

Refugio High School



Course Catalog 2009-2010

INTRODUCTION

This Refugio High School Course Catalog 2009-2010 provides an overview of the academic programs and courses offered at Refugio High. For each course, the catalog provides a title, grade placement, credit values, prerequisites, and a brief description of the course content. Additional sections of the catalog contain a summary of academic opportunities, graduation requirements, grade classification requirements, and general information concerning credits. This catalog is designed for students, parents, counselors, and other school staff in planning each student's individual high school program.

Students and parents should work together to select a graduation plan and choose courses that satisfy the requirements of that plan. Factors to consider include:

- Future career plans**
- Interests, abilities, and values**
- Specific graduation program plan requirements**

In addition to completing all necessary coursework, students are also required to pass the English Language Arts, Math, Science, and Social Studies sections of the 11th Grade TAKS tests.

Along the way there are many opportunities for students struggling to meet the minimum requirements for graduation, students who are college-bound, and those gifted students who seek the challenge of advanced coursework. Refugio High School remains committed to helping every student maximize his or her potential.

Please feel free to contact our office with any and all questions and concerns. We look forward to helping you with your academic, career, and personal goals.

Thanks,

*Melissa Gonzales, Refugio High School Counselor
Cindy Wiginton, Refugio High School Registrar and Counselor's Secretary*

*******ACADEMIC INFORMATION*******

Academic Load

Students shall be enrolled in eight classes daily. Seniors must be enrolled in a minimum of six classes at all times.

Student Schedules

A master schedule of course offerings is designed to accommodate a maximum number of students' course requests with a minimum number of conflicts. Teaching assignments are made accordingly. Therefore, it is imperative that students give careful consideration to their course requests during pre-registration.

Once a student reports to school and receives his or her class schedule he or she is expected to follow these schedules for the entire year. Schedule changes will be considered only in the event of an inappropriate placement, a lack of prerequisites, an error in enrollment, or a scheduling conflict.

Students may request an adjustment to his or her schedule within the first ten school days of each semester. Schedule Request Forms are available in the counselor's office. A recommendation from the teacher, the effect on the student's graduation plan, and the student's potential for success will be considered in honoring a request. Additionally, class size and availability of seating will be considered

Credits

Credit for a course is determined on a semester by semester basis. A grade of 70 is required to meet the passing standard. In the event that a student earns a grade of 60-69 in one semester of a two-semester course, the student can recover the failing semester credit if the two semesters averaged together equal a 70 or greater.

Alternate methods of earning credit require PRIOR approval of the superintendent or his designee. Other than courses taken at Refugio High School, students who meet the required conditions may also earn credit in the following ways:

Correspondence Courses

These courses are self-paced and self-directed courses for high school credit. Most courses require the student to purchase a textbook. At the end of most courses, the student is required to take a final exam in a supervised

environment. The student has six months to complete the course. Prior to enrollment in a correspondence course, students should get approval from the superintendent or his designee. Students may earn a maximum of two state credits through correspondence coursework and may be enrolled in only one correspondence course at a time. Grades received through correspondence courses are not used in the calculation of GPA (Grade Point Average). All applicable tuition, fees, and books are the responsibility of the student. Further information and required paperwork is available in the counselor's office.

Credit By Exam

There are two types of Credit By Exam (CBE): CBE with prior instruction (this is for a student who has taken the course, but did not receive credit) and CBE without prior instruction (for a student who has not taken the course). Grades earned on these exams are not used to determine GPA or class rank. Prior approval from the superintendent or his designee is needed.

Credit Recovery

Credit recovery through self-paced computer instruction is available to students who have failed to receive credit for a completed course. This program requires self-discipline and self-motivation to complete and is typically offered outside of the regular school day. Seating is limited, therefore regular attendance and timely progress is required.

Summer School

Summer School is typically offered at Refugio High School for a limited number of courses. Information is made available through the counselor's office, and prior approval is needed. Grades earned in summer school are not used in calculation of grade point average or class rank.

Classification of Students

Grade classification will be determined at the beginning of each year and will remain the same throughout the school year regardless of credits earned during the fall semester. Classification is determined as follows:

0 - 4.5	Credits - Freshman
5 - 9.5	Credits - Sophomore
10 - 14.5	Credits - Junior
15+	Credits - Senior

Grade Point Average (GPA)

In determining rank and GPA, the following weighting procedure shall apply:

- 1. *Advanced Courses* - Grades in the advanced/weighted courses shall be multiplied by 1.1:**
- 2. *Regular Courses* - Grades in all courses not described above shall be multiplied by 1.0**
- 3. Grades received in physical education, athletics, band, summer school, credit recovery, or correspondence courses shall not be used in this determination.**

Advanced/Weighted Courses 2009-2010

ENGLISH

English I Honors

English II Honors

English III Advanced Placement (AP)

***Dual Credit – English 1301 and 1302(for English IV credit)**

MATHEMATICS

Algebra II Honors

Pre-Calculus

Calculus AB Advanced Placement (AP)

SCIENCE

Physics

Biology Advanced Placement

SOCIAL STUDIES

World Geography Honors

***Dual Credit – History 1301 and History 1302 (for US History credit)**

***Dual Credit – Government 2301 (for Government credit)**

***Dual Credit – Economics 2301 (for Economics credit)**

LANGUAGES OTHER THAN ENGLISH

Spanish III

COMPUTER APPLICATIONS

Computer Science I

Computer Science II

AP Computer Science AB

***Only those courses taken on the Refugio High School campus through Victoria College are weighted.**

Note: Although Advanced Placement, Honors, or college level courses are not required, these courses better prepare students for higher education. In addition, they have a tremendous impact on class rank. Students need sound advice and adequate academic preparation to successfully participate in these challenging academic courses.

Career and Technology (CATE) Coursework

Refugio ISD is committed to providing students with various opportunities for skill-development. Career and Technology (CATE) coursework is primarily offered in the following areas:

**Agriculture, Food and Natural Resources
Finance
Information Technology
Health Science**

Students have the opportunity to explore interests in those areas through elective coursework.

Career and Technology (CATE) and Technology Applications Courses 2009-2010

Career and Technology (CATE)

**Agriculture, Food and Natural Resources
Intro to World Agricultural Science and Technology
Applied Agricultural Science and Technology
Introduction to Agricultural Mechanics
Agricultural Structures Technology
Agricultural Metal Fabrication Technology
Animal Science
Agricultural Mechanics I
Wildlife and Recreation Management**

**Finance
Recordkeeping
Accounting I**

**Health Science
Anatomy and Physiology**

Information Technology

Business Computer Information Systems I

Business Computer Information Systems II

Business Image Management and Multimedia

Technology Applications

Multimedia

Computer Science I

Computer Science II

AP Computer Science

Earning College Credit in High School

Refugio High School students may earn college credit in high school through:

***Advanced Placement (AP) Coursework**

***Dual Credit Coursework**

***Tech-Prep Curriculum**

Advanced Placement (AP) Coursework

Courses with an AP designation are taught with an advanced curriculum that goes beyond facts and figures. The rich course material, classroom discussions, and demanding assignments typical of AP courses helps students develop the content mastery and critical thinking skills expected of college students. Participation in AP gives students the opportunity to earn college credit with successful completion of an end-of-course exam.

Dual Credit Courses

A high school junior or senior who has met college readiness standards as outlined by the Texas Higher Education Coordinating Board successfully completed the TAKS test may concurrently enroll in college courses for dual credit. These courses are taught by Victoria College instructors on the Refugio High School campus and earn both college and high school credit.

A student must have met the THEA requirements, or be exempt from the THEA test, prior to registration at college. THEA information may be found at www.thea.nesinc.com, and on page 8.

Students seeking dual credit must meet course prerequisites and have prior approval of the counselor and principal to earn high school credit.

Dual Credit coursework, if taken on the Refugio High School campus, is

included and weighted in the grade point average (gpa).

Students are encouraged to consult with college and/or universities regarding the transfer of coursework and degree requirements. Careful consideration should be given to the decision to take dual credit coursework as grades earned in these courses become a part of a student's permanent college transcript.

Tech-Prep Courses

In partnership with Victoria College and the Golden Crescent Tech-Prep Consortium, Refugio High School students can earn Victoria College credit towards technical degrees in areas such as Welding, Computer Information Systems, and Office Systems Technology. Students must enroll in specific Refugio High School courses, maintain an 80 or above average, receive a teacher recommendation, and complete an additional three hours of college credit at Victoria College for the credit to become a part of the transcript. For more information visit the counselor's office.

******* GRADUATION REQUIREMENTS*******

Students are required by state law to enroll in either the Recommended High School Program or the Distinguished Achievement program as he or she begins high school.

Permission to graduate under the Minimum High School Program must be agreed to in writing and signed by the student, student's parent (or other person standing in parental relation to the student), and the counselor or school administrator. With the passage of House Bill 3 and effective September 1, 2009 students must also be 16 years of age, have completed two credits in each of the core subject areas, or failed to be promoted to the 10th grade to be eligible for the minimum graduation program.

Students who receive Special Education services may graduate by successfully completing an Individual Education Plan.

Regardless of the course of study pursued, all high school graduates receive the same type of diploma. The Academic Achievement Record (transcript) describes in detail the program and achievement of the student. The stamp on the student's academic achievement record indicates the graduation plan completed.

A summary of graduation requirements can be found at the end of this

document.

In addition to the requirements listed, students graduating under the **DISTINGUISHED ACHIEVEMENT PROGRAM** must complete four advanced measures.

ADVANCED MEASURES FOR DISTINGUISHED ACHIEVEMENT PROGRAM

Standard for Approval of Requirements

- The measures must focus on demonstrated student performance at the college or professional level.
- Student performance on advanced measures must be assessed through an external review process.

Requirements

- A student must achieve *any combination of four of the following*

Test data:

- A score of three or above on The College Board Advanced-Placement examination
- A score of four or above on an International Baccalaureate examination
- A score on the Preliminary Scholastic Assessment (PSAT) that qualifies a student for recognition as a Commended Scholar or higher by the National Merit Scholarship Corporation; as part of the National Achievement Scholarship Program for Outstanding Negro Students of the National Merit Scholarship Corporation. The PSAT score may count for only one advanced measure regardless of the number of honors received by the student.

College courses:

- A grade of 3.0 or higher on courses that count for college credit, including tech prep programs.

Optional research/project

- Judged by a panel of professionals in the field that is focus of the project or
- Conducted under the direction of mentor(s) and report to an appropriate audience or
- Related to the required curriculum set forth in 19TA 74.1 (relating to Essential Knowledge and Skills);
- May not be used for more than two of the four advanced measures.

Testing Requirements for Graduation

TAKS

To receive a high school diploma in Texas, a student must complete all the necessary coursework for graduation and pass all parts of the 11th grade Texas Assessment of Knowledge and Skills (also called TAKS).

The exit level TAKS includes subject area tests in English Language Arts, Mathematics, Science, and Social Studies. The test is based on the Texas Essential Knowledge and Skills (TEKS), the curriculum that RHS teachers use in the classroom daily.

Students will have the opportunity to take the exit-level TAKS test in the spring of their junior year. If a student passes all four parts of the test his or her testing requirements are fulfilled. However, if a student does not pass one or more subject areas of the tests, he or she will have several opportunities to retake any and all areas of the exam needed to be mastered.

***** **CAREER PREPARATION*******

ASVAB

The ASVAB is a nationally-normed, multi-aptitude test battery that has been provided to high school since 1968. The ASVAB was developed by the U.S. Department of Defense and is designed to encourage students to increase their level of self-knowledge and to understand how that information is linked to occupational characteristics. The test is offered each fall to all Refugio High School juniors.

KUDER CAREER PLANNING SYSTEM

Refugio High School students are encouraged to actively explore career options through the Kuder Career Planning System. One of the first steps in this process is determining one's strengths, interests, and values through the Kuder assessments. In addition students are linked to college searches and scholarship searches based on their individual test results. Access to this system is available through the counselor's office.

CAREER DAY

Refugio High School hosts a county-wide Career Day each spring. This event

brings workers from many career fields to our campus for informational sessions related to job opportunities, educational requirements, and working conditions for various occupations. Students in grades 9-12 are encouraged to take advantage of this opportunity to learn more about their career options.

*******COLLEGE PREPARATION*******

College Day

Refugio High School juniors and seniors have the opportunity to meet with college, university, technical school, and military representatives at the annual College Day held in the fall of each school year. Typically approximately 30 institutions are represented at this event. Students are encouraged to seek information regarding available fields of study, ask questions about financial aid and scholarship opportunities, and arrange campus visits.

Testing

ACT/SAT

ACT and SAT are college entrance tests. College-bound students are strongly encouraged to take the ACT and/or SAT in the spring of their junior year. Students should check testing requirements at the college(s) of his or her choice. Further information regarding test dates and test registration is available in the counselor's office and at the following websites www.act.org and www.collegeboard.com. Students are responsible for registering for these exams; however assistance is available in the counselor's office as needed.

Students who receive free/reduced lunch may be eligible for a fee waiver to cover the cost of the exams. Fee waivers are available in the counselor's office.

PSAT/NMSQT

The PSAT/NMSQT is a preliminary SAT exam offered on the Refugio High School campus. This exam is a student's first official step on the road to college. It encourages students to start planning for life after high school by testing specific academic skills that ensure college success. It provides feedback necessary in the college-planning process, assists students in the college search process, and students who meet entry requirements may enter scholarship competitions available only to test-takers. Students register for this exam in the counselor's office. More information regarding

the PSAT/NMSQT can be found at www.collegeboard.com.

THEA Test

All college students must have taken the THEA test or an alternative test prior to enrollment at a Texas college or university unless they are pursuing a Level 1 certificate. Level I certificate students will take a local placement test at the college he or she plans to attend. THEA registration packets are available in the counselor's office. Additional THEA information may be found at www.thea.nesinc.com. It is important for students to check with the advising office at the chosen college or university about THEA requirements.

Students may be exempt from the THEA exam based on SAT, ACT, and/or TAKS scores.

Scholarships and Financial Aid

All Refugio High School seniors are encouraged to actively seek financial aid in the form of scholarships, federal and state governmental aid, student loans, and work study programs.

Throughout the school year the Counselor's Corner of the Refugio Independent School District website is an updated list of scholarship resources. In addition, a student must contact the financial aid office of the college or university the student plans to attend. There are many academic scholarships specific to particular institutions.

Students are encouraged to explore financial aid available at College Day held in the fall of each school year. In addition, a Financial Aid Night is held each February, and financial aid experts are available to assist students and parents in completed the Free Application for Federal Student Aid (FAFSA). For more information regarding this application, visit www.fafsa.ed.gov.

In addition, organizations and individuals within Refugio and Refugio County generously support thousands of dollars in local scholarships. The local scholarship process begins in March of each year. All seniors planning to attend a college, university, or technical school are encouraged to apply.

With all scholarships and financial aid, attention must be paid to due dates, and forms should be carefully completed.

NCAA Eligibility Clearinghouse

Prospective collegiate athletes should register with the NCAA Eligibility Clearinghouse during their junior year of high school.

Students are encouraged to familiarize themselves with the NCAA Core Curriculum, however following the Recommended or Distinguished Achievement Graduation Plans should fulfill NCAA requirements. In addition, these students should also send a copy of ACT and SAT scores to the Clearinghouse by entering the code of “9999” during the registration process.

Necessary information is available at www.ncaaclearinghouse.org.

Graduation Honors

Honor Graduates, Valedictorian, and Salutatorian

The graduating senior with the highest overall scholastic average in academic courses taken throughout his or her school career will be honored as the Valedictorian. The student with the second highest average will be the Salutatorian. To be eligible for these honors, a student must meet graduation requirements of the Recommended or Distinguished Achievement program, and maintain enrollment at Refugio High School for at least three years, including the year of graduation.

A student whose overall grade point average (GPA) is 93% or above will graduate Magna Cum Laude, and those with a GPA of 90-92% will graduate Cum Laude. To be eligible for these honors, a student must be enrolled at Refugio High School for a minimum of five consecutive six-week reporting periods immediately preceding the last six-week reporting period of the senior year and have met graduation requirements of the Recommended or Distinguished Achievement program. Any student recognized with these designations shall wear white graduation gowns.

Graduation Honors will be determined after the fifth six-week grading period of the senior year. The average of the fourth and fifth six-week grades of the senior year shall be used as the second semester grade for that year for these purposes.

4. All grade point averages shall be carried to three decimal places. Should a tie develop for the valedictorian, co-valedictorian shall be declared, and no salutatorian shall be recognized. Should a tie develop for the salutatorian

award, all those tying shall be recognized.

Early Graduation

The Texas Education Agency (TEA) created the Early High School Graduation Scholarship Program to increase efficiency in the Foundation School Program and provide tuition assistance to students completing grades 9 - 12 early; thus, enabling and encouraging the student to attend college in Texas. Students interested in graduating early should meet with the high school counselor as soon as possible after entering high school. For further information regarding scholarships available for students who graduate early, visit www.theccb.state.tx.us.

********COURSE DESCRIPTIONS********

Students are expected to take classes in sequential order as required by the regular school program.

Each course meets for one period per day and earns 1/2 credit per semester.

The District shall grant full credit to a student having a combined average of at least 70 for the two semesters of a one-credit course so long as neither semester average is lower than 60.

One-semester (1/2 credit) classes stand alone and require a 70 to earn credit.

A "W" next to the course name indicates that the course is weighted in computation of a student's grade point average(GPA). Semester grades earned in weighted courses are multiplied by 1.1 prior to GPA calculation.

ENGLISH LANGUAGE ARTS AND READING

All English Honors and AP courses (English I and II Honors, and English III AP) have two prerequisites. The student must maintain 85 or above average in the previous advanced English course and be recommended by the teacher for the next year's course.

If a student in a non-weighted English course wishes to change to an advanced course, that student must have a 90 average in the non-weighted course and be recommended by the teacher.

Students who do not meet these criteria may be allowed to enroll in the advanced courses, with the approval of the teacher and counselor, on a probationary basis.

ENGLISH I

Grade Level: 9 One Credit

Prerequisite: None

Covers the writing process, grammar, usage, and the mechanics of writing. Focuses on the writing of multi-paragraph compositions emphasizing the use of four basic modes for a variety of purposes. Integrates composition and language skills with the study of various types of literature: short stories, poetry, nonfiction, drama, and the novel.

ENGLISH I HONORS (W)

Grade Level: 9 One Credit

Prerequisite: 90 or above in 8th Grade ELA and teacher recommendation

English I Honors exceeds the English I course in content and depth of study. This course is designed to prepare students for college-level work.

ENGLISH II

Grade Level: 10 One Credit

Prerequisite: English I or English I Honors

Continues work on the communication process with emphasis on writing and oral presentations of informative and persuasive messages. Integrates reading comprehension and composition skills into a study of a variety of literary selections. Includes the study of various types of literature and current communications by American and foreign authors. Student will learn to become a more critical viewer/receiver of media information.

ENGLISH II HONORS (W)

Grade Level: 10 One Credit

Prerequisite: 85 or above in English I Honors or 90 or above in English I and teacher recommendation

English II Honors exceeds English II course in content and depth of study. This course is designed to prepare students for college-level work.

ENGLISH III

Grade Level: 11 One Credit

Prerequisite: English II or English II Honors

English III examines vocabulary, correct usage, writing, research, and reading skills related to American literature. Students will analyze, discuss, and understand the

development of American literature and become successful in correct communication skills and library research skills.

AP ENGLISH LANGUAGE AND COMPOSITION (W)

Grade Level: 11 One Credit

Prerequisite: 85 or above in English II Honors or 90 or above in English II and teacher recommendation

AP English Language and Composition exceeds the English III course in both content and depth of study. Emphasis is placed upon higher-level critical thinking skills. Students are given the opportunity to take the English Language AP test in May for possible college credit.

ENGLISH IV

Grade Level: 12 One Credit

Prerequisite: English III or AP English Language and Composition

Students will focus on major periods in British literary history to gain an understanding of how literature reflects our appreciation for those people who have contributed to the development of our language and civilization. Students will refine language and composition skills to correlate with the study of British literature, develop vocabulary and literary skills together with analysis of written and oral expression.

ENGLISH 1301 RHETORIC AND COMPOSITION (DUAL CREDIT) (W)

Grade Level: 12 One-half Credit

Prerequisite: English III, Admission to Victoria College

English 1301 is for seniors excelling in reading writing, and language skills. Emphasis on expository writing by analysis of essays. Compositions stress organization, content, style, and mechanical correctness. One essay will include cited work. EARNS ENGLISH IV, SEMESTER ONE CREDIT.

ENGLISH 1302 COMPOSITION, LITERATURE, AND RESEARCH (DUAL CREDIT) (W)

Grade Level: 12 One-half Credit

Prerequisite: English III, Admission to Victoria College

English 1301 is for seniors excelling in reading, writing, and language skills. Continued emphasis on good writing skills. Additional emphasis on genres of literature, formal vocabulary study, and library research skills. Written compositions, examinations, and research project required. EARNS ENGLISH IV, SEMESTER TWO CREDIT.

COMMUNICATION APPLICATIONS

Grade Level: 10-12 One-half Credit

Prerequisite: None

Students 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.

ENGLISH AS A SECOND LANGUAGE (ESL)

Grade Level: 9-12 One Credit (Local Credit Only)

Prerequisite: LPAC Placement

Students are provided support in the second language acquisition process. Students improve reading, writing, listening, and speaking skills in the English language.

READING I, II, III

Grade Level: 9-12 One Credit

Prerequisite: ARD or Intervention Placement

Reading I, II, III offers students instruction in word recognition and comprehension strategies and vocabulary to ensure that high school students have an opportunity to read with competence, confidence, and understanding. Students are given opportunities to locate information in varied sources, to read critically, to evaluate sources, and to draw supportable conclusions. Students learn how various texts are organized and how authors choose language for effect. All of these strategies are applied in texts that cross the subject fields.

MATHEMATICS

ALGEBRA I

Grade Level: 9-12 One Credit

Prerequisite: None

Algebra I provide a foundation for higher-level mathematics courses. It covers linear equations and inequalities, operations with exponents and polynomials, roots and radicals, and technology through use of scientific and graphing calculators.

GEOMETRY

Grade Level: 9-12 One Credit

Prerequisite: Algebra I

The class presents plane geometry as a structural system with formal geometric proofs. It also includes the study of right triangles, trigonometry, circles, areas, volumes, transformations, constructions, and coordinate geometry.

MATHEMATICAL MODELS WITH APPLICATIONS

Grade Level: 9-12 One Credit

Prerequisite: Algebra I & Geometry

Students use algebraic, graphical, and geometric reasoning to recognize patterns and structure, to model information, and to solve problems from various disciplines. Students use mathematical methods to model and solve real-life applied problems involving money, data, chance, patterns, music, design, and science.

ALGEBRA II

Grade Level: 10-12 One Credit

Prerequisite: Geometry and/or Math Models

The course develops advanced skills in algebraic operations. It examines systems of quadratic equations and the complex number system. Concepts of algebra and geometry are presented as they relate to linear, conic, polynomial, exponential, logarithmic, and trigonometric functions.

ALGEBRA II HONORS (W)

Grade Level: 10-12 One Credit

Prerequisite: Geometry and/or Math Models

Algebra II Honors exceeds the Algebra II course in content and depth of study. This course is designed to prepare students for college-level work. *Students who successfully completed Algebra I in the eighth grade should enroll in Algebra II Honors.*

PRE-CALCULUS (W)

Grade Level: 11-12 One Credit

Prerequisite: Algebra II (preferably Algebra II Honors)

Students use symbolic reasoning and analytical methods to represent mathematical situations, to express generalizations, and to study mathematical concepts and the relationships among them. Students also use functions as well as symbolic reasoning to represent and connect ideas in geometry, probability, statistics, trigonometry, and calculus and to model physical situations. Students use a variety of representations (concrete, numerical, algorithmic, graphical), tools, and technology to model functions and equations and solve real-life problems.

CALCULUS AB ADVANCED PLACEMENT (W)

Grade Level: 11-12 One Credit

Prerequisite: Pre-Calculus

An Advanced Placement (AP) course in calculus consists of a full high school academic year of work that is comparable to calculus courses in colleges and

universities. It is expected that students who take an AP course in calculus will seek college credit, college placement, or both, from institutions of higher learning. Students will be given the opportunity to take the Calculus AB AP test.

SPECIAL TOPICS IN MATHEMATICS

Grade Level: 11-12 One Credit

Prerequisite: Algebra II

An extension of skills and knowledge covered in Algebra II. This course satisfies the requirement for a fourth year of mathematics.

TAKS MATH 9, 10, 11, 12

Grade Level: 9-12 One Credit (Local Credit Only)

Prerequisite: Intervention Placement

An extension of skills and knowledge covered in high school mathematics. This course is designed to prepare student for the state assessment, or TAKS test.

INTEGRATED PHYSICS AND CHEMISTRY

Grade Level: 9 One credit

Prerequisite: None

Students 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 transformations, properties of matter, changes in matter, and solution chemistry.

BIOLOGY

Grade Level: 9-12 One Credit

Prerequisite: Integrated Physics & Chemistry or recommendation by 8th grade teacher

This course includes a study of living things by focusing on the cell and its structure and function; chemical processes of life; heredity of living things, history of life, ecology, and a survey of the plant and animal kingdom.

CHEMISTRY

Grade Level: 10-12 One Credit

Prerequisite: Algebra I and Biology

Includes a descriptive study of matter and energy, atomic structure, chemical formulas, equations, bonding, kinetic theory, matter, gas relationships. Emphasizes the practical applications of the chemical subject matter presented.

ENVIRONMENTAL SYSTEMS

Grade Level: 12 One Credit

Prerequisite: IPC or Biology

Students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include: biotic and abiotic factors in habitats; ecosystems and biomes; interrelationships among resources and an environmental system; sources and flow of energy through an environmental system; relationship between carrying capacity and changes in populations and ecosystems; and changes in environments.

BIOLOGY ADVANCED PLACEMENT (W)

Grade Level: 12 One Credit

Prerequisite: Biology

Primary emphasis in Advanced Placement Biology course is on developing an understanding of concepts rather than on memorizing terms and technical details.

Essential to this conceptual understanding are the following: personal experience in scientific inquiry; recognition of unifying themes that integrate the major topics of biology; and application of biological knowledge and critical thinking to environmental and social concerns. Students will be given the opportunity to take the Biology AP test in May.

PHYSICS HONORS (W)

Grade Level: 11-12 One Credit

Prerequisite: Pre-Calculus or currently enrolled in Pre-Calculus

Provides opportunities for the capable and highly motivated student. Includes the investigation of the areas of physics, relating to mechanics, heat, sound, light, electricity and magnetism, atomic physics, nuclear physics, and quantum optics. Emphasizes accurate measurement with quantitative experimental results treated mathematically.

ANATOMY AND PHYSIOLOGY OF HUMAN SYSTEMS

Grade Level: 12 One Credit

Prerequisite: Biology

Students conduct laboratory investigations and fieldwork, use scientific methods during investigations, and make informed decisions using critical thinking and problem solving. Topics will be presented through an integration of biology, chemistry, and physics. Students will study the structures and functions of the human body and body systems and will investigate the body's responses to forces, maintenance of homeostasis, electrical interactions, transport systems, and energy processes.

TAKS SCIENCE 9, 10, 11, 12

Grade Level: 9-12 One Credit

Prerequisite: Intervention Placement

An extension of skills and knowledge covered in high school science. This course is designed to prepare student for the state assessment, or TAKS test.

SOCIAL STUDIES

WORLD GEOGRAPHY

Grade Level: 9-12 One Credit

Prerequisite: None

Introduces the study of the location and character of the principal natural and man-made features of the earth. Familiarizes students with world patterns of population, occupancies, government, climate, landforms, natural resources, and routes of trade and travel. Includes specialized geographic data about countries, states, and regions. Enables students to interpret maps and graphs and to fit events into their proper geographic settings.

WORLD GEOGRAPHY HONORS (W)

Grade Level: 9 One Credit

Prerequisite: 8th Social Studies Teacher Recommendation

Introduces the study of the location and character of the principal natural and man-made features of the earth. Familiarizes students with world patterns of population, occupancies, government, climate, landforms, natural resources, and routes of trade and travel. Includes specialized geographic data about countries, states, and regions. Enables students to interpret maps and graphs and to fit events into their proper geographic settings. World Geography Honors reflects a wider range and greater depth of subject matter. This course is designed to prepare students for further advanced coursework in Social Studies.

WORLD HISTORY

Grade Level: 10 One Credit

Prerequisite: None

Surveys the history of mankind from the first civilization to the present. Provides general information on the development of the various cultures in the world and compares and analyzes the cultural diversities and commonalties. Emphasizes events of major historical significance and incorporates contemporary world affairs.

UNITED STATES HISTORY

Grade Level: 11 One Credit

Prerequisite: None

Traces the major historical and political events in the United States from 1877 to the present. Includes industrialization, immigration, the end of the Western frontier, the Spirit of Reform, military engagement, the Great Depression, civil rights movement, the Space Age, the nation as a world power, and other relevant topics. It also incorporates geographic, economic, and foreign policy content. Emphasizes the cultural diversity and the rights and responsibilities of American citizens.

HISTORY 1301 History of the US through 1877 (Dual Credit) (W)

Grade Level: 11-12 One-half Credit

Prerequisite: Admission to Victoria College

A survey of the history of the United States from the colonial times through 1877. EARNs US HISTORY, SEMESTER ONE CREDIT.

HISTORY 1302 History of the US from 1877 (Dual Credit) (W)

Grade Level: 11-12 One-half Credit

Prerequisite: Admission to Victoria College

A survey of the history of the United States from the colonial times through 1877. EARNs US HISTORY, SEMESTER TWO CREDIT.

UNITED STATES GOVERNMENT

Grade Level: 12 One-half Credit

Prerequisite: US History

Includes the study of the organization and role of government at the federal, state, and local levels; the growth and jurisdiction of national government; political processes and institutions; and the rights and responsibilities of American citizenship. Relates political science issues to economics, history, philosophy, and sociology

GOVERNMENT 2301 American Government: Federal and State Constitutions (Dual Credit) (W)

Grade Level: 12 One-half Credit

Prerequisite: Admission to Victoria College

The origin and development of the federal system; national and Texas constitutions; national and Texas legislative, executive, and judicial structure and functions. EARNs GOVERNMENT CREDIT.

ECONOMICS, WITH EMPHASIS ON THE FREE ENTERPRISE SYSTEM AND ITS BENEFITS

Grade Level: 12 One-half Credit

Prerequisite: US History

Emphasizes the study of the American free enterprise system, government in the American economic system, international economic relations, and consumer economics. Introduces systems used by various nations to organize the production and distribution of goods and services needed by their citizens. Reviews fundamental economic theories and operations.

ECONOMICS 2301 (Dual Credit) Principles of Economics (Macro)(W)

Grade Level: 12 One-half Credit

Prerequisite: Admission to Victoria College

An introductory survey of the economy as a whole including such topics as economic organization, national income, economic growth, inflation, money and banking, monetary and fiscal policy. Additional attention is given the problems of underdevelopment in both domestic and foreign economics, and to an analysis of the public sector. EARNS ECONOMICS CREDIT.

PSYCHOLOGY

Grade Level: 10-12 One-half Credit

Prerequisite: None

Students consider the development of the individual and the personality. The study of psychology is based on an historical framework and relies on effective collection and analysis of data. Students study topics such as theories of human development, personality, motivation, and learning.

SOCIOLOGY

Grade Level: 10-12 One-half Credit

Prerequisite: None

Students study dynamics and models of individual and group relationships. Students study topics such as the history and systems of sociology, cultural and social norms, social institutions, and mass communication.

LANGUAGES OTHER THAN ENGLISH

SPANISH I

Grade Level: 9-12 One Credit
Prerequisite: None

Develops language skills in a proficiency-oriented curriculum in listening, speaking, reading, and writing. Emphasizes speaking and comprehending Spanish. Acquaints students with the culture and civilization associated with the Spanish language.

SPANISH II

Grade Level: 9-12 One Credit
Prerequisite: Spanish I

Extends language competency in a proficiency-oriented curriculum in listening, speaking, reading, and writing. Reviews and refines grammatical concepts. Extends student knowledge of the culture and civilization associated with the Spanish language.

SPANISH III (W)

Grade Level: 10-12 One Credit
Prerequisite: Spanish II

Expands language competency in listening and speaking in a proficiency-oriented curriculum. Fosters increased student knowledge of the culture and history of Spanish-speaking people.

HEALTH EDUCATION

HEALTH EDUCATION

Grade Level: 9-10 One-half Credit
Prerequisite: None

Students acquire the health information and skills necessary to become healthy adults and learn about behaviors in which they should and should not participate. To achieve that goal, students will understand the following: students should first seek guidance in the area of health from their parents; personal behaviors can increase or reduce health risks throughout the lifespan; health is influenced by a variety of factors; students can recognize and utilize health information and products; and personal/interpersonal skills are needed to promote individual, family, and community health.

ADVANCED HEALTH EDUCATION

Grade Level: 11-12 One-half Credit

Prerequisite: None

Students are provided opportunities for researching, discussing, and analyzing health issues. This higher level of involvement provides students with experiences designed to reinforce positive health behaviors. Students are given the opportunity to learn more about technology, how it affects health, and how to use electronic technology to gain health information. The emphasis in this course is less related to learning facts and more related to providing students with the skills necessary to access their own health information and services and become health literate

PHYSICAL EDUCATION

Students are required to earn one credit in physical education for graduation. Students may earn no more than two credits in state-approved physical education courses toward state graduation requirements. Any credits earned over and above these two credits will be for local credit.

Students may substitute credit in the following courses for the required credits in physical education: Marching Band and Athletics. Marching Band may only be substituted during the fall semester.

PE 1A is required as the first physical education course for those students in Grades 9-12 beginning to earn physical education credits. Students are required to take physical education courses in sequential order: i.e., PE 1A and Individual Sports 1 and 2.

PHYSICAL EDUCATION 1A, FOUNDATIONS OF PERSONAL FITNESS

Grade Level: 9-12 One-half Credit

Prerequisite: None

Provides opportunities to increase knowledge and improve motor skills basic to efficient movement through participation in physical education activities. Enhances the student's knowledge and skills in individual, dual and team sports as well as leisure and lifetime sports.

INDIVIDUAL SPORTS 1, 2, 3, 4

Grade Level: 10-12 One-half Credit

Prerequisite: PE 1A

Provides a more in-depth study of the essential elements related to conditioning and physical fitness; individual, dual, and team sports; and leisure and lifetime sports activities.

GIRLS ATHLETICS, PHYSICAL EDUCATION EQUIVALENT 1, 2,3,4

Grade Level: 9-12 One-half Credit

Prerequisite: Athletic Director Approval

Provides a more in-depth study of the essential elements related to conditioning and physical fitness; individual, dual, and team sports; and leisure and lifetime sports activities.

BOYS ATHLETICS PHYSICAL EDUCATION EQUIVALENT 1, 2,3,4

Grade Level: 9-12 One-half Credit

Prerequisite: Athletic Director Approval

Provides a more in-depth study of the essential elements related to conditioning and physical fitness; individual, dual, and team sports; and leisure and lifetime sports activities.

FINE ARTS

ART I

Grade Level: 9-12 One Credit

Prerequisite: None

Explores the elements and principles of design in a variety of media, including drawing, painting, printmaking, sculpture, ceramics, and weaving. This class introduces students to art history, aesthetic theories, and methods of art criticism. It provides a foundation in design and drawing needed for continued study in the visual arts.

ART II

Grade Level: 10-12 One Credit

Prerequisite: Art I

Art II builds on the previous art course and provides opportunities for the more serious student to explore areas in which art may be used as a career or in conjunction with a career. Projects include career-oriented concepts in the areas of drawing, design, painting, printmaking, fibers, ceramics, art history, and studio production of original works of art.

ART III

Grade Level: 11-12 One Credit

Prerequisite: Art II

The Art III student is expected to be rather skilled and proficient in the area of art. It is expected that the Art III student intend to use art in some way as a career. The course emphasizes the student's own artistic statement through an in-depth study of a chosen medium. The student may choose to emphasize drawing, painting, fibers, ceramics, sculpture, or art history and art criticism. The student will maintain a portfolio of his or her artwork and prepare his or her work for presentation and/or exhibition.

ART IV

Grade Level: 12 One Credit

Prerequisite: Art III

The Art IV student is expected to be somewhat self-directed in evaluation and critique of artwork. The aim of the Art IV student is professional development in his chosen area and style. The course encourages individual expression and provides opportunities for the student to develop a background in a college or specialized art school. The student will be working toward college scholarship application with the deepening of a portfolio and preparing slides of his or her artwork.

THEATER PRODUCTIONS I, II, III, IV

Grade Level: 9-12 One Credit

Prerequisite: One-Act Play Director Approval

Four basic strands--perception, creative expression/performance, historical and cultural heritage, and critical evaluation--provide broad, unifying structures for organizing knowledge and skills students are expected to acquire. Through perceptual studies, students increase their understanding of self and others and develop clear ideas about the world. Through a variety of theatrical experiences, students communicate in a dramatic form, make artistic choices, solve problems, build positive self-concepts, and relate interpersonally. This class typically meets after school hours, and the primary assignment is the production of a one-act play for UIL competition.

BAND I, II, III, IV

Grade Level: 9-12 One Credit
Prerequisite: Band Director Approval

SEMESTER ONE (MARCHING BAND)

- 1. Begins August 1st.**
- 2. Must have been in Jr. High Band or have the approval of band director.**
- 3. Earns P. E. credit.**
- 4. Must perform at all football games.**
- 5. Must perform at all contests.**
- 6. Must maintain UIL eligibility.**

SEMESTER TWO (CONCERT BAND)

- 1. Must have participated in marching band.**
- 2. Must perform at all concerts and contests.**
- 3. Encouraged to participate in Solo and Ensemble.**
- 4. Encouraged to try out for district, region, and area band.**
- 5. Must march in countywide parade.**

CAREER AND TECHNOLOGY EDUCATION

Agriculture, Food, and Natural Resources

INTRODUCTION TO WORLD AGRICULTURAL SCIENCE AND TECHNOLOGY

Grade Level: 9-12 One-half Credit
Prerequisite: None

Introduces students to basic concepts of global agriculture. Includes agricultural career development, leadership, communications, and personal finance.

APPLIED AGRICULTURAL SCIENCE AND TECHNOLOGY

Grade Level: 9-12 One-half Credit
Prerequisite: None

Includes concepts related to soils, plants, animals, agricultural construction, food science, supervised occupational experience programs, and leadership.

WILDLIFE AND RECREATION MANAGEMENT

Grade Level: 9-12 One-half Credit
Prerequisite: None

A course designed to examine the importance of wildlife and outdoor recreation with emphasis on using wildlife and natural resources.

ANIMAL SCIENCE

Grade Level: 9-12 One-half Credit

Prerequisite: None

Develop knowledge and skills pertaining to breed identification, selection, nutrition, health, and management of farm animals

INTRODUCTION TO AGRICULTURAL MECHANICS

Grade Level: 9-12 One-half Credit

Prerequisite: None

Familiarizes the student with basic theory and specialized skills, Develops skills in the areas of carpentry, electricity, plumbing, masonry, fencing, painting, metalworking, and welding processes.

AGRICULTURAL METAL FABRICATION TECHNOLOGY

Grade Level: 9-12 One-half Credit

Prerequisite: None

Develop skills in metal equipment assembly and joining processes.

AGRICULTURAL MECHANICS

Grade Level: 10-12 One Credit

Prerequisite: Intro to Agricultural Mechanics and Agricultural Metal Fabrication Technology

A laboratory-oriented course designed to introduce the scientific principles, concepts, and skill development necessary in agricultural mechanics. This course emphasizes soil and water conservation, electrification, concrete and masonry construction, building planning and construction, small engine and agricultural equipment maintenance and repair, and oxyfuel and electric cutting and welding. Instruction will include information on career opportunities, leadership activities, and record keeping practices related to the industry.

INFORMATION TECHNOLOGY

BUSINESS COMPUTER INFORMATION SYSTEM I

Grade Level: 9-10 One credit

Prerequisite: None

Develops technology skills with applications to personal or business situations focusing on word processing, spreadsheets, data bases, telecommunications, desktop publishing, presentation management, networking operating systems, and emerging technologies; and develops intermediate-level skills.

BUSINESS COMPUTER INFORMATION SYSTEMS II

Grade 10-12 One Credit

Prerequisite: BCIS I

Provides advanced technology skills required in the business environment; includes workplace technology standards in applications of word processing, spreadsheets, databases, telecommunications, desktop publishing, presentation management, networking, operating systems, and emerging technologies; and develops advanced level skills.

BUSINESS IMAGE MANAGEMENT AND MULTIMEDIA

Grade Level: 10-12 One Credit

Prerequisite: 80 or above in English classes, BCIS

Students will develop proficiencies in designing, importing, and manipulating advanced text, graphics, audio, and video used in presentations, multimedia productions, publishing systems, web design, and emerging technologies. BIMM students will assist with the creation of the *Chant 2010*, the Refugio High School yearbook.

FINANCE

RECORDKEEPING

Grade Level: 9-10 One-half to One Credit

Prerequisite: None

Students identify the rights and responsibilities of consumer credit. The student demonstrates an understanding of personal financial management. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce and/or postsecondary education. Students analyze the social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health, safety, and diversity in society and in the workplace. Students enhance reading, writing, computing, communications, and reasoning skills and apply them to the business environment.

ACCOUNTING I

Grade Level: 10-12 One-half to One Credit

Prerequisite: None

Students will study accounting as an information system. Students will know accounting concepts, principles, and practices. They will apply accounting procedures, process financial data, and use accounting as a tool for management.

HEALTH SCIENCE

ANATOMY AND PHYSIOLOGY OF HUMAN SYSTEMS

Grade Level: 12 One Credit

Prerequisite: Biology

Students conduct laboratory investigations and fieldwork, use scientific methods during investigations, and make informed decisions using critical thinking and problem solving. Topics will be presented through an integration of biology, chemistry, and physics. Students will study the structures and functions of the human body and body systems and will investigate the body's responses to forces, maintenance of homeostasis, electrical interactions, transport systems, and energy processes.

TECHNOLOGY APPLICATIONS

COMPUTER SCIENCE I (W)

Grade Level: 10-12 One Credit

Prerequisite: Algebra I

Develop skills in programming. Program topics will include iteration, loops, and number theory. Students will also become proficient with spreadsheets and AutoCAD.

COMPUTER SCIENCE II (W)

Grade Level: 11-12 One Credit

Prerequisite: Computer Science I, Algebra II, or currently enrolled in Algebra II
Learn to program in CTT. Programming topics include creating a "calculator", vectors, graphing trig function, general graphics, and mouse operations. Special projects are emphasized.

COMPUTER SCIENCE ADVANCED PLACEMENT AB (W)

Grade Level: 12 One Credit

Prerequisite: Computer Science I & Computer Science II

Emphasis is based on object-oriented programming methodology with a concentration on problem solving and algorithm development and is meant to be the equivalent of a first-semester college-level course in Computer Science. It also includes the study of data structures, design, and abstraction. It is also a more formal and in-depth study of algorithms, data structures, design and abstraction.

MULTIMEDIA

Grade Level: 11-12 One-half to One Credit

Prerequisite: BCIS I

This course includes a survey of multimedia production tools and hands-on use of a variety of applications and hardware ranging from simple to more sophisticated. Students will work in six main areas: design and layout, graphics, audio/visual media, presentation/delivery, and evaluation. Students will participate in both individual and team projects. Multimedia is designed for students with advanced computer knowledge.

Last updated 08/04/09

HB 3 Graduation Credit Requirements 2009-2010

Discipline	Minimum HSP	Recommended HSP	Distinguished Achievement Program*
English Language Arts ♦	<p>Four credits:</p> <ul style="list-style-type: none"> • English I, II, III, and IV. • English I and II for Speakers of Other Languages may be substituted for English I and II only for immigrant students with limited English proficiency. • The fourth credit of English may be satisfied by either: <ul style="list-style-type: none"> ▪ English IV, ▪ Research/Technical Writing, ▪ Creative/Imaginative Writing, ▪ Practical Writing Skills, ▪ Literary Genres, ▪ Business Communication, or ▪ Journalism 	<p>Four credits:</p> <ul style="list-style-type: none"> • English I, II, III, and IV. • English I and II for Speakers of Other Languages may be substituted for English I and II only for immigrant students with limited English proficiency. 	<p>Four credits:</p> <ul style="list-style-type: none"> • English I, II, III, and IV. • English I and II for Speakers of Other Languages may be substituted for English I and II only for immigrant students with limited English proficiency.
Mathematics ♦	<p>Three credits to include:</p> <ul style="list-style-type: none"> • Algebra I and • Geometry. 	<p>Four credits. Three of the credits must be Alg. I, Alg. II, and Geometry. The fourth credit may be selected from the following:</p> <ul style="list-style-type: none"> • Mathematical Models with Applications • Precalculus • Independent Study in Mathematics • Advanced Placement Statistics • Advanced Placement Calculus AB • Advanced Placement Calculus BC • IB Mathematical Studies • IB Mathematics Standard Level • IB Mathematics Higher Level • IB Advanced Mathematics Standard Level • AP Computer Science • Concurrent Enrollment in College Courses <p>For students who select Mathematical Models with Applications, Algebra II is their fourth or final course. They <u>may not</u> take Mathematical Models with Applications <u>after</u> taking Algebra II. The intent of the rule is that all students should have a rigorous math course in their senior year; however, students <u>may continue</u> to take mathematics courses at the middle school and receive high school credit.</p>	<p>Four credits, which must consist of Algebra I, Algebra II, and Geometry and an additional SBOE-approved mathematics course for which Algebra II is a prerequisite:</p> <ul style="list-style-type: none"> • Precalculus • Independent Study in Mathematics (for example, when used to offer Calculus) • Advanced Placement (AP) Statistics • Advanced Placement (AP) Calculus AB • Advanced Placement (AP) Calculus BC • IB Mathematical Studies Subsidiary Level • IB Mathematical Methods Subsidiary Level • IB Mathematics Higher Level • IB Advanced Mathematics Subsidiary Level • Concurrent Enrollment in College Courses
Science ♦	<p>Two credits to include:</p> <ul style="list-style-type: none"> • Biology and • Integrated Physics and Chemistry. <p>May substitute Chemistry or Physics for IPC but must use the other as academic elective credit.</p>	<p>Four credits, one of which must be Biology (and /or AP/IB Biology), and three of which are selected from a list of options that will include Integrated Physics and Chemistry (IPC) until SY 2012-2013. IPC cannot be taken as the final or fourth year of science, but must be taken before the senior year of high school. When IPC is phased out, all students will select one credit from Biology, AP</p>	<p>Four credits, which must consist of a biology credit (Biology, Advanced Placement (AP) Biology, or International Baccalaureate (IB) Biology), a chemistry credit (Chemistry, AP Chemistry, or IB Chemistry), a physics credit (Physics, AP Physics, or IB Physics, and not including Principles of Technology), and an additional approved laboratory-based science course. In addition to a</p>

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* Distinguished Achievement Program requirements also include student achievement of four advanced measures.

		<p>Biology, or IB Biology; one credit from Chemistry, IB Chemistry, or AP Chemistry; one credit from Physics, AP Physics, or IB Physics, or Principles of Technology I; and a fourth credit from the courses listed in 19 TAC 112 as approved for science credit:</p> <ul style="list-style-type: none"> • Biology • Chemistry • Physics • Astronomy • Aquatic Science • Environmental Systems • Earth and Space Science • Advanced Placement Biology • Advanced Placement Chemistry • Advanced Placement Physics B • Advanced Placement Physics C • Advanced Placement Environmental Science • International Baccalaureate Biology • International Baccalaureate Chemistry • International Baccalaureate Physics • International Baccalaureate Environmental Systems <p>The following CTE courses:</p> <ul style="list-style-type: none"> • Scientific Research and Design • Anatomy and Physiology of Human Systems • Medical Microbiology and Pathophysiology • Principles of Technology I • Principles of Technology II • Engineering <p>Concurrent enrollment in college courses</p>	<p>biology course, a chemistry course, and a physics course, a student may select the fourth required credit from:</p> <ul style="list-style-type: none"> • Earth and Space Science; • Environmental Systems; • Aquatic Science; • Astronomy; • AP Biology; • IB Biology; • AP Chemistry; • IB Chemistry; • AP Physics; • IB Physics; • AP Environmental Science; • IB Environmental Systems; <p>The following CTE courses:</p> <ul style="list-style-type: none"> • Scientific Research and Design • Anatomy and Physiology of Human Systems • Engineering
Social Studies ♦	<p>Two and one-half credits must consist of:</p> <ul style="list-style-type: none"> • World History Studies (one credit) or • World Geography Studies (one credit), • U.S. History Studies Since Reconstruction (one credit), and • U.S. Government (one-half credit). 	<p>Three and one-half credits must consist of:</p> <ul style="list-style-type: none"> • World History Studies (one credit), • World Geography Studies (one credit), • U.S. History Studies Since Reconstruction (one credit), and • U.S. Government (one-half credit). 	<p>Three and one-half credits must consist of:</p> <ul style="list-style-type: none"> • World History Studies (one credit), • World Geography Studies (one credit), • U.S. History Studies Since Reconstruction (one credit), and • U.S. Government (one-half credit).
Economics with emphasis on the free enterprise system and its benefits ♦	One-half credit	One-half credit	One-half credit
Academic Elective	<p>One credit selected from either:</p> <ul style="list-style-type: none"> • World History Studies, • World Geography Studies, or • any science course approved by SBOE. <p>(If substituting Chemistry or Physics for IPC, must use the other as academic elective credit here.)</p>	None	None
Physical Education	<p>One and one-half credits to include Foundations of Personal Fitness (one-half credit). (Limit two credits.)</p> <p>Can substitute:</p> <ul style="list-style-type: none"> • drill team, • marching band, • cheerleading, • ROTC, 	<p>One and one-half credits to include Foundations of Personal Fitness (one-half credit). (Limit two credits.)</p> <p>Can substitute:</p> <ul style="list-style-type: none"> • drill team, • marching band, • cheerleading, • ROTC, 	<p>One and one-half credits to include Foundations of Personal Fitness (one-half credit). (Limit two credits.)</p> <p>Can substitute:</p> <ul style="list-style-type: none"> • drill team, • marching band, • cheerleading, • ROTC,

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	<ul style="list-style-type: none"> athletics, Dance I-IV, approved private programs, or certain career and technical education courses. 	<ul style="list-style-type: none"> athletics, Dance I-IV, approved private programs, or certain career and technical education courses. 	<ul style="list-style-type: none"> athletics, Dance I-IV, approved private programs, or certain career and technical education courses.
Languages Other Than English ♦	None	Two credits must consist of any two levels in the same language.	Three credits must consist of any three levels in the same language.
Health Education	One-half credit or Health Science (one credit).	One-half credit or Health Science (one credit).	One-half credit or Health Science (one credit).
Technology Applications ♦	One credit , which may be satisfied by: <ul style="list-style-type: none"> the following courses in Chapter 126 of this title (relating to Texas Essential Knowledge and Skills for Technology Applications): Computer Science I, Computer Science II, Desktop Publishing, Digital Graphics/Animation, Multimedia, Video Technology, Web Mastering, or Independent Study in Technology Applications; the following courses in Chapter 120 of this title (relating to the Texas Essential Knowledge and Skills for Business Education): Business Computer Information Systems I or II, Business Computer Programming, Telecommunications and Networking, or Business Image Management and Multimedia; or the following courses in Chapter 123 of this title (relating to the Texas Essential Knowledge and Skills for Technology Education/Industrial Technology Education): Computer Applications, Technology Systems (modular computer laboratory-based), Communications Graphics (modular computer laboratory-based), or Computer Multimedia and Animation Technology. 	One credit , which may be satisfied by: <ul style="list-style-type: none"> the following courses in 19 TAC Chapter 126: Computer Science I, Computer Science II, Desktop Publishing, Digital Graphics/ Animation, Multimedia, Video Technology, Web Mastering, or Independent Study in Technology Applications, or state-approved technology applications innovative courses; the following courses in 19 TAC Chapter 120: Business Computer Information Systems I or II, Business Computer Programming, Telecommunications and Networking, or Business Image Management and Multimedia; the following courses in 19 TAC Chapter 123: Computer Applications, Technology Systems (modular computer laboratory-based), Communications Graphics (modular computer laboratory-based), or Computer Multimedia and Animation Technology; or the completion of three credits (for students participating in a coherent sequence of career and technology courses or who are enrolled in a Tech Prep high school plan of study) consisting of two or more state-approved career and technology courses in 19 TAC Chapters 119-125 and 127. Districts shall ensure that career and technology courses, including innovative courses, in a coherent sequence used to meet the technology applications credit are appropriate to collectively teach the knowledge and skills found in any of the approved courses listed in subparagraphs (A), (B), and (C) of this paragraph. Students pursuing the technology applications option described in this subparagraph must demonstrate proficiency in technology applications prior to the beginning of Grade 11. 	One credit , which may be satisfied by: <ul style="list-style-type: none"> the following courses in 19 TAC Chapter 126: Computer Science I, Computer Science II, Desktop Publishing, Digital Graphics/ Animation, Multimedia, Video Technology, Web Mastering, or Independent Study in Technology Applications, or state-approved technology applications innovative courses; the following courses in 19 TAC Chapter 120: Business Computer Information Systems I or II, Business Computer Programming, Telecommunications and Networking, or Business Image Management and Multimedia; the following courses in 19 TAC Chapter 123: Computer Applications, Technology Systems (modular computer laboratory-based), Communications Graphics (modular computer laboratory-based), or Computer Multimedia and Animation Technology; or the completion of three credits (for students participating in a coherent sequence of career and technology courses or who are enrolled in a Tech Prep high school plan of study) consisting of two or more state-approved career and technology courses in 19 TAC Chapters 119-125 and 127. Districts shall ensure that career and technology courses, including innovative courses, in a coherent sequence used to meet the technology applications credit are appropriate to collectively teach the knowledge and skills found in any of the approved courses listed in subparagraphs (A), (B), and (C) of this paragraph. Students pursuing the technology applications option described in this subparagraph must demonstrate proficiency in technology applications prior to the beginning of Grade 11.
Fine Arts ♦	One credit which may be satisfied by any one course found in 19 TAC Chapter 117.	One credit which may be satisfied by any one course found in 19 TAC Chapter 117.	One credit which may be satisfied by any one course found in 19 TAC Chapter 117.
Speech	One-half credit: <ul style="list-style-type: none"> Communication Applications 	One-half credit: <ul style="list-style-type: none"> Communication Applications 	One-half credit: <ul style="list-style-type: none"> Communication Applications
Elective Courses ♦	Five Four and one-half credits from: <ul style="list-style-type: none"> the list of courses approved by the SBOE for Grades 9-12 (relating to Essential Knowledge and Skills), state-approved innovative courses, JROTC (one to four credits), or Driver Education (one-half credit). 	Three and one-half Six credits (includes speech) from <ul style="list-style-type: none"> the list of courses approved by the SBOE for Grades 9-12 (relating to Essential Knowledge and Skills), state-approved innovative courses, JROTC (one to four credits), or Driver Education (one-half credit). 	Two and one-half credits from: <ul style="list-style-type: none"> the list of courses approved by the SBOE for Grades 9-12 (relating to Essential Knowledge and Skills), state-approved innovative courses, JROTC (one to four credits), or Driver Education (one-half credit).
Total Credits	22	26	26

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