

Refugio High School 2021-2022



Course Catalog

INTRODUCTION

This **Refugio High School 2021-2022 Course Catalog** 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 and endorsements, grade classification requirements, as well as 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 state-mandated assessments. End of course exams (EOC's) for the following courses; English I & English II, Biology, Algebra I, and US History are required.

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.

Respectfully,

Samantha Meza, Refugio High School Counselor

Cindy Wiginton, Refugio High School Registrar & Counselor's Secretary

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

Academic Load

Students must be enrolled in seven classes daily.

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 two weeks of each semester. Schedule Request Forms are available in the counselor's office or through a google docs form. 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 70 or greater.

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

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 her designee is needed.

Edgenuity Courseware

Edgenuity Courseware offers a full site of core curriculum, AP, honors and elective courses.

Edgenuity Courseware online courses and curriculum are built using an instructional model grounded in research and are aligned to state standards, the Common Core, and the NGSS. Edgenuity Courseware combines direct-instruction videos featuring expert, on-screen teachers with rigorous assignments, performance tasks, and assessments to engage students and ensure subject-area mastery.

Credit Recovery

Edgenuity Odysseyware credit recovery courses are designed to help students who have fallen behind focus on the skills they need to improve so they can graduate on time. Students begin by taking a pretest to determine where they need to focus, and the flexibility of these courses allows them to work at their own pace and on their own time to recover credits so they can catch up to their peers.

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. The calculation of class rank shall exclude grades earned in or by physical education; any course substituted for physical education; band; choir; any local credit course; credit by examination, with or without prior instruction; credit recovery; any Odysseyware course; any traditional correspondence course; summer school; or any dual credit course that is not part of the District's official course offerings.

Advanced/Weighted Courses 2021-2022

ENGLISH

English I Honors

English II Honors

English III Honors

Dual Credit – English 1301 and 1302 (for English IV Credit-Victoria College)

MATHEMATICS

Dual Credit- Math 1314 and Math 2322, Math 2412 (for College Algebra/pre-calculus credit- Coastal Bend College)

SCIENCE

Chemistry Honors

Physics Honors

AP Environmental Science

SOCIAL STUDIES

Dual Credit – History 1301 and History 1302 (for US History Credit-Victoria College)

Dual Credit – Government 2305 (for Government Credit-Victoria College)

Dual Credit – Economics 2301 (for Economics Credit-Victoria College)

Dual enrollment electives offered through Coastal Bend College

-courses vary by semester

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 2020-2021

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

Principles of Agriculture

Ag Mechanics

Agriculture Structure

Ag equipment structure and fabrication

Livestock production

Advanced Animal Science

Architecture and Construction

Principles of Construction

Construction Technology 1 & 2

Principles of Architecture

Millworks & Cabinet making

Education

**Principles of Edu.
Human Growth and Development
Instructional practices
Career Prep I.**

Health Science

**Principles of Nursing/ Principles of Health Sciences
Medical terminology
Anatomy & Physiology
Practicum in Nursing**

Law Enforcement

**Princ. of Law
Public safety, corrections and security
Law Enforcement I
Law Enforcement II
Practicum in Law, Public Safety, Corrections & Security**

STEM

Robotics 1 & 2

Earning College Credit in High School

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

***Dual Credit Coursework with Coastal Bend College and Victoria College. Certain courses are designated to Victoria College exclusively.**

Dual Credit Courses

A high school student who has met college readiness standards as outlined by the Texas Higher Education Coordinating Board, Texas Success Initiative testing (TSI) may currently enroll in college courses for dual credit. The following courses are taught by Victoria College instructors on the Refugio High School campus via iTV, WebEx, and online earning both college and high school credit. These courses include Engl 1301, Engl 1302, Hist 1301 and Hist 1302, Govt 2301 and Econ 2305. Separate courses from those listed above are offered online through Coastal Bend College for dual credit as well.

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 taken 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.

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

Students are required by state law to enroll in the Foundation High School Program consisting of 22 credits. In addition, students will select an endorsement and earn an additional 4 credits through the selected endorsement for a total of 26 credits for high school graduation. In the event that a student will not meet endorsement requirements a Foundation High School Program Endorsement Opt-Out Agreement will be completed by the high school counselor, student and students' parent(s)/guardian.

For students not meeting state assessment requirements, an Individual Graduation Committee will convene to approve alternate assessment/assessments for satisfying high school graduation requirements.

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. The endorsement earned will be stated on the academic achievement record.

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.

Performance Acknowledgement

A student may earn a performance acknowledgment by completing the following:

- Foundation Program requirements
- 4 credits in Math, including Algebra II
- at least 1 endorsement

In addition, one of the following must be completed:

- dual-credit courses, 12 or more hours earned.
- bilingualism and biliteracy
- PSAT, ACT ASPIRE, SAT, or ACT
- Advanced Placement (AP) exams
- earning a state, nationally, or internationally recognized business or industry certification or license.

Distinguished Level of Achievement

A student may earn a distinguished level of achievement by completing the following:

- Foundation Program requirements
- 4 credits in Math, including Algebra II
- at least 1 endorsement
- A **Performance Acknowledgment** in one of the above mentioned areas.

The distinguished level of Achievement must be earned to be admitted to a Texas public university under the top 10 percent automatic admission law.

Testing Requirements for Graduation

To receive a high school diploma in Texas, a student must complete all the necessary coursework for graduation and pass required End of Course Assessments. (English I & II, Algebra I, Biology, US History)

Students will have the opportunity to take the End of Course Assessments multiple times throughout their high school career.

***** **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 sophomores, juniors and seniors.

CAREER PLANNING

Students will have the opportunity to create degree plans and participate in career and interest surveys through Xello.

CAREER DAY

Refugio High School hosts a 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 Information

Refugio High School juniors and seniors have the opportunity to meet with college, university, technical school, and military representatives throughout the school year. 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 to 10th and 11th graders 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. PSAT 8/9 is offered to 9th graders on the Refugio High School campus.

Texas Success Initiative (TSI)-testing

TSI testing is offered at no cost through Coastal Bend College to seniors in the TRIO program. All students not in the TRIO program can register for testing through Coastal Bend College or Victoria College at their own expense. The TSI test is taken on the respective college campus at their testing center.

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.

Financial Aid Night is held each October, and financial aid experts are available to assist students and parents in completing 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 sophomore year of high school. At the end of the student's junior year a transcript will be uploaded to the student's NCAA account by the counselor. Students are encouraged to familiarize themselves with the NCAA Core Curriculum; however, following the foundation program including an endorsement 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 Distinguished Level of Achievement program, and maintain enrollment at Refugio High School for at least three years, including the year of graduation.

The District shall recognize as a summa cum laude graduate each student who has earned a cumulative weighted numerical grade average of no lower than 100.0.

The District shall recognize as a magna cum laude graduate each student who has earned a cumulative weighted numerical grade average of 93.0–99.99.

The District shall recognize as a cum laude graduate each student who has earned a cumulative weighted numerical grade average of 90.0–92.99.

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 Distinguished Level of Achievement program. Any student recognized with these designations shall wear white graduation gowns.

For the purpose of determining honors to be conferred during graduation activities, the District shall calculate class rank using grades earned in the District as of the end of the fifth six-week grading period of the senior year, as well as dual credit grades submitted from a college in May. For the last semester grade earned in the District, the District shall use the average of the fourth and fifth six-week grades.

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

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.thecb.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 courses (English I, II and III Honors) have three prerequisites. The student must maintain 90 or above average in the previous advanced English course, pass English STAAR by a performance level of meets or masters 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, pass English STAAR by a performance level of meets or masters and be recommended by the teacher.

ENGLISH I

Grade Level: 9 One Credit

Prerequisite: None

Students will receive an overview of literature while increasing their knowledge in the following literacy units: Fiction and Literary Nonfiction, Poetry, Drama, Using Informational Text, Intentional Persuasion, Genre Connections, College and Career Literacy, and Inquiring Minds. This course is designed to prepare students for the English I EOC exam which includes reading and writing portions.

ENGLISH I HONORS (W)

Grade Level: 9 One Credit

Prerequisite: 90 or above in 8th Grade ELA, Meets or Masters level of achievement in 8th grade Reading STAAR, 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

Students will study world literature while increasing their knowledge in the following literacy units: Traveling Through World Literature, Analyzing Poetic Structure, Deeper Analysis Through Drama, Analyzing Informational Text, Purposeful Persuasion, Connecting Genres, College and Career Connections, and Marshalling Evidence. This course is designed to prepare students for the English II EOC exam which includes reading and writing portions.

ENGLISH II HONORS (W)

Grade Level: 10 One Credit

Prerequisite: 90 or above in English I Honors or 90 or above in English I, Meets or Masters level of achievement on the English I EOC exam, 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

Students will study American literature while increasing their knowledge in the following literacy units: Touring American Literature, Conventions in American Poetry, Themes in American Drama, Evaluating Informational Text, Powerful Persuasion, and Analyzing Genre Connections, Reading and Writing for College and Career, and Reliability, Validity, and Accuracy in Research.

ENGLISH III Honors (W)

Grade Level: 11 One Credit

Prerequisite: 90 or above in English II Honors or 90 or above in English II, Meets or Masters level of achievement on the English II EOC, and teacher recommendation.

English III Honors exceeds the English III course in both content and depth of study. Emphasis is placed upon higher-level critical thinking skills.

ENGLISH IV

Grade Level: 12 One Credit

Prerequisite: English III or English III Honors

Students will study British Literature while increasing their knowledge in the following literacy units: Exploring British Literature, Evaluating Poetry Across Time, Evaluating Drama Across Time, Analyzing Techniques in Literary Nonfiction, Synthesizing Informational Text, Inquiry and Synthesis Through Research, and Evaluating Merits of Argument.

ENGLISH 1301 COMPOSITION I (DUAL CREDIT) (W)

Grade Level: 12 One-half Credit

Prerequisite: English III, Admission to Victoria College

Prerequisite: Texas Success Initiative complete in Reading and Writing. Intensive study of and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Emphasis on effective rhetorical choices, including audience, purpose, arrangement, and style. Focus on writing the academic essay as a vehicle for learning, communicating, and critical analysis.

Earns English IV, semester one credit.

ENGLISH 1302 Composition II (DUAL CREDIT) (W)

Grade Level: 12 One-half Credit

Prerequisite: English 1301, Admission to Victoria College

Intensive study of and practice in the strategies and techniques for developing research-based expository and persuasive texts. Emphasis on effective and ethical rhetorical inquiry, including primary and secondary research methods; critical reading of verbal, visual, and multimedia texts; systematic evaluation, synthesis, and documentation of information sources; and critical thinking about evidence and conclusions.

Earns English IV, semester two credit.

INRW 0016 INTEGRATED READING AND WRITING: P.A.S.S. (ENTRY) (0-1) CREDIT 0

Corequisite(s): (Victoria College)

One of the following courses: INRW 0301 for students scoring(Reading) between 342-346 DE or between 310- 341 and ABE level 5-6 Integration of critical reading and academic writing skills. This Non-Semester-Length/Non-Course Competency-Based Option and Intervention (NCBO) is titled P.A.S.S. which stands for Prep for Academic Student Success. This course serves as a bridge to Integrated Reading and Writing for students whose placement scores fall within a given range. It is designed to improve students' reading and writing skills in order to help provide a greater opportunity for success on both the reading and writing portions of the placement exam (TSI section) as it focuses on critical reading and academic writing. Students who enroll in INRW 0016 must also enroll in INRW 0301.

INRW 0301 INTEGRATED READING AND WRITING (3-0) CREDIT 0 (Victoria College)

Requisite(s): One of the following courses: ENGL 1301, GOVT 2305, GOVT 2306, HIST 1301, HIST 1302, PSYC 2301, or SOCI 1301 INRW 0301 is the integration of critical reading and academic writing skills. This course is designed to advance students' critical reading and academic writing skills. The focus of the course will be on applying critical reading skills for organizing, analyzing, and retaining material and developing written work appropriate to the audience, purpose, situation, and length of the assignment. The course combines basic academic reading skills with basic writing skills to increase students' proficiency in composing a variety of academic texts. Successful completion of this course, and its co-requisite course, fulfills all TSI reading and writing requirements.

Journalism

Grade Level: 9-12 one credit

Prerequisite: 8th grade English

Students will learn about the laws surrounding press journalism and how to write for journalistic Students enrolled in Journalism write in a variety of forms for a variety of audiences and purposes. High school students enrolled in this course are expected to plan, draft, and complete written compositions on a regular basis, carefully examining

their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English. In Journalism, students are expected to write in a variety of forms and for a variety of audiences and purposes. Students will become analytical consumers of media and technology to enhance their communication skills. Published work of professional journalists, technology, and visual and electronic media are used as tools for learning as students create, clarify, critique, write, and produce effective communications. Students enrolled in Journalism will learn journalistic traditions, research self-selected topics, write journalistic texts, and learn the principles of publishing.

READING I, II, III

Grade Level: 9-12 One Credit

Prerequisite: ARD or Intervention Placement

Reading I, II, III offers students accelerated 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.

STEM:
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, 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. Students who mastered STAAR Alg I EOC and maintained a 90 average in Geometry and Algebra I.*

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.

ALGEBRAIC REASONING

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 Algebra I end of course exam.

MATH 0016 (Victoria College)

P.A.S.S. PREP FOR ACADEMIC STUDENT SUCCESS (0-1) CREDIT 0 This Non-Semester-Length/Non-Course Competency-Based Option and Intervention (NCBO) is designed to improve upon students' math skills in order to help provide a greater opportunity for success on the math portion of the placement exam. Topics range from basic arithmetic through algebra; including, but not limited to, operations on numbers, linear equations, factoring, quadratics, rational expression, radicals, and appropriate applications.

Science

BIOLOGY

Grade Level: 9 One Credit

Prerequisite: Integrated Physics & Chemistry or recommendation by 8th grade teacher, and Meet or Master 8th grade STAAR science test.

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.

INTEGRATED PHYSICS AND CHEMISTRY

Grade Level: 10 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.

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.

AP Environmental Science (W)

Students conduct advanced 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. **Students will sit for an AP exam upon completion of the course.**

PHYSICS

Grade Level: 11-12 One Credit

Prerequisite: Algebra II

This course studies the interaction between matter and energy and the organization of observed phenomena into useful and meaningful relationships. This course offers an overview of physics for the student who may or may not be college bound.

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.

Robotics 1 & 2

Grade level: 9-12 One Credit

Prerequisite: none

In Robotics I, students will transfer academic skills to component designs in a project-based environment through implementation of the design process. Students will build prototypes or use simulation software to test their designs. Additionally, students will explore career opportunities, employer expectations, and educational needs in the robotic and automation industry.

In Robotics II, students will explore artificial intelligence and programming in the robotic and automation industry. Through implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes and use software to test their designs.

SOCIAL STUDIES

WORLD GEOGRAPHY

Grade Level: 9 One Credit

Prerequisite: United States History to 1877

This course provides students opportunities to study the interaction of various peoples with their physical and cultural environments in the major areas of the world. Students explore North America, Europe, Middle East, Sub-Saharan Africa, Asia, Australia, and Latin America to compare physical processes, components of cultures, and human interactions that affect history.

WORLD HISTORY

Grade Level: 10 One Credit

Prerequisite: United States History to 1877

This course includes the study of the history and development of a variety of world cultures, past and present. Opportunities are provided for students to compare and analyze various ways of life and cultural patterns, emphasizing the diversity and commonality of human experiences and the understanding of how these patterns occurred over time. A study of contemporary world affairs is an essential part of the course

**For the 2020-2021 school year, World History is offered through Edgenuity Courseware.*

UNITED STATES HISTORY

Grade Level: 11 One Credit

Prerequisite: United States History to 1877, & World Geography OR World History

The United States History course covers significant people, issues, and events after the Reconstruction Era of 1877 and continuing through the 20th Century to the present. Opportunities are provided for students to examine and analyze the economic, political, and social impact of the nation's historical events through compare and contrast, cause/effect relationships, and other critical thinking and writing processes. This course addresses all of the TEKS for U. S. History and is designed to prepare students for the STAAR program US History EOC exam.

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 social, political, economic, cultural, and intellectual history of the United States from the pre-Columbian era to the Civil War/Reconstruction period. United States History I includes the study of pre-Columbian, colonial, revolutionary, early national, slavery and sectionalism, and the Civil War/ Reconstruction eras. Themes that may be addressed in United States History I include: American settlement and diversity, American culture, religion, civil and human rights, technological change, economic change, immigration and migration, and creation of the federal government. 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 social, political, economic, cultural, and intellectual history of the United States from the Civil War/Reconstruction era to the present. United States History II examines industrialization, immigration, world wars, the Great Depression, Cold War and post-Cold War eras. Themes that may be addressed in United States History II include: American culture, religion, civil and human rights, technological change, economic change, immigration and migration, urbanization and suburbanization, the expansion of the federal government, and the study of U.S. foreign policy. EARNs US HISTORY, SEMESTER TWO CREDIT.

UNITED STATES GOVERNMENT

Grade Level: 12 One-half Credit

Prerequisite: United States History (1877 – Present)

The course provides opportunities for students to explore the political and governing processes, elements of political theories, and governmental structures, powers, and functions at the national, state, and local levels. Significant focus of the course is on the US Constitution and Amendments

GOVERNMENT 2305 Federal Government (Dual Credit) (W)

Grade Level: 12 One-half Credit

Prerequisite: Admission to Victoria College

Prerequisite: Texas Success Initiative complete in Reading and Writing.

Origin and development of the U.S. Constitution, structure and powers of the national government including the legislative, executive, and judicial branches, federalism, political participation, the national election process, public policy, civil liberties, and civil rights.

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

Grade Level: 12 One-half Credit

Prerequisite: US History

This course is a comprehensive study of the American free enterprise economic system. It includes the study of the basic economic concepts, the market system, American business and labor, money and banking, business cycles, the role of government in free enterprise, and comparative economic systems. The concepts of personal financial literacy are to be mastered by students in order that they may become self-supporting adults who can make informed decisions relating to personal financial matters, and these concepts are incorporated into the student expectations of this course.

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

Grade Level: 12 One-half Credit

Prerequisite: Admission to Victoria College

Prerequisite: Texas Success Initiative complete in Reading and Math.

An analysis of the economy as a whole, including measurement and determination of Aggregate Demand and Aggregate Supply, national income, inflation, and unemployment. Other topics include international trade, economic growth, business cycles, and fiscal policy and monetary policy

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.

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. Any additional physical education credits earned will become elective credits.

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

Grade Level: 9-12 One Credit

Prerequisite: None

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

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

Grade Level: 9-12 One Credit

Prerequisite: Athletic Director Approval

Girls athletics 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 Credit

Prerequisite: Athletic Director Approval

Boys athletics 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-Drawing

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.

THEATRE ARTS I, 2, 3

Grade Level: 9-12 One Credit

Prerequisite: none

This course is designed as a survey course that provides students with an intense sampling of all facts of theatre. The subject matter will range from state terminology, structure plays, and early theatrical history to vocal and movement training for the actor. Also included will be acting (improvisation, character analysis, and duet/group acting).

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 and fine arts 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 the countywide parade.

CAREER AND TECHNOLOGY EDUCATION

Agriculture, Food, and Natural Resources

PRINCIPLES OF AGRICULTURE, FOOD, AND NATURAL RESOURCES

Grade Level: 9-12 One Credit

Prerequisite: None

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

AGRICULTURAL MECHANICS AND METAL TECHNOLOGIES

Grade Level: 10-12 One Credit

Prerequisite: Principles of Agriculture, Food and Natural Resources

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 oxy fuel and electric cutting and welding.

Instruction will include information on career opportunities, leadership activities, and record keeping practices related to the industry.

AGRICULTURAL STRUCTURE

Grade Level: 11-12 One Credit

Prerequisite: Agricultural Mechanics and Metal Technologies

To be prepared for careers in mechanized agriculture and technical systems, students obtain skills related to facilities design and fabrication.

Livestock Production

Grade Level: 10-12 One Credit

Prerequisite: Principles of Agriculture

Education:

Principles of Education and Training

Grade Level: 9, 10

Credit: 1

This course is designed to introduce learners to the various careers available within the education and training career cluster. Students use self-knowledge and educational and career information to analyze various careers within the education and training career cluster. Students also will gain an understanding of

the basic knowledge and skills essential to careers within the education and training career cluster. Students will develop a graduation plan that leads to a specific career choice in the student's interest area.

Human Growth and Development

Credit: 1

This course is an examination of human development across the lifespan with emphasis upon research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones. The course covers material that is generally taught in a postsecondary, one-semester introductory course in developmental psychology or human development.

Instructional Practices

Credit: 2

This course is a field-based internship that provides students with background knowledge of child and adolescent development as well as principles of effective teaching and training practices. Students work under the joint direction and supervision of both a teacher with knowledge of early childhood education and exemplary educators or trainers in direct instructional roles with elementary, middle school, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, develop materials for educational environments, assist with record keeping, and complete other responsibilities of teachers, trainers, paraprofessionals, or other educational personnel.

Practicum in Education and Training

Credit: 2

This course is a field-based internship that provides students with background knowledge of child and adolescent development as well as principles of effective teaching and training practices. Students work under the joint direction and supervision of both a teacher with knowledge of early childhood education and exemplary educators or trainers in direct instructional roles with elementary, middle school, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and complete other responsibilities of classroom teachers, trainers, paraprofessionals, or other educational personnel.

Health Science:

Principles of Health Science

Grades: 9, 10

Credit: 1

This course provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development

systems of the healthcare industry. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, and communicate effectively. Students should recognize that quality health care depends on the ability to work well with others.

Medical Terminology

Credit: 1

This course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, combining forms, and singular and plural forms, plus medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

Anatomy and Physiology

Credit: 1

In this course, students conduct laboratory investigations and fieldwork, use scientific methods during investigations, and make informed decisions using critical thinking and problem solving. Instruction 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 systems.

Practicum in Nursing

Credit: 2

This course is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

Law Enforcement:

Principles of Law, Public Safety, Corrections, and Security

Grades: 9, 10

Credit: 1

This course introduces students to professions in law enforcement, security, corrections, and fire and emergency management services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services. The course provides students with an overview of the skills necessary for careers in law enforcement, fire service, security, and corrections.

Law Enforcement I

Credit: 1

This course is an overview of the history, organization, and functions of local, state, and federal law enforcement. The course includes the role of constitutional

law, the United States legal system, criminal law, law enforcement terminology, and the classification and elements of crime.

Law Enforcement II

Credit: 1

This course provides the knowledge and skills necessary to prepare for a career in law enforcement. The course includes ethical and legal responsibilities, operation of police and emergency telecommunication equipment, and courtroom testimony. Students will recognize the importance of using anger management techniques and will examine the techniques used to manage crisis situations and maintain public safety. Students also will analyze procedures and protocols for domestic violence; for local and state law enforcement pertaining to alcohol and beverage laws; for serving writs, warrants, and summons; for implementing crowd management strategies; for safely transporting a person in custody; for investigating motor vehicle accidents; for handling and managing explosive and hazardous materials incidents, and for protection from potential terrorist and natural disaster threats.

Practicum in Law Enforcement

Credit: 2

The practicum course is designed to give students supervised practical application of previously studied knowledge and skills in law, public safety, corrections, and security. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

ARCHITECTURE AND CONSTRUCTION

PRINCIPLES OF CONSTRUCTION

Grade Level: 9-12 One Credit

Prerequisite: None

Principles of construction provides an overview of architecture, interior design, construction science and construction technology.

CONSTRUCTION TECHNOLOGY 1 & 2

Grade Level: 10-12 One Credit

Prerequisite: Principles of Construction

Construction technology 1 & 2 are exploratory courses which address the utilization of construction for residential and civil structures. Students study and use common construction tools, machines, materials and processes. The course provides experience in planning and controlling construction systems and projects to explore the organizational structures and management strategies in constructions.

Principles of Architecture

Grade Level: 9-12 One Credit

Prerequisite: none

Cabinet Making and Millworks

Grade Level: 11, 12 One Credit

Prerequisite: Construction technology 1 & 2

Dual Credit Courses

For all dual credit courses please refer to the respective college course catalog:

<http://www.victoriacollege.edu/docs/default-source/CollegeAdvancement/marketing/publications/catalog/catalog2018.pdf?sfvrsn=0>

<http://coastalbend.edu/content.aspx?id=21463>