trigonometry-Math 1316 (3 college hours)

Advanced Placement Classes:

These classes are college level courses taught by Farmersville High School teachers. Collegeboard (the company that designs both the SAT test and AP tests) offers a test at the end of each course. If the student passes the test, they can receive college credit for that course.

AP Biology

AP U.S. History

AP Spanish IV

AP Computer Science

Articulated Classes:

These classes are taught by Farmersville High School teachers with approval and an articulation agreement with Collin County Community College. CCCCD offers an end-of-course exam in each of these classes and if students make an 85 or higher on the end-of-course exam, CCCCD will grant college credit for these courses. These credits are only recognized by CCCCD and may not transfer to another college or university.

Child Development

Child Guidance (2nd year Child Development)

Animation (formerly Digital Graphics)

All three of the above types of classes count as "advanced measures" toward the Distinguished Achievement diploma.

Texas Virtual School Network (TxVSN)

Texas Virtual School Network is offering on-line dual credit courses through several universities and colleges. Most of them are offered through UT Arlington. If you are interested in taking one of these courses you must make an appointment to meet with Mrs. Cooper *before* June 11, 2011. Be advised that these courses are *extremely* rigorous and they do count toward your gpa. You must meet all the prerequisites.

Prerequisites:

- a. 2200 on Math & ELA TAKS, writing subsection score of 3
- b. PSAT score of 107 with a minimum of 50 on CR & Math
- c. Passing score on TxVSN READi test (tests student's ability to be successful in an on-line course with limited instructor availability)

Course Offerings:

Spring 2010 Course Offerings were as follows:

ENGL 1301
ENGL 2326-American Literature
HIST 1301-American History
GOVT 2301
PSYC 1315
POLS 2312

Funding:

Currently, TEA (Texas Education Association) is picking up the cost of tuition for each course (as long as it is dual credit (which means they get hs credit and college credit), as long as it is taken during the regular school year-no summer school). If TEA stops funding the tuition, parents will have to pick up the cost of the tuition. TEA does not pay for books, so parents will incur any cost from textbooks.

Courses Offered

COURSE	GRADES	CREDITS
MATHEMATICS		
Algebra I Prerequisites: None Algebra 1 begins with a review of signed numbers and the properties of real numbers then proceeds to the study of equations, equalities and inequalities in one variable, exponents, polynomials and factoring. The course emphasizes basic algebraic reasoning processes by stressing the solution of practical word problems. At least one-third of the course deals with functions, graphing of linear equations, solutions of systems of equations, radicals, quadratics and algebraic fractions.	9	1
TAKS Math Prerequisites: Students who do not pass mathematics portion of TAKS test. This course is designed to offer students extra support and instructional time to develop and reinforce the math concepts and problem-solving skills needed to pass TAKS.	9-11	1 (local credit)
Geometry (Regular) Prerequisites: Algebra I Geometry is designed to develop an understanding of the basic structure of plane and space geometry, proficiency in demonstrating formal proofs and the ability to apply problem solving techniques to geometric situations. The goals of this course include the following: to develop deductive thinking, to gain insight into the construction of mathematical models, to prepare a foundation for further study of mathematics and to acquire a systematically organized body of geometric knowledge of physical space. Topics of triangles, polygons, similarity, congruence, parallels, coordinate geometry, circles, polyhedrons, areas and volumes are covered.	9-10	1
Geometry (Honors) Prerequisites: Algebra I in 8th grade and instructor recommendation This course is designed to develop an understanding of plane geometry, proficiency in demonstrating formal proofs and the ability to apply problem solving techniques to geometric models. More emphasis is placed on higher level thinking skills and independent thinking. Strong Algebra skills and excellent study habits are required.	9-10	1
Mathematical Models Prerequisites: Geometry (may be concurrent) This course continues the study of concepts examined in Algebra I and Geometry. Students will expand their understanding of graphical and geometric reasoning. Emphasis will be placed on reviewing those concepts necessary to be successful in college algebra, tech school, or vocational training. Modeling of real world situations will be included in the spring. Applications through models and problem solving will be an important part of the course.	11-12	1
Algebra II (Regular) Prerequisites: Geometry Algebra 2 continues the study from Algebra 1 of linear functions and inequalities. It includes the study of complex numbers as a mathematical system; the study of quadratic, exponential and logarithmic functions; and the study of conic sections.. Students who plan to attend a four-year college should take this course.	10-12	1

Algebra II (Honors)	10-12	1
Prerequisites: Honors Geometry & teacher recommendation		
Algebra 2 Honors covers the same topics as Algebra 2. This course emphasizes more complex problems, applications and higher level thinking skills. Students must apply for the course and be recommended through their Geometry and/or Algebra I teacher and meet all requirements. Students need strong aptitude scores in abstract reasoning and numerical ability. Students taking Algebra 2 Honors are expected to be highly motivated and have a desire to continue their math education through Calculus.		
Algebra 3	12	1
Prerequisites: Algebra 2		
Algebra 3 is a mathematics course that follows Algebra 1, Geometry, and Algebra 2. It builds on and extends what students have learned and covers other mathematics topics not typically taught in high school. The course helps students develop college and career skills such as collaboration, conducting research, and making presentations. This course is designed for students who need more experience with algebra before taking Pre-Calculus or College Algebra.		
Precalculus (Regular)	11-12	1
Prerequisites: Algebra II		
This course will extend topics previously covered in Algebra and Geometry. The course will take an analytic view of the structures of mathematics through the study of functions and the properties of limits and continuity. Trigonometry topics will be covered in the first semester of this course. Upon completion of BOTH semesters of this course, students will be prepared to enroll in Calculus.		
Precalculus (Honors)	11-12	1
Prerequisites: Honors Algebra II & teacher recommendation		
Honors Precalculus covers the same topics as Precalculus, however more emphasis is placed on theoretical demonstrations and broader applications. This course will extend topics previously covered in Algebra II and geometry. This course will take an analytic view of the structures of mathematics through the study of functions and the properties of limits and continuity. Trigonometry topics will be covered. Upon successful completion of this course students will be prepared to enroll in Calculus.		
Dual Credit Algebra through CCCCD (Fall)	12	½
Prerequisites: Precalculus, enrollment in CCCCD, meet score requirements on THEA or TAKS test to enroll in college courses		
This is a college level course. Students need a strong background in math. Due to the pace and cumulative nature of this course, regular attendance is essential.		
Dual Credit Trigonometry through CCCCD (Spring)	12	½
Prerequisites: Precalculus, enrollment in CCCCD, meet score requirements on THEA or TAKS test to enroll in college courses		
This is a college level course. Students need a strong background in math. Due to the pace and cumulative nature of this course, regular attendance is essential.		
Applied Math I-IV	9-12	1
Prerequisites: ARD Recommendation		

ENGLISH LANGUAGE ARTS CLASSES

All students must successfully complete a four-year program of English to meet minimum graduation requirements.

English I (Regular) 9 1

Prerequisite: None

Students in English I continue to increase and refine their communication skills. They are expected to plan, draft, and complete written compositions on a regular basis. Students edit their papers for clarity and the correct use of the conventions and mechanics of written English and revise for organization, coherence, and voice. They practice all forms of writing, with emphasis being placed on organizing and supporting logical arguments. English I students read extensively in multiple genres from world literature. They learn literary forms and terms associated with selections being read. Preparedness for the Exit Level TAKS is a goal of this course.

English I (Honors) 9 1

Prerequisites: Teacher recommendation

Students study language skills, and literary skills throughout the year. Students will read extensively both inside and outside class and literary analysis skills will be emphasized. A greater depth of study of the English language and more extensive and abundant practice in writing a variety of well-formed sentences and paragraphs supplement the study of literature.

English II (Regular) 10 1

Prerequisites: English I

Students in English II continue to increase and refine their communication skills. They are expected to plan, draft, and complete written compositions on a regular basis. Students edit their papers for clarity and the correct use of the conventions and mechanics of written English and revise for organization, coherence, and voice. They practice all forms of writing, with an emphasis on personal forms of writing, which may include a response to literature, a reflective essay, or an autobiographical narrative. English II students read extensively in multiple genres from world literature. They learn literary forms and terms associated with selections being read.

English II (Honors) 10 1

Prerequisites: Honors English I & teacher recommendation

Since the student enrolled in this course has already achieved a degree of fluency in writing clearly and effectively, the language and composition study during the year is supplemented with advanced composition study based upon literary themes. Students will read extensively both inside and outside class and literary analysis skills will be emphasized. Only students who have mastered minimal competencies of reading writing, as measured by TAKS, may enroll in this course.

English III (Regular) 11 1

Prerequisites: English I & II

Students in English III continue to increase and refine their communication skills. They are expected to plan, draft, and complete written compositions on a regular basis. Students edit their papers for clarity and the correct use of the conventions and mechanics of written English and revise for organization, coherence, and voice. They practice all forms of writing, with an emphasis on business forms of writing such as the report, the business memo, the narrative of a procedure, the summary or abstract, and the resume. English III students read extensively in multiple genres from world literature. They learn literary forms and terms associated with selections being read.

English III (Honors) 11 1

Prerequisites: English I & II Honors & teacher recommendation

The student experiences and in-depth study of American and other world literature and continues practice with advanced writing assignments. Students will develop skills in analyzing prose passages and poems. Students demonstrate their skill in composition by writing essays in various rhetorical modes. They write

critical or analytical essays based on given critical statements, poems, and prose passages. English III students read extensively in multiple genres from world literature.

English IV 12 1

Prerequisites: English I, II, & III

Students in English IV continue to increase and refine their communication skills. They are expected to plan, draft, and complete written compositions on a regular basis. Students edit their papers for clarity and the correct use of the conventions and mechanics of written English and revise for organization, coherence, and voice. In English IV, students are expected to write in a variety of forms, including business, personal, literary and persuasive texts. English IV students read extensively in multiple genres from British literature and other world literature. Students learn literary forms and terms associated with selections being read, and they interpret the possible influences of the historical context on a literary work.

Dual Credit English IV (Composition and Rhetoric) 12 1

Prerequisites: Honors English III, enrollment in CCCCD, teacher recommendation, meet score requirements on THEA or TAKS test to enroll in college courses

This course is taught at FHS during 0 hour (before school) by a CCCCD instructor.

Applied English I-IV 9-12 1

Prerequisites: ARD Recommendation

SCIENCE CLASSES

Integrated Physics and Chemistry (IPC) 9 1

Prerequisites: None

This course provides instruction that allows students to conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. This course integrates the disciplines of physics and chemistry in the following topics: motion, waves, energy transformation, properties of matter, changes in matter, and solution chemistry. This class is geared for Freshmen who scored poorly on the 8th grade Math TAKS test.

Biology 9-10 1

Prerequisites: None

Biology includes the study of cells, plant and animal processes, genetics and ecology through classroom and laboratory experience. The study develops scientific attitudes, skills in the use of the scientific method and relates the vast store of scientific knowledge to solving problems in today's world.

Chemistry (Regular) 10-11 1

Prerequisites: Biology & concurrent enrollment in Algebra II or Geometry

Chemistry is a study of matter and energy. The course includes the study of atomic structure, phases of matter, chemical periodicity, bonding, chemical reactions, nuclear chemistry and organic chemistry. Many of the concepts in this course require mathematical reasoning.

Chemistry (Honors) 10 1

Prerequisites: Biology, concurrent enrollment in Algebra II or Geometry, & teacher recommendation

This course includes all the concepts of Chemistry, but increases the challenge for those students with adequate mathematical background by providing additional opportunity for development of abstract reasoning and problem solving skills. This course is appropriate for motivated students considering further study in a science-related field.

Physics (Regular)	11-12	1
Prerequisites: Chemistry, Algebra II (may be taken concurrently)		
Physics is a sequential study of physical principles that govern the behavior of matter. It includes mechanics, thermodynamics, waves, sound, optics, electricity, and magnetism. This course emphasizes the understanding of physics concepts with the extensive use of mathematics and the development of problem-solving strategies. A strong math background is required.		
Physics (Honors)	11-12	1
Prerequisites: Chemistry, Algebra II (may be taken concurrently), & teacher recommendation		
Honors Physics is a more advanced study of physical principles that govern the behavior of matter. It includes mechanics, thermodynamics, waves, sound, optics, electricity and magnetism. In introducing fundamental physical concepts, emphasis will be placed on the use of mathematics and the development of problem solving strategies. A strong math background is necessary.		
Environmental Science	11-12	1
Prerequisites: Biology and either IPC or Chemistry & students who did not pass Science TAKS		
Environmental Science further explores the concepts introduced in Biology concerning organisms and their interaction with the environment. Current environmental problems (such as pollution, energy and extinction) are emphasized. Laboratory investigations and fieldwork are used to enhance understanding of these contemporary problems. This course is intended to help prepare 11 th and 12 th graders that failed the science portion of the 10 th or 11 th grade TAKS test for the exit level TAKS test.		
Anatomy and Physiology	12	1
Prerequisites: Biology, Chemistry, and Physics		
Physiology and Anatomy is a two-semester course offering students general exploratory and advanced activities in the structure and functions of the components of the human body. Students will practice the methods and techniques used by professional scientists in medical investigations, build a mature understanding of the relationship of the structure and function of human body components, and acquire a realization of the interrelationship of the body systems. This course is particularly recommended for students who expect to be laboratory technicians or work in the health field.		
Advanced Placement Biology	12	1
Prerequisites: Biology, Chemistry, and Physics & instructor recommendation		
A major goal of the course is to involve students in the activities and endeavors of science. They formulate hypotheses, design and conduct experiments, and interpret data. The course focuses on the process of scientific investigation. Students gain skills in investigation and apply those skills to in-depth studies of a few selected areas of biology. Considerable emphasis is placed on the role of science in society, the complex and extremely important interactions between science and the problems and decisions that citizens must make. This is a college-level course, and students taking this course will be prepared for the Advanced Placement test in this area.		

SOCIAL STUDIES

World Geography	9	1
Prerequisites: None		
The student will be introduced to the nature of geography. Analysis of physical characteristics and natural resources of various regions of the earth will be made with respect to the economic, social and cultural impact on the environment and resources. Students will also examine the uses and preservation of natural resources and physical environment.		

World History	10	1
Prerequisites: World Geography		
This course includes a survey of the history and the development of various cultures and civilizations from Ancient times through the 20th century with special emphasis on Western civilization. Students are given the opportunity to examine history as the study of people and how they have reacted to the social, economic, religious, political and geographical aspects of their world. Students are encouraged to compare and contrast various civilizations and time periods in view of these major themes.		
United States History	11	1
Prerequisites: World History		
United States History is a survey course that studies the United States from the post-Civil War period through the present. Students study the social, cultural, political and economic changes that took place in an America progressing from an agricultural nation to a position of world influence. Political policies from the “Square Deal” to the “New Deal” are presented to the students to compare and contrast with current domestic policies.		
AP United States History	11	1
Prerequisites: World History and instructor recommendation <i>(minimum of 8 students for class to make)</i>		
This course is designed to give students the opportunity to study the history and development of the United States in a more in-depth manner than regular United States History. Emphasis is placed on the political, cultural and social-economic history of the United States. Student will have the opportunity to take the Advanced Placement exam upon completion of the course. Extensive outside reading and writing will be required. Evaluation will include both objective and essay examinations. This course is based on college level expectations. Several hours of outside reading (<i>including a summer reading assignment</i>) and study per-chapter will be required.		
U.S. Government	12	$\frac{1}{2}$
Prerequisites: U.S. History		
This course is designed to trace the foundations of the United States system of government. Students will analyze the philosophies and individuals that formed our government. Students will develop higher learning skills through the use of computers, cooperative learning simulation, TV and other forms of technology. Basic fundamental principles of American Government will be stressed through study of the following history of political ideas that led to our form of Government, the U.S. Constitution, the three branches of government, political parties and the civic responsibilities of American citizens.		
Dual Credit U.S. Government I	11-12	$\frac{1}{2}$
Prerequisites: U.S. History, enrollment in CCCCD, teacher recommendation, meet score requirements on THEA or TAKS test to enroll in college courses		
This course is taught at FHS during 0 hour (before school) by a CCCCD instructor.		
Dual Credit U.S. Government II	12	$\frac{1}{2}$
Prerequisites: Dual Credit Government I		
This course is taught at FHS during 0 hour by a CCCCD instructor.		
Economics	12	$\frac{1}{2}$
Prerequisites: U.S. History		
This course provides an overview of the United States economic system and is divided into seven overlapping segments. Segment one deals with basic concepts in economics. Segment two includes basic characteristics of the market economy and segment three deals with the benefits of the market. Segment four looks at government involvement within the U.S. economy while segment five compares the economic systems of socialism and communism to the capitalistic system. Segment six concentrates on the role of the American economy as compared to the		

world market. Segment seven overviews specific skills necessary to be a prudent economic consumer. Samples of topics discussed within the seven areas include the following: scarcity, allocation of resources, functions of the market, law of supply and demand, consumer sovereignty, circular flow of resources, federal reserve system, government regulation, redistribution of income, investing and the use of savings and credit.

Dual Credit Economics 12 ½
Prerequisites: U.S. History, enrollment in CCCC, teacher recommendation, meet score requirements on THEA or TAKS test to enroll in college courses
This course is taught at FHS during 0 hour (before school) by a CCCC instructor.

Psychology 11-12 ½
Prerequisites: World History
Psychology focuses on elements of individual psychology such as personality theories and disorders, normal and abnormal behavior, learning, emotions and motivations, and human growth and development. It is designed to help students develop a better understanding of human behavior.

Sociology 11-12 ½
Prerequisites: World History
Sociology introduces students to the science and art of human relations and helps them understand the structure of society and their role in it. The course includes a study of the major problems facing our society so that students might become intelligent and responsible citizens with an aroused interest in the major trends and problems of American society.

Special Topics in Social Studies:
The History of the Bible-Old Testament (Fall) 11-12 ½
Prerequisites: World History
This course will familiarize students with the contents and history of the Old Testament. Students will also learn the customs and cultures of the peoples and societies recorded in the Old Testament as well as the influence of the Bible on law, history, government, literature, art, music, and morals. This class will count as an elective credit.

The History of the Bible-New Testament (Spring) 11-12 ½
Prerequisites: World History
This course will familiarize students with the contents and history of the New Testament. Students will also learn the customs and cultures of the peoples and societies recorded in the New Testament as well as the influence of the Bible on law, history, government, literature, art, music, and morals. This class will count as an elective credit.

COMPUTER & BUSINESS CLASSES

Advanced Placement Computer Science 10-12 1
Prerequisite: Recommendation from current computer teacher (Ms. Truemper or Mr. Sullivan)
This course is designed to prepare students for the Advanced Placement test for Computer Science. Emphasis is on advanced programming techniques, algorithms, data types and structures, numerical algorithms, applications of computing, and computer systems. Course availability is dependant on instructor availability.

Web Mastering 9-12 1
Prerequisite: None
This course focuses on the casual web author. Students learn HTML code, study the principles of web design, learn the basics of image enhancement software, and use web-developing software programs to create and maintain web sites each semester.

Animation	9-12	1 (<i>under review for articulation</i>)
Prerequisites: None		
Students learn in-depth image enhancement using Photoshop and Illustrator software. They learn basic animation technology using Flash software. Students create many projects using various media and skills.		
Multimedia	9-12	1
Prerequisites: None		
This course develops knowledge and skills in the use of computers for multimedia presentations and digital animation. This hands-on course allows students to create, edit, and produce multimedia presentations that use images, video, and audio resources to deliver a message.		
Advertising	10-12	$\frac{1}{2}$
Prerequisites: None		
Everybody recognizes the NIKE "Swoosh" and McDonald's "golden arches." In Advertising, students will take a walk through the "ad biz" and learn to create advertisements with style. Students learn to appreciate the skills needed to secure market information, develop budgets, price advertising services, and evaluate promotional campaigns.		
Principles of Business, Marketing, & Finance	10-12	$\frac{1}{2}$
Prerequisites: None		
Introduction to Business introduces students to the role of business in the lives of individuals, consumers, workers, and citizens. Students explore the government's role in business, technology in business settings, and law and ethics in business issues. Students examine consumer issues and develop an awareness of the job market and opportunities including entrepreneurial pursuits, and understanding the workplace and workforce.		
Digital & Interactive Media (formerly BIMM)	10-12	$\frac{1}{2}$
Prerequisites: None		
Through the study of digital and interactive media and its application in information technology, students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students enhance reading, writing, computing, communication, and critical thinking and apply them to the information technology environment.		
Humanities I	10-12	$\frac{1}{2}$
Prerequisites: None		
Humanities is a course which offers students a historical study of the commonalities of the fine arts, including literature, the visual arts, architecture, music, dance, religion, and ethics. In addition to the humanities content, students engage in a variety of activities designed to develop higher order thinking skills in the context of reading, research, writing, and speaking.		

FINE ARTS CLASSES

Art I	9-12	1
Prerequisites: None		
This two semester course serves as a survey course in which students produce a variety of artworks in various two and three-dimensional media. Students explore the historical and cultural contexts in which many artworks are created. Students also analyze and evaluate artwork on the basis of the elements and principles of design.		

Art II	10-12	1
Prerequisites: Art I & Instructor Approval		
Students produce media specific designs using basic techniques in relation to historical and cultural contents. Students analyze artwork using the elements and principles of design.		
Art III	11-12	1
Prerequisites: Art II & Instructor Approval		
Students produce media specific designs using basic techniques in relation to historical and cultural contents. Students analyze artwork using the elements and principles of design.		
Theater Arts	9-12	1
Prerequisites: None		
This course of study is designed as an introductory survey in the fundamentals of theater production, including the role of the actor in the interpretation of dramatic literature, the development of the physical theater, theater history and dramatic literature. The student is also involved in the physical and mental processes of learning to act with emphasis on interpretation, body movement, and characterization.		
Theater Arts 2	10-12	1
Prerequisites: Theater Arts 1 & Instructor Approval		
This course of study is designed to provide the student with knowledge of the actor's craft, the history and development of theatre as part of our cultural heritage, fine dramatic literature and the ability to evaluate dramatic experiences. The major emphasis of the course is on the extension of the student's knowledge of the principles of acting, comedic and dramatic theory, stagecraft, advanced movement and experience in scene work and/or play production.		
Dance I	9-12	1
Prerequisites: None		
This course will provide students with the fundamental skills and knowledge of dance as an art form and lifetime activity. The course will develop kinesthetic awareness, create aesthetic appreciation of various dance forms, and provide fitness opportunities for students. This class can also count as a fine arts credit.		
Drill Team (Dance 4)	9-12	1
Prerequisites: Instructor approval based on try-outs		
Drill Team is a full year course where students can earn physical education credit for the fall semester and fine arts or elective credit for the spring semester.		
Choir	9-12	1
Prerequisites: None		
Students of varying vocal and sight-reading skills may join this mixed choir. Students will develop vocal and sight-reading skills through the performance of a variety of styles of music. They will participate in concerts and competitions.		
Band I-IV	9-12	1
Prerequisites: None		
Band is a full year course consisting of two distinct semesters or "seasons." The fall semester is considered primarily the marching season while the spring semester is considered the concert season.		
Jazz Band I-IV	9-12	1
Prerequisites: Instructor Approval		
Jazz Band is a full year course focusing on jazz concert band.		

FOREIGN LANGUAGE CLASSES

Spanish I Prerequisites: None The beginning secondary course emphasizes communication, especially listening and speaking skills, in relevant contexts. Students are presented with opportunities to learn cultural customs and practices from the contexts of the activities.	9-12	1
Spanish II Prerequisites: Spanish I The course is the continuation of the basic Spanish program. This course broadens the student's ability to communicate in Spanish in a variety of contexts. Students will increase their knowledge of Hispanic culture, art, and history.	9-12	1
Spanish III Prerequisites: Spanish II This course continues the development of language skills for communication. It includes conversational situation, vocabulary development for reading and expression, and reasonable fluency both orally and in writing. Students will increase their knowledge of Hispanic culture, art, and history.	10-12	1
AP Spanish IV Prerequisites: Spanish III & Instructor Approval This course continues the AP program begun in Spanish III, developing and refining listening, comprehension, reading, and writing skills. In addition to textbooks, class materials include recordings, films, videos, newspapers, magazines, and fiction. At the end of the course, the student may take the AP Spanish Language exam for which 6-18 hours of college credit may be awarded.	11-12	1

PHYSICAL EDUCATION & HEALTH CLASSES

Physical Education Waivers-Physical education requirements for students enrolled in Career and Technology work-based programs, athletics, marching band (fall only), dance, may be waived or students may receive substitute credit. Students who are receiving substitute physical education credit shall begin/resume instruction in P.E. class if they withdraw from the substitute activity prior to satisfying the one and one-half (1 ½) credits requirement.

Elective Credit for Physical Education-A student may earn one-half (1/2) unit of elective physical education credit to count toward the total graduation units required by the Texas Education Agency. A student may take up to two (2) additional units of elective physical education for local credit only.

Physical Education Prerequisites: None Foundations of Personal Fitness should be taken as the first physical education course in high school. The basic purpose of this course is to motivate students to strive for lifetime personal fitness while emphasizing the health-related components of physical fitness. The knowledge and skills taught in this course include the process of becoming fit, achieving some degree of fitness within the class, and the concept of wellness.	9-12	½
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Health Prerequisites: None In Health, students develop skills that will make them health-literate adults. Students gain a deeper understanding of the knowledge and behaviors they can use to safeguard their health. Students are taught	9-12	½
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how to access accurate information for themselves and others to promote health. Students use problem-solving, research, goal-setting, and communications skills to protect their health and that of the community.

JOURNALISM

Photojournalism 9-12 ½

Prerequisites: None

In this course, students will begin with an introduction to the ethical and legal standards, which apply to all aspects of photojournalism. In creating visual representations for use in journalistic publications, students will study advanced printmaking, lighting techniques, subject arrangement, and task organization.

Journalism 9-12 ½

Prerequisites: None

This course is an introduction to all elements of journalism, including headline, article, and editorial writing, newspaper make-up, advertising, and salesmanship. In addition, the history of journalism and the significance of a free press are studied.

Newspaper 9-12 1

Prerequisites: None

This course is an introduction to newspaper production. Students will be involved in writing articles, taking photos and publishing the school newspaper.

Yearbook I-III 10-12 1

Prerequisites: Instructor Approval

This course involves the elements and process of magazine journalism, which are necessary to produce the school yearbook. Students with an interest in journalism will study fact gathering, interviewing, feature writing, journalistic ethics, layout, graphics and design, advertising techniques, and salesmanship. Cooperation and working together for a common goal are stressed.

SPEECH

Professional Communications 9-12 ½

Prerequisites: None

In this course, students develop the effective communication skills necessary for rapidly expanding technologies and changing social and corporate systems which demand that students send clear verbal messages, choose effective nonverbal behaviors, listen for desired results, and apply valid critical-thinking and problem-solving processes. Students enrolled in Communication Applications will be expected to identify, analyze, develop and evaluate communication skills needed for professional and social success in interpersonal situations, group interactions and personal and professional presentations. **Communication Application is the only course that meets the state's graduation requirement for speech).**

FAMILY AND CONSUMER SCIENCE

Principles of Human Services 9-12 ½

Prerequisites: None

This course will enable students to investigate careers in the human services career cluster, including counseling and mental health, early childhood development, family and community, interpersonal relationships and making appropriate choices, and personal care services.

Lifetime Nutrition and Wellness	10-12	1
Prerequisites: Principles of Human Services		
This laboratory course concentrates on nutrition, food choices, and food management skills for individuals and the family throughout the life cycle. Instruction addresses nutrition and food science from the perspective of food habits and wellness, menu planning, special dietary needs, food costs and budgeting, consumer food buying strategies, food safety and sanitation procedures, food labeling, and food handling, storage, and preparation practices. Meal etiquette, career options, and techniques for managing multiple family, community, and wage earner roles are part of the content. The impact of technology on food choices, preparation, and nutritional quality is addressed.		
Housing & Interior Design	10-12	½
Prerequisites: Principles of Human Services		
This laboratory course focuses on the management of family housing needs, housing and environment, and career preparation. Content includes types of housing, legal and financial aspects of housing, home safety and maintenance, space utilization, factors affecting housing choices, technology applications, and basic housing construction features, as well as basic architectural design and model construction. Other topics are interior and exterior environmental issues; impact of housing decisions on managing multiple family, community, and wage earner roles; career options; and housing trends for the future. This course involves a lot of drawing and basic computer skills. (Course may not be offered each year.)		
Child Development	11-12	1 (articulated)
Prerequisites: Instructor Approval		
This technical laboratory course is designed to focus on knowledge and skills related to the development, care, guidance, and protection of children. Instruction addresses the principles and procedures for promoting the physical, emotional, social, and intellectual development of young children, including those with special needs. Other topics include child nutrition, the impact of technology on children development and health, public policies affecting children, characteristics of quality child care, career options related to the care and education of children, and the management of multiple family, community, and family roles. Students will be assigned a “teacher” to work with twice a week to complete 16 hours of observation and assistance for the semester. Students must have a form of transportation to and from lab site locations on a bi-weekly basis. Teacher approval of course must be obtained before registering.		
Child Guidance (Child Development II)	12	1 (articulated)
Prerequisites: Child Development & Instructor Approval		
This technical laboratory course addresses the knowledge and skills related to child growth and guidance equipping students to develop positive relationships with children and effective caregiver skills. Students use these skills to promote the well-being and healthy development of children, strengthen a culturally diverse society, and pursue careers related to the care, guidance, and education of children, including those with special needs.		
Career Preparation 1-2	11-12	1-3
Prerequisites: Application and instructor approval		
This is a work-based course in which instruction develops essential knowledge and skills through classroom technical instruction and on-the-job training in an approved career and technology specific training area. Students will receive general employability skills and each student will have an individual training plan that will address their job specific knowledge and skills. Students may work in a variety of training areas including, agriculture, construction, transportation, medical, arts and communications, graphics, etc. Students who are permitted into the Co-Op program will be given specific information concerning those specifications. Applications must be obtained from the counselor or instructor and returned by a specified date. Those admitted will be notified. Only serious applications will be considered. Students must be a minimum of age 16 by the following school year to enroll in the Co-Op program. There is limited space in this class and priority will be given to seniors.		

AGRICULTURAL SCIENCES

***All students should begin their Agriscience classes with Principles of Agriculture and Natural Resources. This will ensure that each student has the background and basic comprehension needed to be successful in any Agriscience course they choose. All students participating in Agriscience courses are expected to conduct and SAEP (project program), maintain an SAE recordbook, and become members of FFA.**

Principles of Agriculture and Natural Resources	9-12	1
Prerequisites: None		
World Agricultural Science is designed to introduce students to global agriculture. The course includes the study of agricultural career development, leadership, communications and personal finance.		
Agricultural Mechanics & Metal Technologies	10-12	1
Prerequisites: Principles of Agriculture and Natural Resources		
Students will become familiar with basic theory and specialized skills related to agricultural mechanics. Skills will be developed in the areas of tool identification and safe use, carpentry, electricity, plumbing, masonry, fence building, painting, metal working, and welding processes. The selection and use of measuring and marking devices will also be studied.		
Livestock Production	10-12	1
Prerequisites: Principles of Agriculture and Natural Resources		
This comprehensive course is designed to prepare students for careers in food and fiber production systems. Instruction includes such topics as animal anatomy & physiology, animal genetics, reproduction & health of domestic animals, and nutritional requirements for ruminants & non-ruminants.		
Agricultural Mechanics II-Agribusiness	11-12	1
Prerequisites: completion of 4 semesters of Ag. Mechanics courses		
Agricultural Mechanics prepares students to select, operate, maintain, service and use power units, machinery, equipment, structures and utilities. Students focus on the planning and selection of materials, mechanical practices associated with irrigation, water management, irrigation systems, land measuring and leveling.		

PRINCETON HIGH SCHOOL CAREER TECH PROGRAM

***This program is at Princeton High School and a few Farmersville High School students will be allowed to attend. It is a 2 year program and therefore requires a 2-year commitment from each student accepted into the program and their parents. Students will have to fill out an application and be accepted into the program. Please pick up applications from Mrs. Cooper.**

Automotive Technology	11	3-6
Prerequisites: Application, interview and acceptance into program		
Automotive Technology includes advanced knowledge of the function, diagnosis, and service of the systems and components of engines. Instruction includes the repair and service of cooling, air, fuel, lubricating, electrical, ignition, and mechanical systems and small engine overhauls. In addition, the student will receive instruction in safety, academic, and leadership skills as well as career opportunities.		

Health Science	11-12	3-6
Prerequisites: Application, Interview, and acceptance into program		
This course includes skills related to the health care industry such as taking vital signs, body mechanics, medical terminology and other entry level skills. Course content relates to patient relationships, working environments, ethical and legal responsibilities. Varied health care occupations are explored to aid students in career selection and prepare them for future employment.		
Cosmetology	11	3-6
Prerequisites: Application, Interview, and acceptance into program		
Cosmetology provides students with the knowledge of technical information and manipulative skills to become a licensed hair dresser. A desire to work in a general or specialized field of cosmetology and to be a productive worker is needed. Cosmetology provides personal beauty services to customers in hair styling, bleaching, tinting, permanent waving, scalp and hair conditioning, facials, and manicures. Acceptance for the program shall be on the basis of the student's ability to meet State Board of Cosmetology requirements.		
Heating, Air Conditioning and Refrigeration Technology	11	3-6
Prerequisites: Application, Interview, and acceptance into program		
Upon successful completion of this course, the student should be able to identify the function of the basic components of an air-conditioning system. Topics will include heat laws, refrigerants, oils and refrigeration cycles of residential and light commercial systems. In the lab, students will design, assemble and operate a working refrigeration system. Competencies will include brazing, wiring, evacuating and charging a system.		