RECOMMENDED SEQUENCE FOR TAKING REQUIRED COURSES

Students should be familiar with graduation requirements and take care in planning course selections. Although counselors work with students to ensure that students are enrolled in courses relevant to graduation requirements, it is ultimately the responsibility of each student to verify that all credit requirements are met for the individual's graduation plan. The 4-Year Plan below suggests a sequence for taking required courses:

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Foundation High School Program</th>
<th>Foundation High School Program+Endorsement (Distinguished)</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Language Arts</td>
<td>Four credits:</td>
<td>Four credits:</td>
</tr>
<tr>
<td></td>
<td>English I</td>
<td>English I</td>
</tr>
<tr>
<td></td>
<td>English II</td>
<td>English II</td>
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<td>English III</td>
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</tr>
<tr>
<td></td>
<td>An advanced course</td>
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<tr>
<td>Mathematics</td>
<td>Three credits:</td>
<td>Four credits:</td>
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<td></td>
<td>Algebra I</td>
<td>Algebra I</td>
</tr>
<tr>
<td></td>
<td>Geometry</td>
<td>Geometry</td>
</tr>
<tr>
<td></td>
<td>An advanced math course</td>
<td>Algebra II*</td>
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<td></td>
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<td>An additional math credit</td>
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<tr>
<td>Science</td>
<td>Three credits:</td>
<td>Four credits:</td>
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<td>Biology</td>
<td>Biology</td>
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<tr>
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<td>IPC or advanced science</td>
<td>Chemistry</td>
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<tr>
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<td>An advanced science</td>
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<td>Social Studies</td>
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<td>World History OR</td>
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<tr>
<td></td>
<td>Gov./Eco</td>
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<tr>
<td>Physical Education</td>
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<td>One credit</td>
</tr>
<tr>
<td>Languages other than English</td>
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</tr>
<tr>
<td></td>
<td>Spanish II</td>
<td>Spanish II</td>
</tr>
<tr>
<td>Fine Arts</td>
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</tr>
<tr>
<td>Health</td>
<td>One half credit</td>
<td>One half credit</td>
</tr>
<tr>
<td>Endorsement</td>
<td></td>
<td>At least three credits in a coherent sequence**</td>
</tr>
<tr>
<td>Electives</td>
<td>Three and one half credits</td>
<td>Two and one half credits</td>
</tr>
<tr>
<td>Total Credits</td>
<td>22</td>
<td>26</td>
</tr>
</tbody>
</table>

*Algebra II is required for automatic admission for top 10% in the state of Texas.

**Students must choose one of five Endorsements with 4 additional credits in the endorsement.
ENDORSEMENTS

An endorsement is defined as “a coherent sequence or series of courses” in one of five areas: STEM (Science, Technology, Engineering, and Mathematics), Business and Industry, Public Service, Arts and Humanities, and Multidisciplinary Studies. Yoe High School offers all five endorsements. They are designated with flowcharts preceding the course descriptions.

PERFORMANCE ACKNOWLEDGMENT

A student may earn a performance acknowledgment (requirements TBD by SBOE):
- for outstanding performance in a dual credit course
- bilingualism and biliteracy
- AP test or IB exam
- PSAT, the ACT-Plan, the SAT, or the ACT
- for earning a nationally or internationally recognized business or industry certification or license.

DUAL CREDIT COURSES

Through an agreement with Temple College, Texas State Technical School, and/or University of Texas at Permian Basin, students successfully completing a specified high school course will receive college credit as well as state or local high school credit. Students must meet college enrollment requirements. Proof of registration must be provided to the counseling office. Students must enroll in college classes that will not conflict with courses on this campus.
Refer to Board Policy EIC Local for Dual Credit Course GPA Calculation http://pol.tasb.org/Policy/Download/889?filename=EIC(LOCAL).pdf

TEXAS VIRTUAL SCHOOL NETWORK (TxVSN)

Distance learning and correspondence courses include courses that encompass the state-required essential knowledge and skills but are taught through multiple technologies and alternative methodologies such as mail, satellite, Internet, video-conferencing, and instructional television. The Texas Virtual School Network (TxVSN) has been established as one method of distance learning. A student has the option, see counselor, to enroll in a course offered through the TxVSN to earn course credit for graduation.
GIFTED AND TALENTED

Gifted and Talented students at the high school level are served through honors classes, pre advanced placement, advanced placement, independent studies/research methods, or dual credit courses. Students will be required to complete projects to the degree as stated by TEA. Participation in the program will give students an opportunity to fully develop their academic abilities, pursue their own research, and interact with others in an intellectually challenging atmosphere. Independent study classes will also be offered as an elective for Gifted and Talented students.

LIMITED ENGLISH PROFICIENT STUDENTS

Students who have been identified as limited English proficient may participate in a special language program that is an integral part of the total school program. The program emphasizes the mastery of basic English language skills so that students will be able to participate effectively in the regular school program as soon as practical.

DYSLEXIA PROGRAM

The Dyslexia Program offers instruction in a small class setting that includes reading, writing, and spelling as appropriate. The major instructional strategies utilize individualized, intensive, and multisensory methods. The program emphasizes the mastery of basic English language skills so students will be able to participate effectively in the regular school program.

SPECIAL EDUCATION

Cameron I.S.D. is committed to the instruction of academic competencies, personal growth, skills, and decision-making and problem solving skills that are recognized as critical for success in high school and adult independent living. To achieve these goals, an Individual Education Plan (IEP) will be developed for each student, with special education and/or regular education staff working together to modify materials or instruction determined as appropriate by the Admission, Review and Dismissal (ARD) Committee. Should you have any questions concerning the special education program, please call your counselor or special education diagnostician.

EOC Classes

C.H. Yoe High School will offer STAAR/EOC remediation courses for any student needing assistance. This will apply to any student not passing STAAR/EOC in the core areas.
COLLEGE ADMISSION REQUIREMENTS

Individual college websites and/or catalogs should be consulted for specific admission requirements. Certain college majors may require more math and science or foreign language. If you are considering applying to a selective college, consult with the college counselor about specific entrance requirements. Students are able to take 1 college day as sophomores, 2 college days as juniors and 2 college days as seniors. *Algebra II is required for automatic admission for top 10% in the state of Texas.

SAT AND ACT TESTS

Students are encouraged to take the SAT and/or ACT Test by the second semester of their junior year. Fee waivers are available in the Counselor’s office for both tests for students who qualify. The ACT Test is administered at Yoe High School 3 times a year. Please refer to the school calendar for test dates.

TEXAS SUCCESS INITIATIVE

The Texas Success Initiative (TSI) exam, also known as the Accuplacer, is a college readiness tool used to evaluate college preparedness. A minimum score of 351 on Reading and a 340 on Writing and with a score of 4 or higher on the Essay (339 or less and 5 or higher Essay) is required to qualify for college level courses including dual credit. A score of 350 on the math section is required for college level math courses.

College Readiness
Reading=351
Writing =340 and 4 Essay (339 or less and 5 or higher Essay)
Math 350

ARMED SERVICES VOCATIONAL APTITUDE BATTERY

ASVAB stands for the Armed Services Vocational Aptitude Battery, which is a multiple-choice test that helps you identify which military jobs would be best for you. The ASVAB tests cover general science, arithmetic reasoning, word knowledge, paragraph comprehension, numerical operations, coding speed, auto and shop information, mathematics knowledge, mechanical comprehension and electronics information.
PRE-AP and AP CORE CLASSES

Students taking AP classes will be required to take the AP Exam.

The following criteria will be used for placement of students in Pre-AP/AP class sections for English, Science, Math and Social Studies:

1. Student must have successfully completed pre-requisite coursework
2. A student must have a minimum of “Masters” score on the latest STAAR/EOC of the related subject for automatic placement.
3. Students that wish to be in Pre-AP/AP classes that have scored “Meets” on the latest STAAR/EOC must meet with the Principal.
   A. Principal will collect information for the AP Committee to consider placement.
   B. PSAT, TSI scores will be taken into consideration for placement.
### Tier III and Tier IV Classes Available

<table>
<thead>
<tr>
<th>Class of 2023</th>
<th>Class of 2022</th>
<th>Class of 2021</th>
<th>Class of 2020</th>
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<tr>
<td><strong>Freshman Year</strong></td>
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<td><strong>Freshman Year</strong></td>
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<td>PreAP English I</td>
<td>PreAP English I</td>
<td>PreAP English I</td>
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<td>PreAP Biology</td>
<td>PreAP Biology</td>
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<td>PreAP Geometry</td>
<td>PreAP Geometry</td>
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<td>PreAP World Geography</td>
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<td><strong>Sophomore Year</strong></td>
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<td>PreAP English II</td>
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<td>Honors English II</td>
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<td>PreAP Chemistry</td>
<td>Honors Chemistry</td>
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<td>PreAP Algebra II</td>
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<td>PreCalculus</td>
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<td>Spanish III</td>
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<td>AP English IV (Not currently offered)</td>
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Tier III Classes

Tier IV Classes

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Refer to Board Policy EIC Local for Dual Credit Course GPA Calculation

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<th>Grade</th>
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</table>
Cameron ISD

Multidisciplinary Endorsement
A student must complete the Foundation Program requirements and the following:

Physics (1 Credit) and/or Chemistry (1 Credit)

- English IV (1 Credit)
- Advanced Math (1 Credit)
- Advanced Social Studies (1 Credit)

Or choose just ONE of the following:

- Four Advanced Credits within one endorsement
- Four Advanced Credits among endorsements not part of a coherent sequence
- Four AP or DC to include 1 credit in each of the four foundation subjects
ENGLISH

ENGLISH 1 (ENG1)
Credits: 1.0
Tier II

Grade Level: 9th

Students enrolled in English I will continue to review their grammar skills. They are expected to plan, draft, and complete written compositions. In English I, emphasis is placed on the organization of logical ideas with an expressed main idea and supporting evidence.

*PRE AP ENGLISH 1 (ENG1)
Credits: 1.0
Tier III

Grade Level: 9th

Pre-AP English I is designed for students with high academic interest and a strong work ethic in English Language Arts. The Pre-AP class serves as the foundation for the Advanced Placement Program, specifically for AP English III Language and Composition and AP English IV Literature and Composition. Emphasis is placed on developing students’ skills in critical, analytical and creative thinking, close reading, grammar, and composition. Students will read and write extensively in multiple genres and keep a portfolio of written work. A summer reading assignment may be required.

*Pre AP courses address learning objectives at greater depth and faster pace along with higher expectations for student performance.

ENGLISH 2 (ENG2)
Credits: 1.0
Tier II

Grade Level: 10th

Students enrolled in English II continue to increase and refine their communication skills. High school students are expected to plan, draft, and complete their written compositions on a regular basis. Students edit their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English and produce final, error-free drafts. In English II, students practice all forms of writing. These personal forms of
writing may include a response to literature, a reflective essay, or an autobiographical narrative. English II students read extensively in multiple genres from world literature.

*PRE AP ENGLISH 2 (ENG2)  
Grade Level: 10th
Credits: 1.0  
Tier III

Pre-AP English I is designed for students with high academic interest and a strong work ethic in English Language Arts. The Pre-AP class serves as the foundation for the Advanced Placement Program, specifically for AP English III Language and Composition and AP English IV Literature and Composition. Emphasis is placed on developing students’ skills in critical, analytical and creative thinking, close reading, grammar, and composition. Students will read and write extensively in multiple genres and keep a portfolio of written work. A summer reading assignment may be required.

*Pre AP courses address learning objectives at greater depth and faster pace along with higher expectations for student performance.

ENGLISH 3 (ENG3)  
Grade Level: 11th
Credits: 1.0  
Tier II

Students enrolled in English 3 and 4 will continue to increase and refine their communication skills. Emphasis is placed on the personal narrative and students will be expected to plan, draft, and complete written assignments. In addition, students read extensively in multiple genres from American literature and other world literature. SAT vocabulary prep is also a large part of the course.

**AP ENGLISH III LANGUAGE AND COMPOSITION (APENGLAN & APENGLIT)  
Grade Level: 11th
Credits: 1.0  
Tier IV - Class 2021, 2022, 2023

This course prepares students to be successful on the AP exam. Reading requirements of this course are more demanding and require insightful analysis. This instruction also provides the student with sophisticated techniques for success in writing on a college level. Students will discover ways to take a critical approach to reading and writing as they connect the meanings of cultural texts. Independent thinking will be fostered through logical and insightful analysis, interactions with literature, and reading and writing. This class prepares students for life after high school-college or the workforce.

Advanced Placement (AP®) courses are equivalent to college-level courses. We highly recommend that you read the College Board's AP® English Language and Composition Course Overview and AP® English Language and Composition Course Description before beginning this course.
**DUAL CREDIT ENGLISH COMPOSITION I (Eng 1301) AND II (Eng 1302) /High School English III**

Credits: 0.5 per semester  
Grade Level: 11th  
Tier IV Class 2020, 2021, 2022, 2023

This course is an intensive study of the principles of writing, analysis and discussion of expository selections, theme writing, and collateral reading.

**ENGLISH 4 (ENG4)**

Credits: 1.0  
Grade Level: 12th  
Tier II

In English 4, students are expected to write in a variety of forms for a variety of audiences and purposes. English 4 students will research a topic and produce a formal research draft. English 4 students read and interpret various selections from British literature. In addition, emphasis is placed on preparation for the Texas Success Initiative exams.

**HONORS ENGLISH 4 (ENG4)**

Credits: 1.0  
Grade Level: 12th  
Tier III - Class 2020

The purpose of Honors English IV is to foster the reading, writing, critical thinking and oral presentation skills required of students following graduation. The curriculum encourages students to develop collaborative as well as independent study skills, to expand their written and oral discourse, and to explore and understand philosophical ideas and their relationship with those big ideas. Students should also gain a familiarity with British Literature and how cultural and historical influences have influenced the work of British authors.

**DUAL CREDIT BRITISH LITERATURE I (Eng 2322) and II (Eng 2323)/High School English IV**

Credits: 0.5 per semester  
Grade Level: 12th  
Tier IV Class 2020, 2021, 2022, 2023

This course is a survey of English Literature from the Old English Period through the Eighteenth Century. A study of prose and poetry, assigned reading, essays, and tests constitute the work of the course. The second semester course is a continuation of the study of English Literature from the Romantic Period through the Modern Period. Research writing is required for both courses.
COLLEGE PREPARATORY COURSE ENGLISH LANGUAGE ARTS (CPELA)

Credits 0.5  
Tier II- Class of 2020, 2021, 2022  
Grade Level: 12th

Students will learn to investigate academic texts, construct supported interpretations and arguments for an authentic audience, and acquire academic habits of thought. Reading instruction will focus on developing critical reading skills for comprehension, interpretation, and analysis. In writing, students will develop skills through composing with specific purpose, situation, genre, and audience in mind. Students will write a variety of effective formal and informal texts. To learn to integrate reading and writing, students will use an inquiry approach to analyze, synthesize, and make value judgments regarding text and writing. This course is designed to prepare students for college-level reading and writing intensive courses. Successful completion of this course, as defined by the memorandum of understanding (MOU) with the partnering institution(s), grants the student an exemption to TSI requirements for reading and writing at the partnering institution(s).
STEM Endorsement-Math or Science Coherent Sequence

A STEM Endorsement can be earned by completing 5 Math or 5 Sciences. It does not require both.

- Algebra I (1 Credit)
- Biology (1 Credit)
- Geometry (1 Credit)
- Chemistry (1 Credit)
- Algebra II (1 Credit)
- Physics (1 Credit)
- Advanced Math (1 Credit)
- Advanced Science (1 Credit)

**Advanced Math Selections:**
- Pre-Calculus
- AP Calculus
- College Level Math Course

**Advanced Science Selections:**
- Advanced Animal Science
- Anatomy & Physiology
MATH

Courses that satisfy the advanced math requirement for the Foundation High School Program are:
- Math Models
- Algebra II
- Pre-Calculus
- Calculus

**ALGEBRA I (ALG I)**  
Grade Level: 9th

Credits: 1.0  
Tier II (only in high school)

Algebra is a powerful mathematical tool, and all advanced courses depend on student mastery of its principles and strategies. Algebra I lays the foundation for the concepts required, with a strong emphasis on multiple representations of linear functions. While learning the material required by the TEKS (Texas Essential Knowledge and Skills), students will use graphing calculators, web-based programs and other technology, and will be exposed to real-world applications of the various methodologies.

**GEOMETRY (GEOM)**  
Grade Level: 10th

Credits: 1.0  
Tier II

A study of geometric terms, symbols, and characters such as points, lines, angles, polygons, curves, etc., and their relationships to one another. Students must be able to set up and solve basic equations.

**PRE AP GEOMETRY (GEOM)**  
Grade Level: 9th-10th

Credits: 1.0  
Tier III Class 2021, 2022, 2023

In Pre-AP Geometry, students will be engaged in the study of Inductive and Deductive Reasoning, Mathematical Modeling, Angle Relationships, Lines, Constructions, Triangle Properties, Polygon Properties, Circle Properties, Transformations, Tessellations, Area, Properties of 3D Geometric Figures, Surface Area of Solids, Pythagorean Theorem, Volume of Solids, Similarity, and Introductory Trigonometry. Students will use high order thinking skills to solve problems and apply the mathematics they learn to real world application.
problems. Students will utilize technology, such as graphing calculators, and specialized math software.
*Pre AP courses address learning objectives at greater depth and faster pace along with higher expectations for student performance.

**MATH MODELS (MTHMOD)**
Credit: 1.0
Grade Level: 11th
Tier II

In Math Models, students continue to build on the K-8 and Algebra I foundations as they expand their understanding through other mathematical experiences. 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 (ALG 2)**
Grade Level: 10th-12th
Credits: 1.0
Tier II

Algebra II advances skills learned in Algebra I and integrates Geometry and Algebra II. Use of the graphing calculator is expanded and students are encouraged to become proficient at using the graphing calculator for recording gathered data, preparing graphs, and making real-world decisions. The Algebra II curriculum, or TEKS, is extensive, emphasizes higher level thinking skills and encourages students to recognize a variety of methods for solving real-world problems.*Algebra II is required for automatic admission for top 10% in the state of Texas.*

*PRE AP ALGEBRA II (ALG 2)*
Grade Level: 10th
Credits: 1.0
Tier III Class 2021, 2022, 2023

The primary focus for students in this course is developing logical reasoning by making and justifying generalizations based on their experiences with fundamental as well as advanced algebraic concepts, especially functional relationships and problem solving in real situations. Building on the study of linear and quadratic functions from first-year algebra and the study of the size, shape, location, and direction relationships from geometry, functional relationships are extended to include radical, rational, exponential, and logarithmic functions. These functions are examined in a variety of problem situations and form the basis for the study of equations and the development of algebraic skills. Students use a variety of representations (concrete, numerical, algorithmic, graphical) and tools as well as having regular access to technology that allows function plotting, coordinate graphing, algebraic analysis, and computation. This course is an excellent preparation for college entrance examinations (SAT, ACT, etc.) and further study in mathematics and is designed
for students who plan to take an advanced placement (AP) mathematics course in high school.

*Pre AP courses address learning objectives at greater depth and faster pace along with higher expectations for student performance.*

**PRE-CALCULUS (PRE CALC)**

Credits: 1.0

Grade Level: 11th, 12th

Tier III Class 2020, 2021, 2022, 2023

Pre-Calculus is an advanced class that is important for preparation for college bound students. It reviews and extends algebra skills and emphasizes the study of trigonometry. Many of the topics covered in this course are seen on college entrance exams. Skills for the graphing calculator will be taught in this class.

**AP CALCULUS AB (APCALCAB)**

Credits: 1.0

Grade Level: 12th

Tier III Class 2020

Tier IV Class 2021, 2022, 2023

Calculus develops the students’ understanding of the concepts of calculus and providing experience with its methods and applications. The course emphasizes a multi representational approach to calculus, with concepts, results, and problems being expressed graphically, numerically, analytically, and verbally. At the end of the course, students will have the opportunity to take the Advanced Placement exam for college credit.

**COLLEGE PREPARATORY COURSE MATHEMATICS (CPMAT)**

Credits 0.5

Grade Level: 12th

Tier II Class 2020, 2021, 2022

This course addresses a variety of mathematical topics needed to prepare students success in college-level mathematics. In this course students will connect and use multiple strands of mathematics in situations and problems, as well as in the study of other disciplines. In addition, the course supports students in developing skills and strategies needed to succeed in college. Mathematics topics include: numeracy with an emphasis on estimation and fluency with large numbers; manipulating and evaluating expressions and formulas, to include perimeter, area, and volume; rates, ratios, and proportions; percentages; solving equations; linear equations and inequalities; linear systems; exponential models; data interpretations including graphs and tables; verbal, algebraic, and graphical interpretations of functions. Mathematical process standards are also included in this framework; these process standards describe ways in which students are expected to engage in the content. Successful completion of this course, as defined by the memorandum of understanding (MOU) with the partnering institution(s), grants the student an exemption to TSI requirements for mathematics at the partnering institution(s).
SCIENCE

Courses that satisfy the advanced science requirement for the Foundation High School Program are:

Integrated Physics and Chemistry
Chemistry
Physics
Anatomy and Physiology
Advanced Animal Science
Independent Studies Research Methods

INTEGRATED PHYSICS AND CHEMISTRY (IPC)  Grade Level: 9th, 10th
Credits: 1.0
Tier II

This course integrated the disciplines of physics and chemistry in the following topics: motion, waves, energy transformations, properties of matter, changes in matter, and solution chemistry. This course will not serve as one of the 4 science courses needed for a Distinguished Graduation Plan.

BIOLOGY I (BIO)  Grade Level: 9th, 10th
Credits: 1.0
Tier II

Students will conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem-solving. Students will study a variety of topics that include: structures and functions of cells and viruses; growth and development of organisms; cells, tissues, and organs; nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis; ecosystems; and plants and the environment.

*PRE AP BIOLOGY (BIO)  Grade Level: 9th, 10th
Credits: 1.0
Tier III Class 2021, 2022, 2023

Students will conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem-solving. Students will study a variety of topics that include: structures and functions of cells and viruses; growth and development of organisms; cells, tissues, and organs; nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis; ecosystems; and plants and the environment.

*Pre AP courses address learning objectives at greater depth and faster pace along with higher expectations for student performance.
CHEMISTRY (CHEM)  
Grade Level: 10th, 11th
Credits: 1.0  
Tier II

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 characteristics of matter; energy transformations during physical and chemical changes; atomic structure; periodic table of elements; behavior of gases; bonding; nuclear fusion and nuclear fission; oxidation-reduction reactions; chemical equations; solutes; properties of solutions; acids and bases; and chemical reactions. Students will investigate how chemistry is an integral part of our daily lives.

*PRE AP CHEMISTRY (CHEM)  
Grade Level: 10th
Credits: 1.0  
Tier III  Class 2021, 2022, 2023

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 characteristics of matter; energy transformations during physical and chemical changes; atomic structure; periodic table of elements; behavior of gases; bonding; nuclear fusion and nuclear fission; oxidation-reduction reactions; chemical equations; solutes; properties of solutions; acids and bases; and chemical reactions. Students will investigate how chemistry is an integral part of our daily lives.

*Pre AP courses address learning objectives at greater depth and faster pace along with higher expectations for student performance.

PHYSICS (PHYSICS)  
Grade Level: 11th-12th
Credits: 1.0  
Tier II

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: laws of motion; changes within physical systems and conservation of energy and momentum; force; thermodynamics; characteristics and behavior of waves; and quantum physics. This course provides students with a conceptual framework, factual knowledge, and analytical and scientific skills.
**AP PHYSICS (PHYSICS)**  
Grade Level: 11th  
Credits: 1.0  
Tier IV Class 2021, 2022, 2023

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: laws of motion; changes within physical systems and conservation of energy and momentum; force; thermodynamics; characteristics and behavior of waves; and quantum physics. This course provides students with a conceptual framework, factual knowledge, and analytical and scientific skills.  
*AP courses address learning objectives at greater depth and faster pace along with higher expectations for student performance.*

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**ANATOMY & PHYSIOLOGY (ANATPHYS)**  
Grade Level: 12th  
Credits: 1.0  
Tier III Class 2020, 2021, 2022, 2023

In this course, 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 systems. *This course must include at least 40% laboratory investigation and fieldwork using appropriate scientific inquiry.*

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**ADVANCED ANIMAL SCIENCE (ADVANSCI)**  
Grade Level: 11th, 12th  
Credits: 1.0  
Tier II Class 2020, 2021, 2022

This course will allow students to attain both academic and animal science knowledge and skills. Advanced animal science, nature of science, scientific inquiry, science and social ethics, and science, systems and modules will be addressed in this class.
Cameron ISD

Arts & Humanities Endorsement-History Coherent Sequence

Choose a coherent sequence of 5 credits.

World Geography (1 Credit)

World History (1 Credit)

US History (1 Credit)

Psychology (.5 Credit) and Sociology (.5 Credit)

Government (.5 Credit) and Economics (.5 Credit)
WORLD GEOGRAPHY (W GEO)  
Credits: 1.0  
Tier II  

Students will engage in learning the five themes of Geography that consist of Location, Place, Interaction, Movement and Regions. The course will cover a broad array of these themes.

*PRE AP WORLD GEOGRAPHY (W GEO)  
Credits: 1.0  
Tier III Class 2021, 2022, 2023  

Includes all of the basic class with more in depth look at the topics, more research, and reports. The work is done at an accelerated pace, and with more emphasis on understanding the connection between history and present day society.  
*Pre AP courses address learning objectives at greater depth and faster pace along with higher expectations for student performance.

WORLD HISTORY (W HIST)  
Credits: 1.0  
Tier II  

All of man’s history is examined from the age of Australopithccine (pre-human forms) to the modern day. Areas included in this time frame are politics, individuals, economics, religion, culture, ideas, inventions, social science, technology, and the changing environment around humans.
**PRE AP WORLD HISTORY (W HIST)**  
Grade Level: 10th  
Credits: 1.0  
Tier III Class 2021, 2022, 2023  

The advanced sections of this class will include all areas of the basic class and have added material. This added material would include more research and reports, more in depth looks at several portions of the basic material. The work is done at an accelerated pace, and with more emphasis on understanding the connection between history and present day society.  
*Pre AP courses address learning objectives at greater depth and faster pace along with higher expectations for student performance.*

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**U. S. HISTORY (USHIST)**  
Grade Level: 11th  
Credits: 1.0  
Tier II  

This survey course covers the period of American History between 1865 and the present. Emphasis is placed on the following themes: forging a national identity from a diverse population, strengthening our national democracy and institutions, and improving our economic and technological capacity.

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**AP UNITED STATES HISTORY (APUSHIST)**  
Grade Level: 11th  
Credits: 1.0  
Tier IV Class 2021, 2022, 2023  

AP United States History is a college level survey course that emphasizes the history of the United States beginning with the European discoveries in the New World and includes political, economic, and social history to the present time in accordance with the College Board course outline. The course is fast-paced and uses college-level textbooks and resources. Students will be expected to demonstrate advanced skills in reading, writing, analysis, research, and independent study. College credit may be earned with the successful completion of the national AP course exam in the spring. 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.  
*AP courses address learning objectives at greater depth and faster pace along with higher expectations for student performance.*

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**DUAL CREDIT U.S. HISTORY I (Hist 1301) and II (Hist 1302)/High School U.S. History**  
Grade Level: 11th  
Credits: 0.5 each semester  
Tier IV Class 2020, 2021, 2022, 2023
U. S. History I is a general survey of the United States from the period of discovery through Reconstruction. The second course is a continuation of the history of the United States since Reconstruction to the present time.

**ECONOMICS (ECO)**

Credits: 0.5  
Tier II  
Grade Level: 12th

Economics is the study of human efforts to satisfy what appears to be unlimited and competing wants through the careful use of relatively scarce resources. Economics deals with the relationship between producers and consumers, and how their relationship will determine the things that are bought and sold in this Country.

**HONORS ECONOMICS (ECO)**

Credits: 0.5  
Tier III Class 2020  
Grade Level: 12th

This course is a wide-ranging course that provides an introduction to key economic principles. Students gain an understanding of choices they must make as producers, consumers, investors, and taxpayers. They have ample opportunity to develop their points of view and apply what they learn to the promotion of civic action. Topics include an examination of markets from both historical and current perspectives; the basics of supply and demand; the theories of early economic philosophers; theories of value; the concept of money and how it evolved; the role of banks, investment houses, and the Federal Reserve; Keynesian economics; the productivity, wages, investment, and growth involved in capitalism; unemployment, inflations, and the national debt; and as survey of markets in areas such as China, Europe, and the Middle East.

**DUAL CREDIT ECONOMICS (Eco 2301) Principles of Macroeconomics-/High School Economics**

Credit: 0.5  
Tier IV  
Class 2020, 2021, 2022, 2023  
Grade Level: 12th

This course surveys the American economic system emphasizing the impact of choices made by consumers and firms on the total level of economic activity. Introduces the fundamental economic-principles underlying the economic problem; special emphasis on aggregate economic analysis; determinants of policy; inflation and unemployment; economic growth, macroeconomic equilibrium, fiscal policy, monetary policy, government budget deficits and public debt, international trade, money and banking.
U. S. GOVERNMENT (USGOVT)  
Credits: 0.5  
Tier II

Government is the study of how our political system works on all levels, as well as how people are responsible for its operation. Government is also the study of the rights and responsibilities of citizens. Government also shows the relationship of people interacting with other people.

*HONORS U.S. GOVERNMENT (USGOVT)  
Credits: 0.5  
Tier III Class 2020

This course is a rigorous course that uses the perspective of political institutions to explore the history, organization, and functions of the U.S. Government. Students are encouraged to use their knowledge of the structures and processes of governing to develop their own views on current political issues and apply what they have learned to the promotion of civic action. Beginning with basic theories of government, moving to the Declaration of Independence, and continuing to the present, the course explores the relationship between individual Americans and the governing bodies. It looks closely at the political culture of the country and gains insight into the challenges faced by presidents, congressional representatives, and other political activists. It also covers the roles of political parties, interest groups, the media, and the Supreme Court.

**DUAL CREDIT GOVERNMENT I (Gov 2305) – American Government I/High School Government  
Credit: 0.5  
Tier IV Class 2020, 2021, 2022, 2023

This course surveys the origin and the development of the U. S. and Texas Constitutions, federalism, interstate relations, political parties, interest groups, political campaigns, and elections.
Cameron ISD

Arts & Humanities Endorsement-Spanish Coherent Sequence

Spanish I
(1 Credit)

Spanish II
(1 Credit)

Spanish III
(1 Credit)

Spanish IV-AP
(1 Credit)
(not currently offered)
FOREIGN LANGUAGE

SPANISH I (SPANI)
Prerequisite: None
Credits: 1.0
Tier II Class 2020, 2021, 2022

This course introduces students to a large vocabulary and the use of present and past tense in sentences. They will also read and write in the language.

Grade Level: 9th – 11th

SPANISH II (SPANII)
Prerequisite: Spanish I
Credits: 1.0
Tier II Class 2020, 2021, 2022

This course increases the students’ vocabulary by nearly double and introduces them to a minimum of three more verb usages. They do more reading, writing and translating.

Grade Level: 10th - 12th

*SPANISH III (SPANIII)
Prerequisite: Spanish I & Spanish II
Credits: 1.0
Tier III Class 2020, 2021, 2022

This course emphasizes conversation, vocabulary acquisition, reading composition, and culture through review and application of skills in listening comprehension, speaking, reading, and writing in Spanish. This course is only available through TxVSN.

Grade Level: 11th- 12th
Cameron ISD

Arts & Humanities Endorsement

Band, Art, and/or Theatre Production Coherent Sequence

Choose ONE coherent sequence of 4 credits from 1 category or discipline in fine arts.

1. Band I (1 Credit) → Band II (1 Credit) → Band III (1 Credit) → Band IV (1 Credit)
2. Art I (1 Credit) → Art II (1 Credit) → Art III (1 Credit) → Art IV (1 Credit)
3. Theatre Production I (1 Credit) → Theatre Production II (1 Credit) → Theatre Production III (1 Credit) → Theatre Production IV (1 Credit)
FINE ARTS

THEATRE PRODUCTION I (THIPROD)
Credits: 1.0
Tier II Class 2020, 2021, 2022
Grade Level: 9th – 12th

The elective course serves as an introduction to theatre. Students will learn the fundamentals of stage presentation as well as stage terminology, characterization, stage movement, and improvisation. Performance of monologues and duet scenes is the main focus of this course with the possibility of exploring playwriting and/or performances in a one act play. Students are encouraged to attend live theatrical performances each semester. Evaluation of theatrical experiences will also be explored. Class participation is a must to receive credit.

THEATRE PRODUCTION II, III, IV(TH2PROD, TH3PROD, TH4PROD)
Prerequisite: Theater Production I with a passing grade of 85 or better and audition with Fine Arts Committee.
Credits: 1.0
Tier II Class 2020, 2021, 2022
Grade Level: 10th - 12th

This elective course provides hands-on experience in acting and stagecraft through preparation and public performance of plays. Students taking these classes will be actively involved with Fall Production and UIL One Act Play. Through perceptual studies, students increase their understanding of self and others and develop clear ideas about the world. Students are encouraged to attend live theatrical performances each semester.

BAND (MUS1BAND, MUS2BAND, MUS3BAND, MUS4BAND)
Credits: 1.0
Grade Level: 9th – 12th

Band is an instrumental music performance course designed for students in 9th through 12th grade who have had one or more years of band. Students with no band experience are enrolled by instructor (director) approval. Marching band, jazz ensemble, color guard, twirling, solo and ensemble, and concert band are opportunities for students to excel musically and physically. Students sign up with the band director. Marching Band requires a physical prior to participation.

INSTRUMENTAL ENSEMBLE 1, 2, 3, AND 4 (MUS1 (2, 3, & 4) INEN)
Credits: 1.0
Grade Level: 9th – 12th

The student will take private lessons during the course while learning more about the instrument enabling them to perform beyond the intermediate level. The student will also be exposed to chamber ensemble experiences preparing them for performance at an artist level.
ART I (ARTI)  
Credits: 1.0  
Tier II Class 2020, 2021, 2022

In this survey course, students will learn beginning techniques in a variety of mediums. Studio projects will consist of a mix of 2 dimensional and 3 dimensional assignments. Students will learn the elements and principles of art and apply them to their studio practices. Along with each major project the study of art history and contemporary artists within each medium will aid the development of an appreciation for art.

ART II (ART2DRAW)  
Credits: 1.0  
Tier II Class 2020, 2021, 2022

This course will focus on developing the skills of each student and introducing the study of meaning in art (concept). During the study of each medium the students will be challenged to solve problems with their studio work and begin to develop concepts for their artwork. Students will research a variety of artists that suit their interests, as well as investigate the history of the medium they prefer most. These studies enrich the understanding of art beyond the basic elements and principles.

ART III (ART3DRAW)  
Credits: 1.0  
Tier II Class 2020, 2021, 2022

Students in Art III will have the opportunity to explore more choices of mediums and refine their skills during studio time. The study of art history as well as contemporary art will enhance the concepts of each project. Peer critiques and class discussions will familiarize the student with the language of art and prepare them for building a portfolio of work.

ART IV (ART4PATG)  
Credits: 1.0  
Tier II Class 2020, 2021, 2022

The individual students in Art IV will have ample time for completing well developed works of art. This course will focus on portfolio building and college preparatory work. Students will create a portfolio of artwork strong both in technique and concept. Peer critiques and class discussions will familiarize the student with the language of art and prepare them for college courses or the art World.
PHYSICAL EDUCATION

PHYSICAL EDUCATION, BOYS AND GIRLS (PE)  Grade Level: 9th - 12th
Credits: 1

This course offers students an opportunity to evaluate their fitness and also give them an opportunity to improve their fitness level. Students will be introduced to numerous lifetime sports such as tennis, bowling, golf, etc. to give students a background to be able to continue being physically active and physically fit after graduation. T-shirts, shorts (and/or sweats) and tennis shoes are necessary for participation.

GIRLS ATHLETICS (PETS)  Grade Level: 9th - 12th
Credits: 1

This course is for young ladies interested in trying out and participating in organized team sports. All sports have practices and competitions after school hours, so transportation needs to be available. See the Girls Coordinator for a list of sports.

BOYS ATHLETICS (PETS)  Grade Level: 9th - 12th
Credits: 1

This is a course designed for all boy athletes who participate in organized team sports. All sports have practices and competitions after school hours, so transportation needs to be available. See the Athletic Director for a list of sports.
CAREER AND TECHNICAL ELECTIVES (CTE)

AGRICULTURE, FOOD AND NATURAL RESOURCES

CAREER PREPARATION I and II (CAREERP1) and (CAREERP2)
Credit: Up to 3 credits
Grade Level: 11th, 12th
Tier II Class 2020, 2021, 2022

The goal of this class is to prepare students with a variety of skills for a fast-changing workplace. Students are taught employability skills, which include job-specific skills applicable to their training station, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Students are required to work a minimum of 15 hours per week. Problem solving skills, higher-level thinking and work application techniques are enhanced through this class format. Enrichment activities include special projects, guest speakers, independent research, and class trips. This class cannot be taken in conjunction with early release or late arrival. A student must be college/career/military ready when enrolling in this course.

PRINCIPLES OF AGRICULTURE, FOOD & NATURAL RESOURCES (PRINAFNR)
Credit: 1.0
Grade Level: 9th, 10th
Tier II (only in high school) Class 2020, 2021, 2022

This course allows students to develop knowledge and skills regarding career opportunities, personal development, globalization, industry standard, details, practices, and experiences in agriculture. It will allow students to begin their FFA careers. It is recommended for grade 9.

PROFESSIONAL COMMUNICATIONS (PROFCOMM)
Credits: .5
Grade Level: 9th -12th
Tier II Class 2020, 2021, 2022

This one semester course presents basic good form rules for public speaking. Students learn how to communicate effectively with their peers and in the work force. Participation is a must to receive credit.
ANIMAL SCIENCE

SMALL ANIMAL MANAGEMENT (SMANIMGT)
  Credits: 0.5  Grade Level: 9th – 12th
  Tier II Class 2020, 2021, 2022
  This course will allow students to acquire the skills needed to care for small domesticated animals. This course prepares students for a career as a veterinarian technician.

EQUINE SCIENCE (EQUINSCI)
  Credits: 0.5  Grade Level: 9th - 12th
  Tier II Class 2020, 2021, 2022
  A course designed to develop knowledge and skills pertaining to the selection, nutrition, reproduction, health and management of horses.

VETERINARY MEDICAL APPLICATIONS (VETMEDAP)
  Credits: 1.0  Grade Level: 10th - 12th
  Tier II Class 2020, 2021, 2022
  This course will allow students to attain both academic and animal science knowledge and skills. Veterinarian practices as they relate to both large and small animal species will be covered. Students can earn the Vet Tech certification through this class.

LIVESTOCK PRODUCTION (LIVEPROD)
  Credits: 1.0  Grade Level: 11th, 12th
  Tier II Class 2020, 2021, 2022
  In Livestock Production, students will acquire knowledge and skills related to livestock and the livestock production industry. Livestock Production may address topics related to beef cattle, dairy cattle, swine, sheep, goats, and poultry. To prepare for careers in the field of animal science, students must attain academic skills and knowledge, acquire knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.
MECHANICAL SCIENCE

AGRICULTURAL MECHANICS AND METAL TECHNOLOGIES (AGMECHMT)
Credit: 1.0
Tier II Class 2020, 2021, 2022
Grade Level: 9th – 12th

This course is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metalworking techniques.

AGRICULTURAL STRUCTURES DESIGN & FABRICATION (AGDFAB)
Credit: 1.0
Tier II Class 2020, 2021, 2022
Grade Level: 10th-12th

This course is designed for students to be prepared for careers in mechanized agriculture and technical systems. Students will attain knowledge and skills related to agricultural facilities design and fabrication. Students will explore career opportunities, entry requirements, and industry expectations in fabrication.

AGRICULTURE EQUIPMENT DESIGN AND FABRICATION (AGEQDF)
Recommended Prerequisite(s): Ag Mechanics and Metal Technologies
Credit: 1
Tier II Class 2020, 2021, 2022
Grade Level: 11th-12th

An introduction to the fundamentals of equipment used in welding, including welding and cutting safety, basic welding and cutting, basic arc welding processes and basic metallurgy.
PLANT SCIENCE

PRINCIPLES & ELEMENTS OF FLORAL DESIGN (PRFLDSN)
Credits: 1.0
Tier II Class 2020, 2021, 2022
Grade Level: 9th - 12th

This course is designed to develop students’ ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises. This class can satisfy the fine art requirement.

HORTICULTURE SCIENCE (HORTSCI)
Credits: 1.0
Tier II Class 2020, 2021, 2022
Grade Level: 10th – 12th

This course is designed to develop an understanding of common horticultural management practices as they relate to food and ornamental plant production. Students can earn the Junior Master Gardener certification through this class.

GREENHOUSE OPERATION AND PRODUCTION (GREOP)
Credits: 1.0
Tier II Class 2020, 2021, 2022
Grade Level: 10th – 12th

This class is designed to develop an understanding of greenhouse production techniques and practices. To prepare for careers in horticultural systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to horticultural systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings.
Cameron ISD

Business and Industry Endorsement
Business Management, Banking and Finance Coherent Sequence

Choose a coherent sequence of 4 credits.

Principles of Business, Marketing & Finance
(1 Credit)

Money Matters
(1 Credit)

or

Accounting I
(1 Credit)

Business Information Management I
(1 Credit)

Accounting II
(1 Credit)

Business Information Management II
(1 Credit)
PRINCIPLES OF BUSINESS, MARKETING, AND FINANCE (PRINBMF)

Credit: 1.0
Tier II Class 2020, 2021, 2022

In Principles of Business, Marketing, and Finance, students gain knowledge and skills in economics and private enterprise systems, the impact of global business, marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems and settings in business, marketing, and finance.

MONEY MATTERS (MONEYM)

Credit: 1.0
Tier II Class 2020, 2021, 2022

Money Matters will promote financial responsibility among teens by building their basic money management skills. Students will apply critical-thinking skills to analyze financial options based on current and projected economic factors. Students will gain knowledge and skills necessary to set long-term financial goals through investments, tax planning, asset allocation, risk management, retirement planning, and estate planning.

BUSINESS INFORMATION MANAGEMENT I (BUSIM1)

Credit: 1.0
Tier II Class 2020, 2021, 2022

This course will allow students to apply technical skills to address business applications of emerging technologies, create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software.
BUSINESS INFORMATION MANAGEMENT II (BUSIM2)  Grade Level: 10th -12th
Credits: 1.0
Tier II Class 2020, 2021, 2022

This course includes mastering skills in:

- Word Processing (Word)
- Spreadsheet (Excel)
- Database Management (Access)
- Presentation Management (PowerPoint)
- Desktop Publishing (Publisher)
- Telecommunication (Microsoft Outlook)

DUAL CREDIT ACCOUNTING I (ACCOUNT1)
Credits: 1.0  Grade Level: 10th - 12th

This class includes general accounting concepts, principles and procedures and emphasizes the need for personal and business financial records. Accounting procedures include:

- Basic steps of the accounting cycle
- Special journals and ledgers
- Work sheets
- Adjusting and closing entries
- Purchase and sale of merchandise
- Depreciation
- Payroll records
- Personal Income Tax

The class also develops skills, knowledge, and attitudes necessary for individuals to conduct personal business or to further education in the field of accounting.

*This course will be ACNT 1329 and 1311 through TSTC.

DUAL CREDIT ACCOUNTING II (ACCOUNT2)  Grade Level: 11th-12th
Credits: 0.5-1.0

This class provides for review and further development of fundamental accounting principles with extensive use of technology. This class examines characteristics of corporate organization and ownership, including investments and distribution of earnings, adjustments of bad debt, depreciation depletion of fixed assets, adjusted and accrued income, various methods of inventory control, preparation of business budgets, payroll and business tax accounting, and analysis of financial statements.

*This course will be ACNT 1329 and 1311 through TSTC.
Cameron ISD

Business and Industry Endorsement
Information Technology Coherent Sequence
Choose a coherent sequence of 4 credits.

1. Principles of Information Technology (1 Credit)
2. Business Information Management (1 Credit)
3. Digital Media (1 Credit)
4. Web Technologies (1 Credit)
Information Technology

PRINCIPLES OF INFORMATION TECHNOLOGY (PRINIT)

Credits: 1.0
Tier II Class 2020, 2021, 2022

Grade Level: 9th – 12th

Students will implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. Students enhance reading, writing, computing, communications, and reasoning skills and apply them to the information technology environment.

BUSINESS INFORMATION MANAGEMENT I (BUSIM1)

Credits: 1.0
Tier II Class 2020, 2021, 2022

Grade Level: 9th -12th

This course will allow students to apply technical skills to address business applications of emerging technologies, create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software.

DIGITAL AND INTERACTIVE MEDIA (DIMEDIA)

Credits: 1.0
Tier II Class 2020, 2021, 2022

Grade Level: 10th – 12th

Develops proficiency in designing, importing, and manipulating advanced text, graphics, audio and video used in:

- Presentation Management
- Multimedia Productions
- Publishing Systems
- Emerging Technology
Cameron ISD

Public Service Endorsement
Health Science Coherent Sequence

Choose a coherent sequence of 4 credits.

- Principles of Health Science (1 Credit)
  - Medical Terminology (1 Credit)
  - Pathophysiology (1 Credit)

- Health Science Theory (1 Credit)

- Anatomy & Physiology (1 Credit)

- *Practicum Health Science*
  - Certified Nursing Assistant
  - Pharmacy Technician (1 Credit)

*Certifications Offered*
HEALTH SCIENCE

PRINCIPLES OF HEALTH SCIENCE (PRINHLSC)
Credit: 1.0  Grade Level: 10-12
Tier II Class 2020, 2021, 2022

The Health Science course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will have hands on experiences for continued knowledge and skill development. The course may be taught by different methodologies such as clinical rotation and career preparation learning.

MEDICAL TERMINOLOGY (MEDTERM)
Credit: 1.0  Grade Level: 10-12
Tier II Class 2020, 2021, 2022

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.
*This course may be taken for high school or dual credit through TSTC.
Dual credit option will not count for GPA

PATHOPHYSIOLOGY (PATHO)
Credit: 1  Grade Level: 10-12
Tier II Class 2020, 2021, 2022

Pathology is an elective science course that focuses on the causes, mechanisms, and morphologies of a broad spectrum of human diseases. Through lecture, labs, and online research, students will be introduced to and gain a greater understanding of basic pathology at the cellular and tissue levels. Emphasis is placed on prevention and treatment of disease. Students will differentiate between normal and abnormal physiology.
*This course may be taken for high school or dual credit through TSTC.
Dual credit option will not count for GPA
HEALTH SCIENCE THEORY (HLTHSCI)
Credit: 1  Grade Level: 10-12
Tier II Class 2020, 2021, 2022

The Health Science course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will have hands-on experiences for continued knowledge and skill development. The course may be taught by different methodologies such as clinical rotation and career preparation learning.
*This course may be taken for high school or dual credit through TSTC.
Dual credit option will not count for GPA

DUAL CREDIT HEALTH INFORMATICS (HLTHINF)
Credit: 1  Grade Level: 11

Introduction to systems and processes for collecting, maintaining, and disseminating primary and secondary health related information including content of health record documentation requirements, registries, and indices licensing regulatory agencies forms and screens.
*This course may ONLY be taken for dual credit through TSTC.

PRACTICUM IN HEALTH SCIENCE I (PRACLS1)
(Certified Nurses' Assistant)
Credits: 1  Grade Level: 12
Tier II Class 2020, 2021, 2022

The practicum 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. A student may earn industry-recognized certification in this course. Fees may be required for this course, but may be waived by the Admissions Review Committee.

PHARMACOLOGY (PHARMC)
Credits: 1  Grade Level: 12
Tier II Class 2020, 2021, 2022

The Pharmacology course is designed to study how natural and synthetic chemical agents such as drugs affect biological systems. Knowledge of the properties of therapeutic agents is vital in providing quality health care. It is an ever-changing, growing body of information that continually demands greater amounts of time and education from health care workers.
Cameron ISD

Public Service Endorsement
Human Service-Education and Training Coherent Sequence

Choose a coherent sequence of 4 credits.

Principles of Education and Training
(1 Credit)

Human Growth and Development
(1 Credit)
(not currently offered)

Instructional Practices in Education and Training
(2 Credits)
(not currently offered)

Practicum in Education and Training
(2 Credits)
(not currently offered)
EDUCATION

PRINCIPLES OF EDUCATION AND TRAINING (PRINEDTR)

Credits: 1.0
Tier II Class 2020, 2021, 2022
Grade Level: 10-12

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 (HUGRDEV)

Credits: 1.0
Tier II Class 2020, 2021, 2022
Grade Level: 10-12

Human Growth and Development is an examination of human development across the lifespan with emphasis on 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.
ELECTIVES

HEALTH (HLTH)
Credits: .5  Grade Level: 9th – 12th
Tier II Class 2020, 2021, 2022

Health develops a general knowledge of how the body functions. By understanding the different functions, students can explore what activities make the body stronger or weaker. With this knowledge, students can begin developing healthy habits that can be used throughout their lives.
*This course is a graduation requirement.

SPECIAL TOPICS in SOCIAL STUDIES: HEBREWS SCRIPTURES (OLD TESTAMENT) (HEBSCSS)
Credits: .5  Grade Level: 11th – 12th
Tier II Class 2020, 2021, 2022

This is an elective course that studies the contents, history, literary style and structure of the Hebrew Scriptures (Old Testament) and its impact on society. It will focus on how Hebrew Scripture has influenced law, history, government, literature, art, music, morals, values and culture itself. The purpose of a course under this section is to teach students knowledge of Biblical content, characters, poetry and narratives that are necessary in understanding contemporary society and culture, including literature, art, music, mores, oratory and public policy.

SPECIAL TOPICS in SOCIAL STUDIES: NEW TESTAMENT (NEWTSS)
Credits: .5  Grade Level: 11th – 12th
Tier II Class 2020, 2021, 2022

This is an elective course that studies the contents, history, literary style and structure of the New Testament and its impact on society. It will focus on how the New Testament has influenced law, history, government, literature, art, music, morals, values and culture itself. The purpose of a course under this section is to teach students knowledge of Biblical content, characters, poetry and narratives that are necessary in understanding contemporary society and culture, including literature, art, music, mores, oratory and public policy.

YEARBOOK
Credits: 1.0  Grade Level: 10th – 12th

The students use what they learn to plan, organize, and design the school’s yearbook. Staff members are responsible for attending school activities to take photos to be used in the book and are expected to sell advertising to help finance the book.
INDEPENDENT STUDIES/RESEARCH METHODS  
(Social Studies or Science)  
Credits: 1.0  
Tier II Class 2020, 2021, 2022  

Grade Level: 9th – 12th  

In Social Studies/Science Research Methods, an elective course, students conduct advanced research on a selected topic in social studies using qualitative and quantitative methods of inquiry. The course is designed to be conducted in either classroom or independent settings.

- Project based learning course
- Must create a Science Fair (Sc & Ag) or History Fair Project
- Record keeping is mandatory for credit to be awarded

This is a rigorous course recommended for GT students. 9th and 10th graders are only eligible to take this course if they are identified Gifted and Talented.