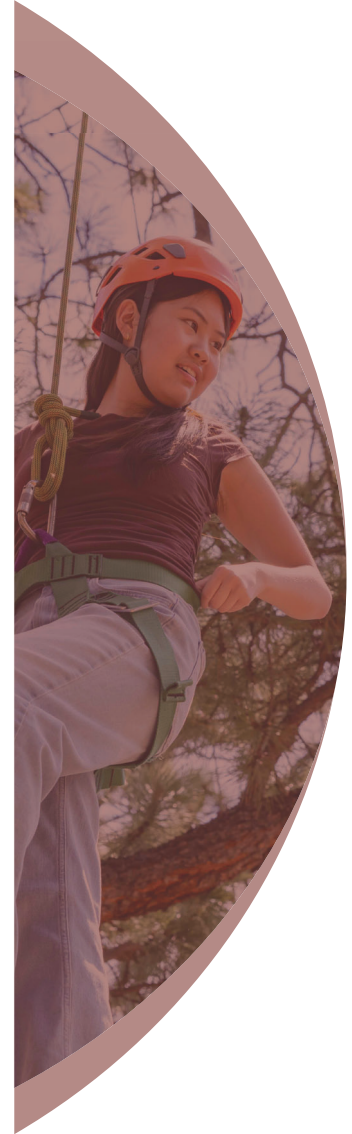
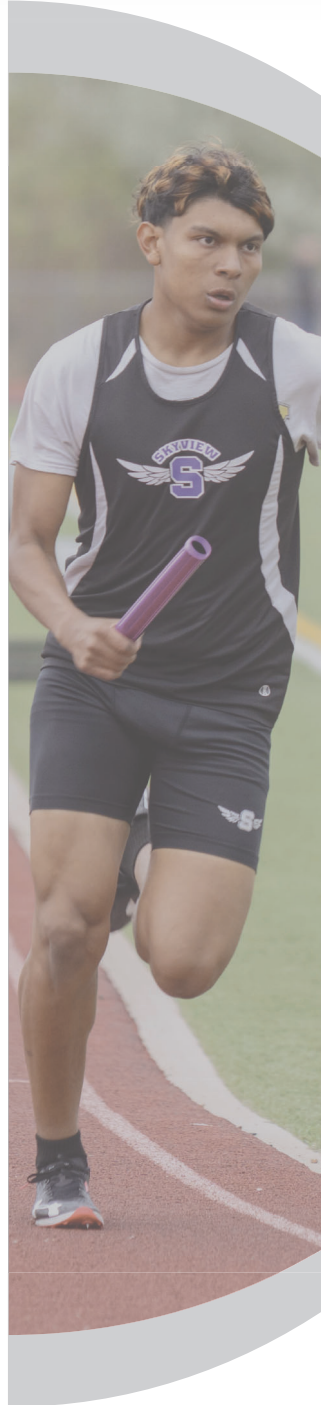
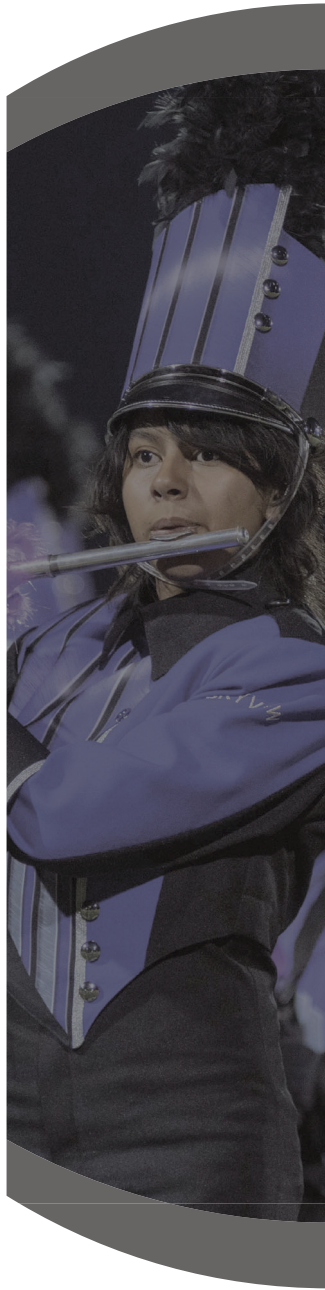




Academy High School

2026-27

Course Catalog



Mapleton Public Schools

Mapleton Public Schools

Academy High School Course Catalog

Academy High School

A School of Science, Technology, Engineering and Math (STEM)

At Academy High School students develop powerful problem-solving and critical-thinking skills through coursework that exposes them to challenging engineering and biomedical courses.

Students work to master core subjects with an emphasis on science, technology, math, and engineering, gaining technical skills they may apply in the real world. Students are encouraged to research, learn and apply new material through hands-on projects, activities, and problem-based learning.

Academy High School students embrace their individuality and thrive in a community devoted to the pursuit of excellence.

Academy High School will prepare students with the necessary skills to succeed, compete, innovate and lead in the evolving 21st century global economy.

[Academy High School Website](#)

Dear Students and Families,

Please read and study this course catalog carefully so that you will be familiar with the high school course offerings in Mapleton Public Schools. You should become familiar with the district's graduation requirements since it is your responsibility to meet them. A qualified Post-Secondary Options Coach (PSOC) is available to assist each student. Students and parents are urged to make an appointment with the PSOC at their school to discuss a course of study. There is a close relationship between good course selection and a successful high school career. Careful consideration of this guide's suggestions will help you make your high school experience more meaningful to you.

Mapleton Public Schools offers a wide array of courses to meet our students' areas of interest and to prepare them for post-secondary opportunities.

Graduation Requirements

The following criteria shall entitle a student to a high school diploma from Mapleton Public Schools:

- Achievement in academic content standards as demonstrated by mastery of the curriculum which may include, but is not limited to, daily classroom assignments, State and District assessments, classroom assessments, and student participation in, and completion of, assigned projects.
- Successful completion of 22 credits in grades nine through twelve in the prescribed categories listed below (District requirements) in addition to successful completion of all school-specific requirements.
- Demonstration of academic proficiency in English and Math using one measure in each content from the Mapleton Public Schools Menu of College and Career-Ready Demonstrations listed in the linked exhibit.

The following District-wide graduation requirements must be satisfied to be eligible for graduation:

Content	Credits Required	Specific Courses Required
English	4	
Mathematics	3	At least 2 of the credits must include Algebra 1 and Geometry, with the additional required course at or above the level of Geometry.
Natural/Physical Science	4	At least 2 credits must be lab-based.
Social Studies	3	At least 0.5 credit must be in Civics/Government, and at least 1 credit must be in U.S. or World History.
Foreign Languages	1	
Physical Education	1	Must include at least 0.5 credit in Health and 0.5 credit in Physical Education.

Content	Credits Required	Specific Courses Required
Academic Electives	5.5	Required financial literacy, and at least 0.5 art credit. The remaining credits may be earned in any academic area listed, any career and technical education courses, work-based learning credit, AirForce JROTC, foreign languages, computer science, art, music, drama, or credits earned through concurrent enrollment courses.
Capstone	0.5	Includes an independent research project that demonstrates proficiency in Math and/or ELA as needed, 20 community service hours, and an individual career and academic portfolio.
Total Credits	22	

<u>Possible High School Math Trajectory Paths</u> (Based on Middle School Path)				
8th grade	Year 1	Year 2	Year 3	Year 4 (not required but, necessary for college bound students)
	Algebra 1	Geometry	Algebra 2	4 th year Math (Pre-Calc, Stats, AP Calculus, AP Stats)
Algebra I for HS credit	Geometry	Algebra 2	4 th Year Math	AP Course/ Concurrent Enrollment

To access Algebra 1, for high school credit, as an 8th grader, students must meet the following criteria within the past two years. School sites collaborate with Mapleton's Teaching and Learning Department to follow the determined process to identify students showing readiness for Algebra 1 in 8th grade.

Middle School Math Criteria: Possible Body of Evidence
MAP Scores: mean RIT score of 235 or higher
CMAS Meets or Exceeds on 7 th grade math assessment (775 or higher)
MAP Winter Score Percentile: 63 rd percentile or higher

Mapleton Public Schools Menu of College and Career-Ready Demonstrations

Beginning with the graduating class of 2021, students must complete at least one of the measures listed in Mapleton Board Policy IKF-R that meet or exceed the measure's corresponding cut score or criteria to demonstrate college and career readiness in English and Math. For a complete list of measures and their criteria, please refer to the following board policy:

[Board Policy IKF-R: Menu of College and Career-Ready Demonstrations](#)

Mapleton Public Schools offers unique learning experiences for its students and each school provides its own learning model and environment. Accordingly, each high school requires students to complete school specific academic experiences that reflect the focus of that specific school. This provides a unique mix of approaches of equal rigor for students to demonstrate essential skills and knowledge for life after graduation. To be eligible for graduation, all students must complete the school-specific graduation requirements in addition to the district-wide graduation requirements.

Graduating seniors shall be ranked within the graduating class for each high school upon the basis of grade point averages for the four-year program, excluding the last semester of the senior year. The student with the highest-class rank will be valedictorian. When more than one student holds the numerical one rank, all students holding the rank will be declared co-valedictorians.

Grades for regular classes will be given the following values: A=4, B=3, C=2.

Grades for college level classes will be given the following values: A=5, B=4, C=3, D=2.

For more information, please click on the link to the Board Policy on Graduation

[Board Policy IKF: Graduation Requirements](#)

Student Course Load

The course load for freshmen, sophomores, juniors, and seniors shall be a minimum of six (6) credits per school year. Students who wish to take fewer credits in any given school year must obtain advance permission from the school director.

Concurrent Enrollment

As part of our college and career going culture, your student has the opportunity to enroll in college course at Front Range Community College (FRCC) while attending high school in Mapleton. Concurrent enrollment supports our commitment to provide each student with rigorous academic content, enrichment opportunities, and access to academic courses beyond what is available in high school.

To ensure no obstacle impedes your student's success, Mapleton Public Schools pays the tuition for college courses successfully completed by a qualified student and for which a student receives high school credit. Your student may also receive credit toward graduation requirements for successful completion of approved postsecondary courses.

Qualifications:

To participate in concurrent enrollment, students must request approval from their School Director and Post-Secondary Options Coach (PSOC).

To qualify for concurrent enrollment, students must:

- Be less than 21 years of age
- Be enrolled in a Mapleton high school (9th-12th grade)
- Meet the minimum prerequisites and academic readiness for the postsecondary courses in which they seek to enroll according to both FRCC and Mapleton Public Schools.

For more information or details contact your schools PSOC.

Seal of Biliteracy for High School Diplomas

Mapleton Public Schools provides the opportunity for students to attain the Seal of Biliteracy on their diploma. The Seal of Biliteracy is a recognition for students who can demonstrate a high level of proficiency in at least one world language and English by high school graduation. Obtaining a Seal of Biliteracy is important because it will honor both the achievement of language acquisition and the heritage language, culture, and experience that some students may already possess. It will give future employers and post-secondary institutions definitive evidence of a student's language skills.

The Seal require students to fulfill all graduation requirements and meet criteria demonstrating a high level of proficiency in listening, reading, speaking, and writing in both

English and a language other than English. Please click [here](#) for more information about the criteria for the **Seal of Biliteracy**.

Higher Education Admission Requirements (HEAR)

Students who are interested in attending **any Colorado public, four-year college, or university**, will need to complete the following courses to be considered for admission:

- Four years of English
- Four years of Math (Algebra 1 and higher)
- Three years of Science (must include two lab-based courses)
- Three years of Social Studies (must include one year of US or World History)
- Two years of academic electives (additional courses in English, Math, Science, Social Studies, World Languages, Art, Music, Journalism, Theatre, or another program)
- At least one year of World Language (check with college/university admission criteria)

** Meeting the Higher Education Admission Requirements does not guarantee admission into a four-year public institution. Colleges and universities may have additional requirements.*

NCAA Eligibility for College Bound Athletes

All student-athletes planning to participate in Division I or Division II intercollegiate athletics must be certified by the NCAA Eligibility Center. Student Athletes must register online at www.eligibilitycenter.org at the end of their junior year. In April seniors must complete the Amateurism Certification in their application on the NCAA website.

To be eligible for collegiate competition, a student-athlete must complete 16 core courses for Division I and II competition. See your PSOC for further details concerning eligibility. ACT/SAT scores must be sent directly from ACT/SAT to the NCAA. The code for the NCAA is 9999. This should be entered on the ACT/SAT registration form.

Student-athletes and parents/guardians are responsible for the proper management of academic planning to ensure requirements are met for the NCAA qualifications. It is important to begin the academic planning for this during the freshman year. If questions arise, contact your counselor or the athletic director immediately.

Capstone Guide

Mapleton Board Policy, [IKE](#), requires all students to complete a Capstone as a requirement for graduation. The Capstone must include the following 3 elements:

1. An independent research project demonstrating proficiency in English Language Arts and/or Math as needed.
2. Completion of an Individual Career and Academic Portfolio (ICAP) demonstrating individual Postsecondary (after high school) and Workforce interests, goals, and needs.
3. Completion of 20 hours of Community Service.

The Capstone Guide outlines Mapleton's Individualized Career and Academic Plan (ICAP) requirements aligned to the state of Colorado (Senate Bill 09-256, 2009).

The ICAP is a personalized, multi-year process that supports students to explore careers, identify their goals and post-secondary opportunities, and create an action plan for life after high school. The ICAP empowers students to:

- Graduate with the knowledge, skills, and plans to be **Postsecondary and Workforce Ready (PWR)**.
- Explore career interests and postsecondary pathways.
- Develop **PWR** skills: reading, writing, math, and success skills. The development of success skills is critical as they support students in crafting a postsecondary plan that is realistic and usable. The ICAP success skills are:
 - **Self-Awareness:** Understanding personal strengths, interests, and values.
 - **Goal setting:** Creating achievable short- and long-term plans.
 - **Resilience:** Adapting to challenges and setbacks.
 - **Professionalism:** Communicating effectively and building relationships.
- Create a personalized, actionable plan for life after high school graduation in a variety of pathways.
- Increase graduation rates through the connection between their high school education and experiences to their future goals.

Key Stakeholders in the ICAP

Who?	What is their role?
Students	The ICAP process is designed to be personalized. Therefore, students are the drivers of the ICAP. They engage in research and activities, set goals, identify next steps, and collaborate with their family and school staff to help determine their steps after high school. Students are also responsible for documenting and curating an ICAP portfolio, demonstrating they have met all requirements.

Guardians	Parents and/or guardians support their Senior by engaging in conversations about life after high school. They review their child's goals and action plans. They review their child's progress and provide insights and support of goal setting and planning. Parents and/or guardians collaborate with school staff to ensure all requirements are met.
Educators	Educators support students by facilitating ICAP activities that build students' knowledge and skills about life after high school. They integrate PWR skills into instruction, and guide students in career exploration and postsecondary planning.
Postsecondary Options Counselors (PSOC)	PSOCs are the leaders of postsecondary planning. They provide resources and ensure that all graduating seniors have met the Capstone graduation requirement.
Administrators	Administrators create and enhance schoolwide systems and structures to support the ICAP process and ensure all students meet the requirements.

ICAP Capstone: The Culmination

The **Capstone** is a senior project that showcases students' personal ICAP journey. It is a way for students to demonstrate **PWR** skills and readiness for postsecondary pathways. The Capstone must include the following components.

Common Components (Required for All Students)

The ICAP components below ensure students are prepared for their next steps. Each is required and must be completed by graduation and documented. Schools may offer additional activities to enhance ICAP, tailored to their resources.

1. Career Exploration

- Activities may include:
 - Engage with career and interest surveys. Identify career clusters or specific careers that align.
 - Research careers using a variety of tools.
 - Attend exploration events such as college, career, and/or apprenticeship fairs.
 - Participation in Career Technical Education courses, Work Based Learning, and/or Concurrent Enrollment programs.

2. Postsecondary Pathways Research

- Required Activities:
 - Postsecondary Options List
 - Financial Planning – for example, Free Application for Federal Student Aid (FAFSA), Colorado Application for State Financial Aid (CASFA), scholarship applications, GI Bill, etc.
- Activities may include:
 - Research based on career interests – college, apprenticeships, military, and/or careers with advancement opportunities
 - Comparisons between postsecondary pathways, including salary
 - Research cost of educational programs and opportunities for support

3. Postsecondary Steps Taken

- Required Activities:
 - Postsecondary Institution Applications (apply to at least one program, college 2-year or 4-year institutions, trade school, apprenticeship, or military)
 - Completed FAFSA/CASFA and/or College Opportunity Fund (COF) or alternative assignment
 - Scholarship applications or alternative assignment

4. Resume

5. Personal Statement

6. Evidence of Professional Communication

- Activities may include:
 - Professional emails
 - Evidence of advocacy, for example, requesting support in a class
 - Letter of Recommendation request
 - Evidence of contacting Financial Aid, boss, recruiter, professional adult
 - Mock Interview

7. Postsecondary Action Plan

- Activities may include:
 - Post-High School Workforce Readiness Goals
 - 5-year plan

8. Regular Credit and Transcript Checks

9. Personal Exploration

- Activities may include:
 - Interest inventories
 - Personality exploration

10. Professional Presentation

- Required:
 - Capstone Presentation
- Activities may include:
 - Student exhibitions
 - 1:1 presentation
 - Other Presentation

11. Community Service Completion

12. Financial Literacy Completion

13. Independent Research Paper

- Requirements:
 - Paper written in Junior/Senior level English class and/or a college class
 - Proper citations and reference page
 - Correct formatting (e.g., MLA, APA).
 - Original work
 - Demonstrates PWR skills (critical thinking, writing)

14. PWR Skills and College/Career Readiness

- Demonstrate proficiency in English and math per [Colorado Department of Education \(CDE\) CDE Graduation Guidelines](#)

Academy High School

Course Catalog: 2026 - 2027

English

American Literature

Course Number: 9218054G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

American Literature courses focus upon commonly known American authors and their work. Students improve their critical-thinking skills as they determine the underlying assumptions and values within the selected works and as they understand how literature reflects the society of the time. Oral discussion is an integral part of literature courses, and written compositions are often required.

Connctns 10 Assmt Prfcn

Course Number: 9218309G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Creative Writing

Course Number: 9218104G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Creative Writing courses offer students the opportunity to develop and improve their technique and individual style in poetry, short story, drama, essays, and other forms of prose. The emphasis of the courses is on writing; however, students may study exemplary representations and authors to obtain a fuller appreciation of the form and craft. Although most creative writing classes cover several expressive forms, others concentrate exclusively on one particular form (such as poetry or playwriting).

English Comp I @FRCC

Course Number: 92ENG121

Course Level: College

Credits: 1.0

Term Structure: Semester

Description:

Emphasizes the planning, writing, and revising of compositions, including the development of critical and logical thinking skills. This course includes a wide variety of compositions that stress analytical, evaluative, and persuasive/argumentative writing. This is a statewide Guaranteed Transfer course in the GT-CO1 category.

English Composition II @FRCC

Course Number: 92ENG1022

Course Level: College

Credits: 1.0

Term Structure: Semester

Description:

Expands and refines the objectives of English Composition I. Emphasizes critical/logical thinking and reading, problem definition, research strategies, and writing analytical, evaluative, and/or argumentative compositions. This is a statewide Guaranteed Transfer course in the GT-CO2 category.

English/Composition I

Course Number: 9218101G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

English/Composition (freshmen and sophomores) courses are designed for freshmen and/or sophomores and build upon previous writing skills. These courses seek to develop the writing processes and practices necessary for producing successful high school compositions. Students typically learn to write persuasive, critical, and creative multi-paragraph essays and compositions. While emphasizing composition, these courses may also incorporate some literature study to expose students to exemplary illustrations of various forms of writing.

English/Composition II

Course Number: 9218102G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

English/Composition (juniors and seniors) courses are designed for juniors and/or seniors and build upon previous writing skills. Reinforcing the logic and critical-thinking skills that accompany writing. These courses emphasize word choice, usage, and writing mechanics to provide continued and advanced instruction in writing for a variety of purposes and audiences. English/Composition (juniors and seniors) courses may emphasize college or business preparation; literature study may be offered as an additional component in which students analyze examples of several genres.

English/Language Arts I

Course Number: 9218001G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

English/Language Arts I (9th grade) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses introduce and define various genres of literature, with writing exercises often linked to reading selections.

English/Language Arts II

Course Number: 9218002G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

English/Language Arts II (10th grade) courses usually offer a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students can improve their reading rate and comprehension and develop the skills to determine the author's intent and theme and to recognize the techniques used by the author to deliver his or her message.

English/Language Arts III

Course Number: 9218003G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

English/Language Arts III (11th grade) courses continue to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses.

English/Language Arts IV

Course Number: 9218004G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

English/Language Arts IV (12th grade) courses blend composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Typically, students primarily write multi-paragraph essays, but they may also write one or more major research papers.

English/Literature I

Course Number: 9218051G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

English/Literature (freshmen and sophomores) courses are designed for freshmen and/or sophomores and typically introduce them to two or more genres of literature (novel, short story, poetry, and so on). Exploration of each genre's literary elements; determination of theme and intent; and examination of vocabulary and semantics are often included in the course content. Writing assignments are required as an additional method to improve understanding and comprehension.

Humanities

Course Number: 9223302G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Humanities courses examine and evoke student responses to human creative efforts and the world in particular historical periods and in particular cultures. Course content includes exploration, analysis, synthesis, and various responses to cultural traditions, including viewing, listening, speaking, reading, writing, performing, and creating. The courses may also examine relationships through painting, sculpture, architecture, and music.

Intro to Education @FRCC

Course Number: 92EDU2211

Course Level: College

Credits: 1.0

Term Structure: Semester

Description:

Focuses on the historical, social, political, philosophical, cultural, and economic forces that shape the United States public school system. This course includes current issues of education reform, technology as it relates to education, and considerations related to becoming a teacher in the state of Colorado. The course addresses diversity in the preschool through secondary school system.

Intro to Literature I @ FRCC

Course Number: 92LIT115

Course Level: College

Credits: 1.0

Term Structure: Semester

Description:

Introduces fiction, poetry, and drama. This course emphasizes active and responsive reading. This is a statewide Guaranteed Transfer course in the GT-AH2 category.

Multicultural Education @FRCC

Course Number: 92EDU2341

Course Level: College

Credits: 1.0

Term Structure: Semester

Description:

Explores racial, ethnic, cultural, and socioeconomic groups to gain an understanding of equity, diversity, and inclusion in communities and education. This course provides opportunities to contextualize multicultural perspectives in society and their impact on the education system.

Public Speaking & Comm

Course Number: 9213290G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Public Speaking courses enable students, through practice, to develop communication skills that can be used in a variety of speaking situations (such as small and large group discussions, delivery of lectures or speeches in front of audiences, and so on). Course topics may include (but are not limited to) research and organization, writing for verbal delivery, stylistic choices, visual and presentation skills, analysis and critique, and development of self-confidence.

Public Speaking @FRCC

Course Number: 92COM115

Course Level: College

Credits: 1.0

Term Structure: Semester

Description:

Combines basic theory of speech communication with public speech performance skills. Emphasis on speech delivery, preparation, organization, support and audience analysis.

Mathematics

AP Calculus AB

Course Number: 9219703G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Following the College Board's suggested curriculum designed to parallel college-level calculus courses, AP Calculus AB provides students with an understanding of the concepts of calculus and experience with its methods and applications. These courses introduce calculus and include the following topics: functions, graphs, limits, and continuity; differential calculus (including definition, application, and computation of the derivative; derivative at a point; derivative as a function; and second derivatives); and integral calculus (including definite integrals and antidifferentiation).

Algebra I

Course Number: 9219052G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first-degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; solving quadratic equations; and modeling linear data. Specific content depends upon state standards.

Algebra II

Course Number: 9219056G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Algebra II course topics typically include developing an understanding of the relationships between the symbolic, graphic, tabular and verbal representations of functions; utilizing the various representations to interpret function behavior and solve equations; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher-degree equations; exponential functions; inverse functions; statistical modeling; modeling linear and quadratic data; and operations with rational and irrational exponents.

College Algebra @ FRCC

Course Number: 92MAT1340

Course Level: College

Credits: 1.0

Term Structure: Semester

Description:

This course focuses on a variety of functions and the exploration of their graphs. Topics include: equations and inequalities, operations on functions, exponential and logarithmic functions, linear and non-linear systems, and an introduction to conic sections. This course provides essential skills for Science, Technology, Engineering, and Math (STEM) pathways.

Geometry

Course Number: 9219072G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Geometry courses, emphasizing an abstract, formal approach to the study of geometry, typically include topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles, quadrilaterals, vertical angles, lines intersected by a transversal, etc.

Intro to Statistics @ FRCC

Course Number: 92MAT1260

Course Level: College

Credits: 1.0

Term Structure: Semester

Description:

Introduces descriptive and inferential statistics, with an emphasis on critical thinking and statistical literacy. Topics include methods of data collection, presentation and summarization, introduction to probability concepts and distributions, and statistical inference of one and two populations. This course uses real world data to illustrate applications of a practical nature.

Pre-Calculus

Course Number: 9219110G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Pre-Calculus courses combine the study of Trigonometry, Elementary Functions, Analytic Geometry, and Mathematic Analysis topics as preparation for calculus. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, rational, trigonometric, and circular functions, and their relations, inverses and graphs; trigonometric identities and equations; solutions of right and oblique triangles; vectors; the polar coordinate system; conic sections; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; modeling linear, quadratic, exponential, and trigonometric data; and limits and continuity.

Probability and Statistics

Course Number: 9219201G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Probability and Statistics courses focus on descriptive statistics, with an introduction to inferential statistics. Topics typically include event probability, normal probability distribution, collection and description of data, frequency tables and graphs, measures of central tendency and variability, random variables, and random sampling. Course topics may also include covariance and correlation, central limit theorem, confidence intervals, and hypothesis testing.

Natural/Physical Science

AP Biology

Course Number: 9222812G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Adhering to the curricula recommended by the College Board and designed to parallel college-level introductory biology courses, AP Biology courses emphasize four general concepts: evolution; cellular processes (energy and communication); genetics and information transfer; and interactions of biological systems. For each concept, these courses emphasize the development of scientific inquiry and reasoning skills, such as designing a plan for collecting data, analyzing data, applying mathematical routines, and connecting concepts in and across domains. AP Biology courses include college-level laboratory investigations.

Anatomy and Physiology

Course Number: 9222053G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Anatomy and Physiology courses present the human body and biological systems in more detail. These courses help students understand the structure of the human body and its functions, students learn anatomical terminology, study cells and tissues, explore functional systems (skeletal, muscular, circulatory, respiratory, digestive, reproductive, nervous, etc.). The course may include dissection of mammals.

Biology

Course Number: 9222051G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Biology courses are designed to provide information regarding the fundamental concepts of life and life processes. These courses include (but are not restricted to) such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy.

Chemistry

Course Number: 9222101G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Chemistry courses involve studying the composition, properties, and reactions of substances. These courses typically explore such concepts as the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas and equations and nuclear reactions are also studied.

EKG Tech Certification

Course Number: 9213466G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

The Certified EKG Technician (CET) course provides preparation for the National Healthcareer Association (NHA) CET certification exam. The course also instills the knowledge and standards needed for excellence in EKG technician practice. The NHA CET certification is an approved certification found on the Career Development Incentive Program (CDIP) approved programs list.

Earth Science

Course Number: 9222001G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Earth Science courses offer insight into the environment on earth and the earth's environment in space. While presenting the concepts and principles essential to students' understanding of the dynamics and history of the earth, these courses usually explore oceanography, geology, astronomy, meteorology, and geography.

Envr Prspctvs on Life Science

Course Number: 9222309G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Life Science courses cover the basic principles of life and life processes. These topics may include cells, species, ecosystems, reproduction, genetics, or other topics consistent with state academic standards for life science.

Geology National Parks @FRCC

Course Number: 92GEY1108

Course Level: College

Credits: 1.0

Term Structure: Semester

Description:

Explores significant geologic features and the processes that create them using examples and case studies from the U.S. National Park System. Weathering and erosional landforms, caves and reefs, coasts, glaciers, volcanoes, and complex mountains are discussed. Fundamental geologic concepts including plate tectonics, deep time, and rock classification are introduced and incorporated throughout the course. This is a statewide Guaranteed Transfer course in the GT-SC2 category.

Intro Health Sci

Course Number: 9213424G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

This two-semester Introductory Health Science course provides an overview of the challenging environments and occupations in the healthcare field. This course introduces students to the nine pathways that make up the health science cluster. In addition, students are provided a hands-on application of the foundational skills/ knowledge including health maintenance, employability skills, teamwork, healthcare systems, communications, and legal issues in healthcare. This course includes preparation for Basic Life Support for Healthcare Providers certification.

Phlebotomy Tech Certification

Course Number: 9213467G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Phlebotomy Technician Certification (CPT) course provides preparation for the National Healthcareer Association (NHA) CPT certification exam. The course also instills the knowledge and standards needed for excellence in phlebotomy practice. The NHA CPT certification is an approved certification found on the Career Development Incentive Program (CDIP) approved programs list.

Physics

Course Number: 9222151G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Physics courses involve the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes examination of sound, light, and magnetic and electric phenomena.

Science in Society @FRCC

Course Number: 92SCI1105

Course Level: College

Credits: 1.0

Term Structure: Semester

Description:

Examines issues relating to the way science interacts with society. A selection of issues from information technology, the environment and earth science, physics and astronomy, biology, medicine, and the interaction of science with politics will be examined, as informed by current events. Emphasis will be on research, inquiry, and critical analysis of science-related issues, including the negative and positive roles of science in society. This is a statewide Guaranteed Transfer course in the GT-SC2 category.

Social Studies

AP Psychology

Course Number: 9223338G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Following the College Board's suggested curriculum designed to parallel a college-level introductory psychology course, AP Psychology courses introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals, expose students to each major subfield within psychology, and enable students to examine the methods and ethics that psychologists use in their science and practice.

Contemporary World Issues

Course Number: 9223064G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Contemporary World Issues courses enable students to study political, economic, and social issues facing the world. These courses may focus on current issues, examine selected issues throughout the 20th century, and look at historical causes or possible solutions.

Economics

Course Number: 9223306G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Economics courses provide students with an overview of economics with primary emphasis on the principles of microeconomics and the U.S. economic system. These courses may also cover topics such as principles of macroeconomics, international economics, and comparative economics. Economic principles may be presented in formal theoretical contexts, applied contexts, or both.

Financial Literacy

Course Number: 9213230G

Course Level: General or regular

Credits: 1.0

Term Structure: Quarter Grade

Description:

Consumer Economics/Personal Finance courses provide students with an understanding of the concepts and principles involved in managing one's personal finances. These courses emphasize lifespan goal-setting, individual and family decision-making, and consumer rights as well as topics that are commonly associated with personal finance so that one can become a financially responsible consumer. Topics may include savings and investing, credit, insurance, taxes and social security, spending patterns and budget planning, contracts, and consumer protection. These courses may also investigate the effects of the global economy on consumers and the family.

Modern U.S. History

Course Number: 9223103G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Modern U.S. History courses examine the history of the United States from the Civil War or Reconstruction era (some courses begin at a later period) through the present time. These courses typically include a historical review of political, military, scientific, and social developments.

Political Science

Course Number: 9223153G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Political Science courses approach the study of politics from a theoretical perspective, including an examination of the role of government and the nature of political behavior, political power, and political action.

Psychology

Course Number: 9223307G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Psychology courses introduce students to the study of individual human behavior. Course content typically includes (but is not limited to) an overview of the field of psychology, topics in human growth and development, personality and behavior, and abnormal psychology.

U.S. History

Course Number: 9223101G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

U.S. History—Comprehensive courses provide students with an overview of the history of the United States, examining time periods from discovery or colonialism through World War II or after. These courses typically include a historical overview of political, military, scientific, and social developments. Course content may include a history of the North American peoples before European settlement.

US History Reconstruction @ FR

Course Number: 92HIS121

Course Level: College

Credits: 1.0

Term Structure: Semester

Description:

Explores trends within events, peoples - including Native American - groups, ideas, and institutions in North America and the United States to Reconstruction. This class focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such gender, class, religion, and ethnicity. This is a statewide Guaranteed Transfer course in the GT-HI1 category.

World Geography

Course Number: 9223001G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

World Geography courses provide students with an overview of world geography, and may vary widely in the topics they cover. Topics typically include the physical environment; the political landscape; the relationship between people and the land; economic production and development; and the movement of people, goods, and ideas.

World History

Course Number: 9223324G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

World History courses provide students with an overview of the history of human society from early civilization to the contemporary period, examining political, economic, social, religious, military, scientific, and cultural developments. This course may also include geographical studies.

Wstrn Civ 1650 to Prsnt @ FRCC

Course Number: 92HIS102

Course Level: College

Credits: 1.0

Term Structure: Semester

Description:

Explores trends within events, peoples, groups, ideas, and institutions in Western civilization since 1650. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. This is a statewide Guaranteed Transfer course in the GT-HI1 category.

Foreign Languages

AP Spanish

Course Number: 9215812G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Designed by the College Board to parallel third-year college-level courses in Spanish language, AP Spanish Language and Culture courses build upon prior knowledge and develop students' ability to express ideas, exchange opinions, and present information in Spanish, both orally and in writing. These courses also help students understand and interpret written and spoken Spanish. In addition, students explore the culture of Spanish-speaking people in historical and contemporary contexts.

Spanish I

Course Number: 9215101G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Designed to introduce students to Spanish language and culture, Spanish I courses prepare students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information on a variety of topics. They introduce the relationships among the products, practices, and perspectives of Spanish-speaking cultures.

Spanish II

Course Number: 9215102G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Spanish II courses build upon skills developed in Spanish I, preparing students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information on concrete topics. Spanish II courses introduce the relationships among the products, practices, and perspectives of Spanish-speaking cultures.

Spanish for Native Speakers I

Course Number: 9215106G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Spanish for Native Speakers courses prepare native and heritage speakers to communicate in Spanish in all modes. These courses reinforce and expand students' skills to interpret (read, listen, view) and present (speak, write) information at the same level as they exchange (speak and listen; read and write) information, concepts, and ideas on a variety of topics. Spanish for Native Speakers courses advance students' understanding of the relationships among the products, practices, and perspectives of the cultures included in the Spanish-speaking world.

Physical Education

Fitness/Conditioning Activity

Course Number: 9221005G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Fitness/Conditioning Activities courses emphasize conditioning activities that help develop muscular strength, flexibility, and cardiovascular fitness.

Intrschlstc Sprt-Baseball

Course Number: 9221023G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Specific Sports Activities courses help students develop knowledge, experience, and skills in a single sport or activity (such as basketball, volleyball, football, baseball, hockey, wrestling, soccer, track and field, and equestrian events) other than those coded within this section. (Dance is included in the Fine and Performing Arts subject area.)

Intrschlstc Sprt-Basketball

Course Number: 9221020G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Specific Sports Activities courses help students develop knowledge, experience, and skills in a single sport or activity (such as basketball, volleyball, football, baseball, hockey, wrestling, soccer, track and field, and equestrian events) other than those coded within this section. (Dance is included in the Fine and Performing Arts subject area.)

Intrschlstc Sprt-Cheerldng

Course Number: 9221025G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Specific Sports Activities courses help students develop knowledge, experience, and skills in a single sport or activity (such as basketball, volleyball, football, baseball, hockey, wrestling, soccer, track and field, and equestrian events) other than those coded within this section. (Dance is included in the Fine and Performing Arts subject area.)

Intrschlstc Sprt-Cross Cntry

Course Number: 9221016G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Specific Sports Activities courses help students develop knowledge, experience, and skills in a single sport or activity (such as basketball, volleyball, football, baseball, hockey, wrestling, soccer, track and field, and equestrian events) other than those coded within this section. (Dance is included in the Fine and Performing Arts subject area.)

Intrschlstc Sprt-Football

Course Number: 9221013G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Specific Sports Activities courses help students develop knowledge, experience, and skills in a single sport or activity (such as basketball, volleyball, football, baseball, hockey, wrestling, soccer, track and field, and equestrian events) other than those coded within this section. (Dance is included in the Fine and Performing Arts subject area.)

Intrschlstc Sprt-Soccer

Course Number: 9221014G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Specific Sports Activities courses help students develop knowledge, experience, and skills in a single sport or activity (such as basketball, volleyball, football, baseball, hockey, wrestling, soccer, track and field, and equestrian events) other than those coded within this section. (Dance is included in the Fine and Performing Arts subject area.)

Intrschlstc Sprt-Tennis

Course Number: 9221015G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Tennis courses help students develop knowledge, skills, and abilities related to the sport of singles or doubles tennis, including shots (such as serves, forehand strokes, backhand strokes, and lobs), scoring, and strategy.

Intrschlstc Sprt-Track

Course Number: 9221024G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Specific Sports Activities courses help students develop knowledge, experience, and skills in a single sport or activity (such as basketball, volleyball, football, baseball, hockey, wrestling, soccer, track and field, and equestrian events) other than those coded within this section. (Dance is included in the Fine and Performing Arts subject area.)

Intrschlstc Sprt-Volleyball

Course Number: 9221018G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Specific Sports Activities courses help students develop knowledge, experience, and skills in a single sport or activity (such as basketball, volleyball, football, baseball, hockey, wrestling, soccer, track and field, and equestrian events) other than those coded within this section. (Dance is included in the Fine and Performing Arts subject area.)

Physical Education

Course Number: 9221001G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Physical Education courses provide students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities.

Team Sports

Course Number: 9221002G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Team Sports courses provide students the knowledge, experience, and opportunity to develop skills in more than one team sport (such as volleyball, basketball, soccer, etc.).

Weight Training

Course Number: 9221009G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Weight Training courses help students develop knowledge and skills with free weights and universal stations while emphasizing safety and proper body positioning; they may include other components such as anatomy and conditioning.

Academic Electives

Academic Prep

Course Number: 9213252G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Academic preparation courses help prepare students for state and national standardized tests such as the PSAT, SAT, and ACT. In particular, these courses assist students in developing and/or expanding their academic skills through a focus on a range of test-taking strategies, including vocabulary and reasoning skills through study, lecture, and practice drills. Course topics may include vocabulary review; root words, prefixes, and suffixes; mathematical concepts, logic, and rules; and general problem-solving and test-taking strategies.

Advisory 09

Course Number: 9213302G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Seminar courses vary widely, but typically offer a small peer group the opportunity to investigate areas of interest. Course objectives may include improvement of research and investigatory skills, presentation skills, interpersonal skills, group process skills, and problem-solving and critical-thinking skills. Seminars aimed at juniors and seniors often include a college and career exploration and planning component.

Advisory 10

Course Number: 9213303G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Seminar courses vary widely, but typically offer a small peer group the opportunity to investigate areas of interest. Course objectives may include improvement of research and investigatory skills, presentation skills, interpersonal skills, group process skills, and problem-solving and critical-thinking skills. Seminars aimed at juniors and seniors often include a college and career exploration and planning component.

Advisory 11

Course Number: 9213304G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Seminar courses vary widely, but typically offer a small peer group the opportunity to investigate areas of interest. Course objectives may include improvement of research and investigatory skills, presentation skills, interpersonal skills, group process skills, and problem-solving and critical-thinking skills. Seminars aimed at juniors and seniors often include a college and career exploration and planning component.

Advisory 12

Course Number: 9213305G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Seminar courses vary widely, but typically offer a small peer group the opportunity to investigate areas of interest. Course objectives may include improvement of research and investigatory skills, presentation skills, interpersonal skills, group process skills, and problem-solving and critical-thinking skills. Seminars aimed at juniors and seniors often include a college and career exploration and planning component.

Advisory GT

Course Number: 9213398G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Seminar courses vary widely, but typically offer a small peer group the opportunity to investigate areas of interest, in this case through the lens of identified gifted and talented students and their instructional needs. Course objectives may include improvement of research and investigatory skills, presentation skills, interpersonal skills, group process skills, and problem-solving and critical-thinking skills. Seminars aimed at juniors and seniors often include a college and career exploration and planning component.

Audio/Visual Production

Course Number: 9213052G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Audio/Visual Production courses provide students with the knowledge and skills necessary for television, video, film, and/or radio production. Writing scripts, camera operation, use of graphics and other visuals, lighting, audio techniques, editing, production principles, and career opportunities are typical topics covered within production courses. Students are usually required to produce their own program or segment. Additional topics such as broadcast industry regulations, radio/TV operation, power of the medium, photography, transmission technology, and more may be included.

Business and Marketing

Course Number: 9213364G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Business and marketing courses provide students with the opportunity to learn about and manage an entrepreneurial operation. Topics may include operations, product services management, pricing, distribution, and marketing as well as the impact of interpersonal and professional skills on success in the field.

Community Service

Course Number: 9213104G

Course Level: General or regular

Credits: 0.0

Term Structure: Semester

Description:

Community Service courses provide students with the opportunity to volunteer their time, energy, and talents to serve a community project or organization. These courses are usually (but not always) conducted with a seminar component, so that students can use their volunteer experiences to learn how to solve problems, make decisions, and communicate effectively.

Computer Technology

Course Number: 9224251G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Formerly known as Introduction to Computers, Introduction to Computer Technology courses introduce students to computers, including peripheral and mobile devices; the functions and uses of computer technology; the language used in the industry; possible applications of various computer-based technologies; and occupations related to computer technology hardware and software industries. These courses typically explore legal and ethical issues associated with computer technology use, as well as how changes influence modern society. Students may also be required to perform computer technology operations.

Computer and Information Techn

Course Number: 9224003G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Computer and Information Technology courses teach students to operate and use computer and information technology, emphasizing their role as tools to communicate more effectively, conduct research more efficiently, and increase productivity. Course content includes the legal and ethical issues involved with computer technology and use.

Creative Writing @ FRCC

Course Number: 92ENG221

Course Level: College

Credits: 1.0

Term Structure: Semester

Description:

Examines techniques for creative writing by exploring imaginative uses of language through creative genres (fiction, poetry, and other types of creative production such as drama, screenplays, graphic narrative, or creative nonfiction) with emphasis on the student's own unique style, subject matter and needs. This is a statewide Guaranteed Transfer course in the GT-AH1 category.

English as Second Language II

Course Number: 9213392G

Course Level: General or regular

Credits: 0.0

Term Structure: Semester

Description:

English as a Second Language (ESL) courses are designed for the acquisition and rapid mastery of the English language, focusing on reading, writing, speaking, and listening skills. ESL courses usually begin with extensive listening and speaking practice, building auditory and oral skills, and then move on to reading and writing. These courses provide an explanation of basic structures of the English language, enabling students to progress from an elementary understanding of English words and verb tenses to a more comprehensive grasp of various formal and informal styles and then to advance to "regular" English courses. ESL classes may also include an orientation to the customs and culture of the diverse population in the United States.

English as a Second Language I

Course Number: 9213391G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

English as a Second Language (ESL) courses are designed for the acquisition and rapid mastery of the English language, focusing on reading, writing, speaking, and listening skills. ESL courses usually begin with extensive listening and speaking practice, building auditory and oral skills, and then move on to reading and writing. These courses provide an explanation of basic structures of the English language, enabling students to progress from an elementary understanding of English words and verb tenses to a more comprehensive grasp of various formal and informal styles and then to advance to "regular" English courses. ESL classes may also include an orientation to the customs and culture of the diverse population in the United States.

Environmental Science

Course Number: 9222003G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Environmental Science courses examine the mutual relationships between organisms and their environment. In studying the interrelationships among plants, animals, and humans, these courses usually cover the following subjects: photosynthesis, recycling and regeneration, ecosystems, population and growth studies, pollution, and conservation of natural resources.

Freshman Seminar

Course Number: 9213267G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Seminar courses vary widely, but typically offer a small peer group the opportunity to investigate areas of interest. Course objectives may include improvement of research and investigatory skills, presentation skills, interpersonal skills, group process skills, and problem-solving and critical-thinking skills. Seminars aimed at juniors and seniors often include a college and career exploration and planning component.

Global Climate Change @ FRCC

Course Number: 92GEO1060

Course Level: College

Credits: 1.0

Term Structure: Semester

Description:

Presents global climate change from an Earth science perspective including explorations of paleoclimatology, atmospheric science, vegetation, fluvial systems, and oceanic circulation. Analyze observed and predicted impacts of climate change on the world's terrestrial regions. Examine interrelationships among economy, society, and public policy as well as geographic variation in greenhouse gas emissions at national and regional scales. Also discussed will be efforts to mitigate climate change and its causes and/or adaptations to global climate change.

Integrated Science

Course Number: 9222201G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

The specific content of Integrated Science courses varies, but they draw upon the principles of several scientific specialties—earth science, physical science, biology, chemistry, and physics—and organize the material around thematic units. Common themes covered include systems, models, energy, patterns, change, and constancy. These courses use appropriate aspects from each specialty to investigate applications of the theme.

Interpersonal Comm @FRCC

Course Number: 92COM125F

Course Level: College

Credits: 1.0

Term Structure: Semester

Description:

Examines the communication involved in interpersonal relationships occurring in family, social and career situations. Relevant concepts include self-concept, perception, listening, nonverbal communication, and conflicts. @FRCC Course number Com 1250

JROTC1

Course Number: 9213240G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Air Force Junior Reserve Officer Training Corps (ROTC) I courses include both aerospace studies and leadership/life skills education. The Leadership Education portion of this course encompasses the traditions, wellness, and foundations of citizenship. Cadets learn Air Force customs, courtesies, how to wear the Air Force uniform properly, and various health topics. The Air Science portion of the course teaches cadets how to survive in the outdoors and includes basic wilderness first aid.

JROTC2

Course Number: 9213241G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Air Force Junior Reserve Officer Training Corps (ROTC) II courses include both aerospace studies and leadership/life skills education. The Leadership Education portion of this course teaches cadets how to communicate through writing and speaking. Cadets prepare various papers and give presentations in order to practice the skill. The Aerospace Science portion is an aviation history course which covers flight from the Wright Brothers into modern aviation.

JROTC3

Course Number: 9213242G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Air Force Junior Reserve Officer Training Corps (ROTC) III courses include both aerospace studies and leadership/life skills education. The Leadership Education portion of this course teaches cadets how to communicate through writing and speaking. Cadets prepare various papers and give presentations in order to practice the skill. The Aerospace Science portion is an aviation history course which covers flight from the Wright Brothers into modern aviation.

JROTC4

Course Number: 9213243G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Air Force Junior Reserve Officer Training Corps (ROTC) IV courses include both aerospace studies and leadership/life skills education. The Leadership Education portion of this course teaches cadets how to communicate through writing and speaking. Cadets prepare various papers and give presentations in order to practice the skill. The Aerospace Science portion is an aviation history course which covers flight from the Wright Brothers into modern aviation.

Journalism

Course Number: 9213101G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Journalism courses (typically associated with the production of a school newspaper, yearbook, or literary magazine) emphasize writing style and technique as well as production values and organization.

Literature

Course Number: 9218053G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Literature courses offer the opportunity for students to study and reflect upon the themes presented in the body of literature being presented. Students improve their critical-thinking skills as they determine the underlying assumptions and values within the reading selection and as they understand how the work reflects society's problems and culture. Oral discussion is an integral part of literature courses, and written compositions are often required. Literature courses may survey representative works, reflect a particular genre or a specific theme, or survey works of a particular time or people.

Math Lab (9-12)

Course Number: 9219303G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Mathematics—Supplemental courses, designed to be taken in addition to or in coordination with other mathematics courses, provide instruction to assist students in acquiring mathematic skills so that students attain necessary grade-level skills or reach a desired competency level.

Mentoring and Leadership

Course Number: 9213465G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

This course offers real world opportunities in mentoring elementary/middle school students through leadership and Social Emotional training. Students will learn and practice de-escalation skills and strategies while building relationships and motivation in mentee students. This class focuses on student leadership and communication skills.

Poetry

Course Number: 9218007G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Students will become familiar with a range of poetry forms from different periods of literary history. Students will learn various methods of reading poetry and of analysis of poets and poems, including understanding the formal rhythmic properties of poems, the aesthetic impact of individual poems, and the application of poetic vocabulary essential to the practice of literacy criticism.

Post Secondary Preparation

Course Number: 9213110G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Seminar courses vary widely, but typically offer a small peer group the opportunity to investigate areas of interest. Course objectives may include improvement of research and investigatory skills, presentation skills, interpersonal skills, group process skills, and problem-solving and critical-thinking skills. Seminars aimed at juniors and seniors often include a college and career exploration and planning component.

Robotics

Course Number: 9224265G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Robotics courses help students develop and expand their skills and knowledge of robotics and related scientific and engineering topics. Course topics may include principles of mechanics, electronics, hydraulics, pneumatics, programmable logic controllers. These courses may emphasize the use of engineering principles to design and build robots, construct and connect sensors, and program robots in the programming language.

Science Research Seminar

Course Number: 9213404G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Sophomore Passages

Course Number: 9213234G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Seminar courses vary widely, but typically offer a small peer group the opportunity to investigate areas of interest. Course objectives may include improvement of research and investigatory skills, presentation skills, interpersonal skills, group process skills, and problem-solving and critical-thinking skills. Seminars aimed at juniors and seniors often include a college and career exploration and planning component.

Student Assistant

Course Number: 9213137G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Student assistant courses offer students the opportunity to assist instructors in preparing, organizing, or delivering course curricula or to assist other staff members in fulfilling their duties. Students may provide tutorial or instructional assistance to other students.

Survey to Technology

Course Number: 9213297G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Introductory technology courses teach students about the features, functions, and design of computer hardware as well as how to operate and use computer and information technology effectively, emphasizing their role as tools to communicate more effectively, conduct research more efficiently, and increase productivity. Course content includes the legal and ethical issues involved with computer technology and use.

Targeted/Intensive Monitoring

Course Number: 13AW001

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

This course is a support-focused course designed to deliver targeted interventions for students needing additional time to master grade level standards. Students demonstrate growth and achieve academic success through structured, individualized support, small group instruction, one-on-one check-ins, and personalized learning plans and consistent progress tracking. This class provides students with dedicated time and resources to improve in specific academic areas, build executive functioning skills, and develop strategies for success in and beyond the classroom.

Tax Help CO Practicum @FRCC

Course Number: 92ACC1033

Course Level: College

Credits: 1.0

Term Structure: Semester

Description:

This practicum course provides hands-on experience in tax preparation, building on the skills learned in ACC 1032. Students will work with real clients to prepare tax returns under supervision.

Technology I

Course Number: 9213293G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Introductory technology courses teach students about the features, functions, and design of computer hardware as well as how to operate and use computer and information technology effectively, emphasizing their role as tools to communicate more effectively, conduct research more efficiently, and increase productivity. Course content includes the legal and ethical issues involved with computer technology and use.

WBL: Teacher Prep

Course Number: 9213474G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Students build on prior knowledge and skills in the program of study to further develop and apply employability and technical skills that prepare them for success in future career and postsecondary education.

Yearbook I

Course Number: 9218305G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Publication Production courses provide students with the knowledge and skills necessary to produce the school newspaper, yearbook, literary magazine, or other printed publication. Students may gain experience in several components (writing, editing, layout, production, and so on) or may focus on a single aspect while producing the publication.

Fine/Practical Art

Creative Art—Comprehensive

Course Number: 9210154G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Comprehensive art courses enable students to explore one or several art forms (e.g., drawing, painting, two- and three-dimensional design, and sculpture) and to create individual works of art. Initial courses emphasize observations, interpretation of the visual environment, visual communication, imagination, and symbolism. Courses cover the language, materials, media, and processes of a particular art form and the design elements used. Advanced courses encourage students to refine their skills while also developing their own artistic styles following and breaking from traditional conventions. Courses may also include the study of major artists, art movements, and styles.

Creative Art—Drawing

Course Number: 9210156G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Drawing courses provide a foundation in drawing using a variety of techniques and media (such as pen-and-ink, pencil, chalk, etc.) in both black and white and color, emphasizing observation and interpretation of the visual environment, life drawing, and imaginative drawing. These courses typically include applying the elements of art and principles of design, along with a study of art and artists from a worldwide perspective, and instruction in the critique process. Advanced courses may encourage students to refine their creative processes and develop their own artistic styles following and breaking from traditional conventions.

HS Band

Course Number: 9210101G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

General Band courses help students develop techniques for playing brass, woodwind, and percussion instruments and their ability to perform a variety of concert band literature styles. These courses may emphasize rehearsal and performance experiences in a range of styles (e.g., concert, marching, orchestral, and modern) and include experiences in creating and responding to music.

HS Choir

Course Number: 9210221G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Chorus courses develop students' vocal skills within the context of a large choral ensemble in which they perform a variety of styles of repertoire. These courses are designed to develop students' vocal techniques and their ability to sing parts and include experiences in creating and responding to music.

HS Orchestra

Course Number: 9210225G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Orchestra courses help develop students' technique for playing strings instruments. These courses may emphasize collaboration through rehearsal and performance experiences in creating and responding to music.

Photography

Course Number: 9210218G

Course Level: General or regular

Credits: 0.5

Term Structure: Semester

Description:

Photography courses provide students with an understanding of photographic media, techniques, and processes. These courses focus on development of photographic compositions through manipulation of the fundamental processes of artistic expression. Students may learn to make meaningful visual statements with an emphasis on personal creative expression to communicate ideas, feelings, or values. Photography courses may also include the history of photography, historic movements, image manipulation, critical analysis, and some creative special effects. Students engage in critiques of their photographic images, the works of other students, and those by professional photographers for the purpose of reflecting on and refining work.

Government

American Government @FRCC

Course Number: 92PSC1011

Course Level: College

Credits: 1.0

Term Structure: Semester

Description:

Includes the background of the U.S. Constitution, the philosophy of American government, general principles of the Constitution, federalism, and civil liberties. Examines public opinion and citizen participation, political parties, interest groups, electoral process, and the structure and functions of the national government. This is a statewide Guaranteed Transfer course in the GT-SS1 category.

Civics

Course Number: 9223161G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Civics courses examine the general structure and functions of U.S. systems of government, the roles and responsibilities of citizens to participate in the political process, and the relationship of the individual to the law and legal system.

U.S. Government—Comprehensive

Course Number: 9223151G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

U.S. Government—Comprehensive courses provide an overview of the structure and functions of the U.S. government and political institutions and examine constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. These courses may examine the structure and function of state and local governments and may cover certain economic and legal topics.

Health

Health and Fitness

Course Number: 9229052G

Course Level: General or regular

Credits: 1.0

Term Structure: Semester

Description:

Topics covered within Health Education courses may vary widely, but typically include personal health (nutrition, mental health and stress management, drug/alcohol abuse prevention, disease prevention, and first aid) and consumer health issues. The courses may also include brief studies of environmental health, personal development, and/or community resources.