

2019-2020

Parlier High School

Counseling and Registration Guide

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Parlier, CA 93648
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Parlier Unified School District Non-Discrimination Statement

Parlier Unified School District does not allow discrimination, intimidation, harassment (including sexual harassment) or bullying based on a person's actual or perceived race, color, ancestry, nationality/national origin, immigration status, ethnic group identification/ethnicity, age, religion, marital status/ pregnancy/ parental status, physical or mental disability, sex, sexual orientation, gender, gender identity, gender expression, genetic information, medical information or association with a person or group with one of more of these actual or perceived characteristics. For questions or complaints, contact Equity Officer: Scott Griffin, (Human Resources Director); 900 Newmark Ave. Parlier CA 93648. Phone:(559) 646-2731 Email: scott.griffin@parlierunified.org ; and Title IX Compliance Officer: Scott Griffin, (Human Resources Director); 900 Newmark Ave. Parlier CA 93648. Phone:(559) 646-2731 Email: scott.griffin@parlierunified.org

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AGRICULTURE DEPARTMENT

Introduction to Agriculture P - Year Course

Grade Level: 9-12
Prerequisite: None
Credits: 10

This course is offered to first year agriculture students (9-12th) who are planning to major in agriculture in college or want to work in the agriculture industry. This is a hands on course that explores all areas of agriculture education which includes animal science, plant science, Ag business, horticulture, Ag mechanics and FFA Leadership. The course is designed in conjunction with Agriculture Biology to meet UC requirements and California State Standards for Biological Sciences. It has been designed to provide students with a unique perspective of agriculture and its impact on American Society. Throughout the course, students are graded on participation in intracurricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program. **Completion of this course meets one year of the Electives requirement for graduation and one year of the Electives requirement (AREA-G) for the CSU/UC system.**

Ornamental Horticulture P (VROP)—Year Course

Grade Level: 10-12
Prerequisite: None
Credits: 10

Ornamental Horticulture is a course designed to introduce and develop entry-level skills and experiences associated with Ornamental Horticulture and Floriculture industries, as well as pursuing further education at a Community College or University. Students will obtain skills in the area of horticulture, greenhouse function and use, landscape design, landscape maintenance, floriculture, turf, business sales and communications. Emphasis will be on a nursery landscape laboratory that includes: propagation, shade and greenhouses, a class landscape project, landscape park laboratory, flower gardens and a retail sales project. Throughout the course, students are graded on participation in intracurricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program. **Completion of this course meets one year of the Science requirement for graduation and one year of the Electives requirement (AREA-G) for the CSU/UC system.**

Greenhouse Management P - Year Course

Grade Level: 11-12
Prerequisite: Intro to Ag. P or Ornamental Horticulture P
Credits: 10

Designed as an advanced class in ornamental horticulture, students learn and apply skills in both operating and maintaining environments for correct plant growth. Emphasis on identification and control of pests and weeds, soils, plant propagation, transplanting, merchandising of ornamental plants, purchasing and inventory control, and safe use of nursery materials, supplies and equipment. Throughout the course, students are graded on participation in intracurricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program. **Completion of this course meets one year of the Electives requirement for graduation and one year of the Electives requirement (AREA-G) for the CSU/UC system.**

Intro to Ag Mechanics (VROP) (MAG-40) – Year Course

Grade level: 9-12
Prerequisite: None
Credits: 10

This course will cover selection, care, and use of common tools, shop safety, plumbing, electrical, land surveying, cement work, projects of wood and metal; mechanical skills in the field of agriculture will be taught. Course is taught primarily to prepare agricultural mechanics students, but skills are applicable to general agriculture. This course will teach students specialized skills for the construction, maintenance, repair and service of agricultural equipment. Students will also learn the principles and theories of electricity, plumbing, rope work, and cement. The course curriculum is built around the California Department of Education Career Preparation Standards. Throughout the course, students are graded on participation in intracurricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program. **Completion of this course meets one year of the Electives requirement for graduation. This course is also a College-Level Dual Enrollment (DE) course through RC.**

Ag Welding (VROP) (MAG-41)– Year Course

Grade Level: 10-12
Prerequisite: Intro Ag Mechanics with a “C” or better or by Instructor approval
Credits: 10

This course provides an introduction into the welding industry as it relates to agricultural mechanics. Instruction in the areas of safety, welding processes, equipment, and the properties of metals will be covered. Students will become efficient in the use of SMAW, GMAW, Plasma Cam and Oxy-Acetylene welding and cutting. The course curriculum is built around the California Department of Education Career Preparation Standards. Throughout the course, students are graded on participation in intracurricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program. **Completion of this course meets one year of the Electives requirement for graduation. This course is also a College-Level Dual Enrollment (DE) course through RC.**

Ag Construction (VROP)– Year Course

Grade Level: 11-12
Prerequisite: Ag Welding with a “C” or better or by Instructor approval
Credits: 10

This advanced course will teach students specialized skills for the construction, maintenance, repair and service of agricultural equipment and facilities. This class will teach the student to fabricate and adapt various pieces of farm machinery and facilities by cutting, forming, and welding different types of metals. Students may apply principles of plumbing, electrical, welding, concrete work, fencing and some animal husbandry skills. The course integrates math, and physical applications to applied principles within the everyday work world. Throughout the course, students are graded on participation in intracurricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program. **Completion of this course meets one year of the Electives requirement for graduation.**

Ag Engineering/Fabrication - Year Course

Grade Level: 12
Prerequisite: Ag Construction “C” or better or by Instructor approval
Credits: 10

This advanced course will teach students specialized skills for the construction, maintenance, repair and service of agricultural equipment. This course will teach students to fabricate medium to large size projects by cutting, forming, and welding different types of metals. Examples of projects may include: trailers, BBQ’s, smoker barrels, fire pits, repairs of farm equipment and others. This course integrates Math and physical applications to applied principles within the everyday work world. The course curriculum is built around the California Department of Education Career Preparation Standards, Agriculture Model Curriculum Guide, Tech Prep Career Path Standards, and Industry Standards. Throughout the course, students are graded on participation in

intracurricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program. **Completion of this course meets one year of the Electives requirement for graduation. This course is also a College-Level Dual Enrollment (DE) course through RC.**

Agriculture Shop Manager Internship - Year Course

Grade Level: 12
Prerequisite: By Instructor approval only
Credits: 10

This advanced one year course builds on students' shop skills and machine knowledge by providing them the opportunity to keep tool/part/consumable inventories, repair, adjust, and renew machinery and tools, and give students the chance to build jigs, small equipment, and install facility upgrades in a shop management internship. There will be 2 internships open per year. Leadership, FFA, and SAE are taught in this course.

Completion of this course meets one year of the Electives requirement for graduation.

Sustainable Agriculture Biology P- Year Course (Ag Sci)

Grade Level: 10-12
Prerequisite: Conceptual Physics (passing grade) or Ag. Department Approval.
Credits: 10

This course which is organized into four major units, integrates biological science practices and knowledge into the practice of sustainable agriculture. Unit one addresses the question: What is sustainable agriculture? Unit two: How does sustainable agriculture fit into our environment? Unit three: What molecular biology principles guide sustainable agriculture? Unit four: How do we make decisions to maximize sustainable agricultural practices within a functioning ecosystem? Within each unit, specific life science principles integrate with agricultural principles as students gain knowledge of how the two disciplines inform each other, culminating in the development of a sustainable farm model and portfolio of supporting student research. Throughout the course, students are graded on participation in intracurricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program.

Completion of this course meets one year of the Science requirement for graduation and one year of the Lab Science requirement (AREA-D) for the CSU/UC system.

Ag/Soil Chemistry P - Year Course (Ag Sci)

Grade Level: 11-12

Prerequisite: Sustainable Ag. Biology P and Math 1P “C” or better and/or Ag.Dept. approval.

Credits: 10

This course explores the physical and chemical nature of soil as well as the relationships between soil, plants, animals and agricultural practices. Students examine properties of soil and land and their connections to plant and animal production. Using knowledge of scientific protocols as well as course content, students develop an Agriscience research program to be conducted throughout the first semester of the course. Throughout the course, students are graded on participation in intracurricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program. **Completion of this course meets one year of the Science requirement for graduation and one year of the Lab Science requirement (AREA-D) for the CSU/UC system.**

AgriScience Management Honors - Year Course (Ag Sci)

Grade Level: 11-12

Prerequisite: Sustainable Ag Biology P or Ag/Soil Chemistry P

Credits: 10

This integrated class combines an interdisciplinary approach to laboratory science and research with agricultural management principles. Using skills and principles learned in the course, including the chemical and biological principles that govern plant science and crop production, students design systems and experiments to solve agricultural management issues currently facing the industry. Additionally, students connect the products created in this class with industry activities to link real world encounters and implement skills demanded by both colleges and careers. The course culminates with an agriscience experimental research project in which students design and conduct an experiment to solve a relevant agricultural issue. Final projects will be eligible for Career Development Event competition at FFA events. Throughout the course, students will be graded on participation in intracurricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program. **Completion of this course meets one year of the Science requirement for graduation and one year of the Lab Science requirement (AREA-D) for the CSU/UC system.**

BUSINESS DEPARTMENT

Computer Concepts/Information Systems (IS 15) – Year Course

Grade Level: 9-12
Prerequisite: None
Credits: 10

This course introduces students to keyboarding and Microsoft Office. In this course, students will use both computer programs and textbooks to learn the basics of keyboarding and computer technology. Students will apply problem-solving skills to hands-on, real-life situations using a variety of software applications, such as word processing, spreadsheets, presentation software, and desktop publishing. Students will explore topics related to computer concepts, operations systems, and emerging technologies. This will include creating and updating documents using word processing and desktop publishing programs, and creating slideshows. **Completion of this course meets one year of the Electives requirement for graduation; (IS 15) is also a College-Level Dual Enrollment (DE) course through RC.**

Website Development HTML (IS 40-A/B) -Year Course

Grade Level: 11-12
Prerequisite: Robotics and/or Advanced Robotics recommended; 2.0 minimum overall GPA; STEM majors
Credits: 10

An introduction to Web Development course using web authoring software and HTML. Emphasis is on production, design and usability. Students will apply skills and concepts to plan, develop and upload a small website. This course provides a hands-on exploration in cutting edge HTML techniques needed to enhance websites. The course will review the current web frameworks used in industry. There will be an emphasis in creating HTML forms, processing of web form data, and web application development as a whole. Students in this course will have the option of earning up to 6 CSU-transferrable units (IS-40A and IS-40B) (A, CSU). **Completion of this course meets one year of the electives requirement for graduation. This course is also a College-Level Dual Enrollment (DE) course through RC.**

ENGLISH DEPARTMENT

English I P– Year Course

Grade Level: 9-12
Prerequisite: None
Credits: 10

This course addresses the California English Language Arts State Standards using various types of literature including poetry, novels, essays, short stories and dramas. Reading comprehension and critical-thinking skills will be developed using informational materials. Reading skills include word analysis, fluency and systematic vocabulary development. Writing skills will be addressed through a variety of formal and informal writing tasks. Oral language skills are strengthened through oral presentations for an audience. **Completion of this course meets one year of the English requirement for graduation and one year of the English requirement (AREA-B) for the CSU/UC system.**

English I Honors

Grade Level: 9-12
Prerequisite: At least a “B” in 8th Grade English; Instructor approval
Credits: 10

This course is a rigorous, accelerated, performance based program for those students who wish to excel in English. This course addresses the California English Language Arts State Standards using various types of literature including poetry, novels, essays, short stories and dramas. Reading comprehension and critical-thinking skills will be developed using informational materials. Reading skills include word analysis, fluency and systematic vocabulary development. Writing skills will be addressed through a variety of formal and informal writing tasks. Oral language skills are strengthened through oral presentations for an audience. **Completion of this course meets one year of the English requirement for graduation and one year of the English requirement (AREA-B) for the CSU/UC system.**

English II P– Year Course

Grade Level: 10-12
Prerequisites: None
Credits: 10

This course will feature written and oral analysis, interpretation, and discussion of various works and genres of literature including, but not limited to, short stories, novels, poetry, non-fiction, drama, and legends. Grammar will be revisited, especially as it pertains to the quality and clarity of writing. Students will practice and refine their reading comprehension, writing, and speaking skills, with a focus on writing/presenting to an audience. **Completion of this course meets one year of the English requirement for graduation and one year of the English requirement (AREA-B) for the CSU/UC system.**

English II Honors - Year Course

Grade Level: 10
Prerequisites: English 1P “B” or better; Instructor approval
Credits: 10

This course is a rigorous, accelerated, performance based program for those students who wish to excel in English. This college-preparatory course will feature above and beyond written and oral analysis, interpretation, and discussion of various works and genres of literature including, but not limited to, short stories, novels, poetry, non-fiction, World Literature, non-fiction, drama, and legends. Students will read novels, short stories, drama, nonfiction and poetry. Grammar is taught in conjunction with composition. Students will write multiple essays including both expository and persuasive. Additionally, students will write research and synthesis papers that will enhance their knowledge of the research process, including how to annotate and use citation. Students will also practice and extend their reading comprehension, writing, and speaking skills, with a focus on writing/presenting to an audience. At the end of this course there will be a comprehensive final exam and a culminating project that will demonstrate depth of knowledge and sustained mastery of subject material. **Completion of this course meets one year of the English requirement for graduation and one year of the English requirement (AREA-B) for the UC/CSU system.**

English III P– Year Course

Grade Level: 11-12
Prerequisite: None
Credits: 10

Students enrolled in this course will study American literature within a historical context. This course includes intensive vocabulary, reading, and writing development and an overall increase in academic English fluency. Speaking, listening, and critical thinking skills are emphasized to develop higher-level communication skills. Rigorous college-level readings and literature analysis are required along with completion of various papers throughout the school year. **Completion of this course meets one year of the English requirement for graduation and one year of the English requirement (AREA-B) for the CSU/UC system.**

English III Honors – Year Course

Grade Level: 11
Prerequisite: Minimum grade of “B” in both semesters of previous English class (English II Honors preferred); Instructor approval; Must complete this course to be eligible to take AP English Literature
Credits: 10

The goal of this course is to prepare students for AP English Literature and for the rigors of college-level reading, writing, and critical thinking. Students will improve critical reading and thinking skills through in-depth literary analysis. Selected pieces of fiction and non-fiction will be used to practice reading for depth of understanding. They will further develop their ability to tackle every stage of the writing process through in-class on-demand writing assignments, research, and formal essays. Students will increase their writing skills through an intensive writing program to meet beginning college-level writing standards. The study of vocabulary, grammar, and usage will be applied to writing essays and presenting speeches. Critical thinking skills will be emphasized in all aspects of this course. **Completion of this course meets one year of the English requirement for graduation and one year of the English requirement (AREA-B) for the CSU/UC system.**

English III H/Future Teachers - NEW

Grade Level: 11
Prerequisite: Minimum grade of “B” in both semesters of previous English class (English II Honors preferred); Instructor approval
Credits: 10

This course is a college preparatory eleventh grade English course integrated with the Education pathway standards of the Education, Child Development, and Family Services sector, which allows students to see where the skills of English intersect with the elements of education. Students conduct research, closely read and analyze complex texts, evaluate instructional methodology and philosophy, and create a portfolio of reflections, activities, and compositions that, when synthesized, serve as the foundation for three capstone projects. Students will present a standards-based lesson plan, research a contemporary issue in education, and participate in a mock job interview, all of which prepare them for further education and career opportunities in the field of Education, Child Development, and Family Services. This course is a program-approved UCCI course (UC Curriculum Integration) which meets core subject and career technical education standards. **Completion of this course meets one year of the English requirement for graduation and one year of the English requirement (AREA-B) for the CSU/UC system.**

AP Language and Composition - Year Course

Grade Level: 11
Prerequisite: English II Honors “B” or better; Instructor approval
Credits: 10

This course is an academically rigorous course designed to help students with reading and writing skills that they will need for college success. The course is organized according to the requirements and guidelines outlined by the College Board in the *AP Language and Composition Course Description*. Students in this course will read diverse texts and become flexible, reflective writers. This course will build on rhetorical techniques and literary terms for analyzing non-fiction, poetry, and fiction. Students will explore the various sections of the AP English Language Exam, practice through weekly activities, and take timed practice exams. The course will follow an approved curriculum map centered around seminal American works. The course will use the Common Core State Standards for English Language Arts, Grades 11-12. Activities will vary and include the essential components of success: collaboration, communication, creativity, and critical thinking. Students will analyze literature as well as images, and other forms of media, and apply learning to new or personal situations.

Completion of this course meets one year of the English requirement for graduation and one year of the English requirement (AREA-B) for the CSU/UC system.

English IV P– Year Course

Grade Level: 12
Prerequisite: English III P
Credits: 10

English IV is designed for self-motivated students and promotes rigor with support to ensure student success. In this course students will be expected to perform at, or above, a twelfth grade level. This course stresses critical analysis and thinking skills, effective communication skills, evidence-based claims, and extensive writing assignments. Students will continue to develop reading skills using a variety of expository texts and various novels. This course will also emphasize the writing process and students will be expected to deliver oral reports. **Completion of this course meets one year of the English requirement for graduation and one year of the English requirement (AREA-B) for the CSU/UC system.**

AP English Literature and Composition– Year Course

Grade Level: 12
Prerequisite: English III P “B” or better and Completion of Summer Assignments, English II Honors, English III Honors; Instructor approval
Credits: 10

AP Literature and Composition is an academically rigorous course designed to prepare students for the AP test in English Literature, and to introduce students to the rigor of college level work. Students in this course will read and analyze an extensive list of fiction and non-fiction text. Students will also write analytical essays in response to the text they are reading. This course will require that students complete daily homework, heavy reading, and extensive writing assignments. A score of 3 or above on the AP Literature and Composition Exam will qualify students for college English credit. **Completion of this course meets one year of the English requirement for graduation and one year of the English requirement (AREA-B) for the CSU/UC system.**

CSU Expository Reading and Writing– Year Course

Grade Level: 12
Prerequisite: English III P “C” or better, English III Honors
Credits: 10

Expository Reading and Writing is a course designed to prepare college-bound seniors for the literacy demands of higher education. This course will follow a sequence of fourteen rigorous instructional modules in which students will become proficient in expository, analytical, and argumentative reading and writing. Course texts include contemporary essays, newspaper and magazine articles, editorials, reports, biographies, assorted public documents, and a non-fiction novel. **Completion of this course meets one year of the English requirement for graduation and one year of the English requirement (AREA-B) for the CSU/UC system.**

Bible Literature P– Year Course

Grade Level: 12
Prerequisite: Minimum of “C” grade in most recent English P course
Credits: 10

Students in this class will read and analyze both the Old and New Testaments of the Bible. Students will be given copious amounts of academic and theological information and will be required to keep notes on all the information for the tests. Students will also need to do some biblical research for at least four formal essays and be prepared to present their findings to the class. **Completion of this course meets one year of the English requirement for graduation and one year of the English requirement (AREA-B) for the CSU/UC system.**

Reading Lab– Year Course

Grade Level: 9-12
Prerequisite: Below standard test scores or by Instructor recommendation
Credits: 10

This course uses the Read 180 reading program to help improve the student’s basic reading skills. Students in this class will be taught to understand the reading process and be given the necessary strategies to differentiate between, read and comprehend both narrative and expository texts. The program uses whole group, small group and individual instruction to address the individual reader’s needs. **Completion of this course meets one year of the Electives requirement for graduation. This course should not replace the grade level required English class. It should be taken in conjunction with previously listed courses.**

Creative Writing- Year Course

Grade Level: 9-12

Prerequisite: C or better in previously enrolled English class

Credits: 10

A year-long course dedicated to developing students' creative voice in various genres. To write well, students must read, question, and explore various sample and model texts before diving into their own creation of that model genre. Units to be covered: Poetry, fiction, creative non-fiction, and play-writing. Students will be expected to read models of the genre and keep a reflection journal in order to feed and fuel their creative process. At the end of each genre, students will take this study and create a portfolio of creative work for each genre. Art and multi-media will be incorporated into the projects. This class creates a space for the artsy creative kids to throw their voice into the mix of contemporary literature. **Completion of this course meets one year of the Electives requirement for graduation. This course should not replace the grade level required English class. It should be taken in conjunction with previously listed courses.**

ENGLISH LANGUAGE DEVELOPMENT DEPARTMENT

ELD 1– Year Course

Grade Level: 9-12
Prerequisite: ELPAC Test Scores
Credits: 10

This ELD course is designed for students who have little or no previous formal English instruction and have identified as non-English Speakers. This course focuses on vocabulary development with integration of listening, speaking, reading, and writing skills recommended in the state standards. Thematic units are used to teach conventions of language usage including spelling, grammar, syntax and punctuation. **Completion of this course meets one year of the English requirement for graduation.**

ELD 2– Year Course

Grade Level: 9-12
Prerequisite: ELPAC Test Scores
Credits: 10

This course is designed for students who have successfully completed ELD I or who have been identified as meeting the criteria for ELD II. This course continues to develop vocabulary, conversational skills, and grammatical structures through thematic units. Emphasis is also placed on improving students' reading and writing skills while continuing to develop listening and speaking abilities. **Completion of this course meets one year of the English requirement for graduation.**

ELD 3– Year Course

Grade Level: 9-12
Prerequisites: ELPAC Test Scores
Credits: 10

This course will cover listening and speaking skills, reading and word analysis, reading fluency and systematic vocabulary development. Also, reading comprehension, writing strategies and literary response will be emphasized. **Completion of this course meets one year of the English requirement for graduation.**

ELD 4– Year Course

Grade Level: 9-12
Prerequisite: ELPAC Test Scores
Credits: 10

This course will focus on listening and speaking strategies, word analysis, reading and systematic vocabulary development, reading comprehension, and applications Literacy responses and analysis is also an important component of this class. This curriculum will offer students an opportunity to master and refine English language skills. **Completion of this course meets one year of the English requirement for graduation.**

FINE ARTS DEPARTMENT

Beginning Band (Woodwinds) 2nd period- Year Course

Grade Level: 9-12
Prerequisite: None
Credits: 10

Beginning Band (Woodwinds) is a beginner level class for students specifically wanting to learn how to play a woodwind instrument such as the flute, clarinet, oboe, bassoon, or saxophone. Each student will be issued an instrument. The class will cover woodwind fundamentals and basic music theory. Practice outside of class time may be required. Students are required to attend all performances such as concerts, parades, and football games. It is recommended that students concurrently enroll in Concert Band (5th Period).

Completion of this course meets one year of the Fine Arts/Foreign Language requirement for graduation.

Beginning Band (Brass) 3rd Period - Year Course

Grade Level: 9-12
Prerequisite: None
Credits: 10

Beginning Band (Brass) is a beginner level class for students specifically wanting to learn how to play a brass instrument such as the trumpet, trombone, French horn, or tuba. Each student will be issued an instrument. The class will cover brass fundamentals and basic music theory. Practice outside of class time may be required. Students are required to attend all performances such as concerts, parades, and football games. It is recommended that students concurrently enroll in Concert Band (5th Period).

Completion of this course meets one year of the Fine Arts/Foreign Language requirement for graduation.

Beginning Band (Percussion) 4th Period - Year Course

Grade Level: 9-12
Prerequisite: None
Credits: 10

Beginning Band (Percussion) is a beginner level class for students specifically wanting to learn how to play a percussion instrument such as the snare drum, bass drum, tenor drum, marimba, or xylophone. Each student will be issued an instrument. The class will cover percussion fundamentals and basic music theory. Practice outside of class time may be

required. Students are required to attend all performances such as concerts, parades, and football games. It is recommended that students concurrently enroll in Concert Band (5th Period). **Completion of this course meets one year of the Fine Arts/Foreign Language requirement for graduation.**

Concert Band P- 5th Period - Year Course

Grade Level: 9-12
Prerequisite: Beginning Band
Credits: 10

Concert Band is a traditional band class setting with all woodwinds, brass, percussion classes combined. Students are able to play their instrument in a large ensemble setting. All students are required to attend all performances such as concerts, parades, football games, and festivals. ****Director approval needed**** **Completion of this course meets one year of the Fine Arts/Foreign Language requirement for graduation and one year of the Visual/Performing Arts requirement (AREA-F) for the CSU/UC system.**

Color Guard - 6th Period - Year Course

Grade Level: 9-12
Prerequisite: Beginning Band
Credits: 10

Color Guard is a class to accompany the band. Color guard members will be trained basic equipment fundamentals such as flag, rifle, and sabre. Students will also be trained in basic dance fundamentals that include ballet and jazz. Practice outside of class time may be required. Students are required to attend all performances such as concerts, parades, and football games. **Completion of this course meets one year of the Fine Arts/Foreign Language requirement for graduation.**

Marching Band P - 7th Period - Year Course

Grade Level: 9-12
Prerequisite: Concurrent enrollment in Beginning/Concert Band or Color Guard
Credits: 10

Marching Band is a combination of brass, woodwinds, percussion, and color guard students. Marching band will focus on the basic fundamentals of marching indoors and outdoors. Students will be marching playing their instrument at the same time. Practice outside of class time may be required. Students are required to attend all performances such as concerts, parades, and football games. ****Students received PE Credit for Marching Band**** **Completion of this course meets one year of the Fine Arts/Foreign**

Language requirement or Physical Education requirement for graduation and one year of the Visual/Performing Arts requirement (AREA-F) for the CSU/UC system.

Concert Choir P - 3rd Period - Year Course

Grade level: 9-12
Prerequisite: None
Credits: 10

Concert choir is a one-year course open to all students interested in participating in mixed choir (Soprano, Alto, Tenor, Bass). This course is designed to increase the vocal skill and performance levels of each student and to develop aesthetic and cultural values through critical listening. Students will sing a wide range of literature from a variety of time periods, continents, languages, cultures, and styles. Students will perform high school choral literature for performances in periodic concerts. Students may repeat class and receive credit. All students are required to attend all performances such as concerts, clinics, and festivals. **Completion of this course meets one year of the Fine Arts/Foreign Language requirement for graduation and one year of the Visual/Performing Arts requirement (AREA-F) for the CSU/UC system.**

Advanced Concert Choir P - Year Course

Grade level: 10-12
Prerequisite: Concert Choir P
Credits: 10

Advanced concert choir is a one-year course open to students who have previously completed Concert Choir P– Year Course and are interested in participating in mixed choir (Soprano, Alto, Tenor, Bass). This course is designed to *further* develop vocal skills and performance levels of each student and to develop aesthetic and cultural values through critical listening. Students will sing a wide range of literature from a variety of time periods, continents, languages, cultures, and styles. Students will perform high school choral literature for performances in periodic concerts. Students will participate in local adjudicated high school choral festivals. Students may repeat class and receive credit. All students are required to attend all performances such as concerts, clinics, and festivals. **Completion of this course meets one year of the Fine Arts/Foreign Language requirement for graduation and one year of the Visual/Performing Arts requirement (AREA-F) for the CSU/UC system.**

Beginning Piano P - 1st or 2nd Period - Year Course

Grade level: 9-12
Prerequisite: None
Credits: 10

Beginning Piano Class is a one-year course open to students who are interested in developing proficiency at playing the piano. This course is designed to teach fundamental music concepts and musicianship. Students will listen to, analyze, sight-read, and study a variety of keyboard literature. Students will gain an understanding of basic music notation. Students will develop individual playing skills and practice techniques.

Completion of this course meets one year of the Fine Arts/Foreign Language requirement for graduation and one year of the Visual/Performing Arts requirement (AREA-F) for the CSU/UC system.

Art 1P (Formerly Drawing/Painting P) – Year Course

Grade Level: 9-12
Prerequisite: None
Credits: 10

Students will learn and understand the elements and principles of design. Students will study artists, cultures, and styles of art. Students will study pencil drawing of human, animals, and animated figures. Students will work in different mediums of art, and learn how to frame and mat their artwork. Students will present their work to the class throughout art critiques. Student's critical thinking skills will be developed through critiques, hands on activities, tests, and written assignments. **Completion of this course meets one year of the Fine Arts/Foreign Language requirement for graduation and one year of the Visual/Performing Arts requirement (AREA-F) for the CSU/UC system.**

Art 2P (Formerly Ceramics P) – Year Course

Grade Level: 10-12
Prerequisite: None
Credits: 10

This class is designed for students who have an interest in working with clay. Students will make functional and sculptural works of art. Students will also learn how to use the potter's wheel with an emphasis on craftsmanship. **Completion of this course meets one year of the Fine Arts/Foreign Language requirement for graduation and one year of the Visual/Performing Arts requirement (AREA-F) for the CSU/UC system.**

Floral Design I P (VROP) (EH-37)– Year Course

Grade Level: 11-12
Prerequisite: None
Credits: 10

This course is designed to allow students to apply an artistic approach to floral design. Students will explore elements and principles of design, two or three dimensional designs, history of floral art, arrangement styles and techniques, seasonal, holiday and occasional designs. Students will achieve this through creating, designing, identifying, explaining, and evaluating floral topics. Students will learn how to be profitable, operate spreadsheets, and shop for the best deals in materials. Students will need basic math and English skills. Throughout the course, students are graded on participation in intracurricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program. **Completion of this course meets one year of the Fine Arts/Foreign Language requirement for graduation and one year of the Visual/Performing Arts requirement (AREA-F) for the CSU/UC system. This course is also a College-Level Dual Enrollment (DE) course through RC.**

Floral Design II (VROP)– Year Course

Grade Level: 11-12
Prerequisite: Floral 1 “C” or better or by Instructor approval
Credits: 10

This course is designed to allow students to acquire a hands-on approach to floral design. Students will create, design floral arrangements, and acquire various styles and techniques to be able to design floral arrangements for the seasonal holidays, and occasional community and or school event. Students will need basic math and English skills. Throughout the course, students are graded on participation in intracurricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program. **Completion of this course meets one year of the Fine Arts/Foreign Language requirement for graduation.**

Intro to Multi-Media P (VROP) (GRC-20) - Year Course

Grade Level: 9-12
Prerequisite: None
Credits: 10

This course is a one-year comprehensive course that provides students with a wide range of computer skills and an in-depth knowledge of computer technology as it relates to the world we live in. Students develop a foundation in Illustration and Design skills using Digital Arts related software, such as Photoshop, Adobe Illustrator, Adobe Premiere, After Effects and Adobe InDesign. Students will participate in several individual, and group learning activities that include art history, criticism, and aesthetic perception. Students will develop a portfolio of their work for their final grade. **Completion of this course meets the Fine Arts/Foreign Language requirement for graduation and one year of the College Preparatory Elective requirement (AREA-G) for the CSU/UC system. This course is also a College-Level Dual Enrollment (DE) course through FCC.**

Digital Video Production P (VROP) (GRC-27)– Year Course

Grade Level: 10-12
Prerequisite: Computer Concepts, IS 15 or equivalent; Instructor approval
Credits: 10

Students will learn the specialized vocabulary of the film and television industry and develop communication and design to express themselves clearly and concisely in their production of film, video, and television segments. Students throughout the course will develop ideas individually or within groups, research subject content, script, produce, and edit. They will study the art and history of filmmaking and the creative process that precedes film and television production. Students will study the impact of film and television in society and community from a social, economic, and political viewpoint as well as the reverse impact. A variety of film will be previewed by students in class, analyzed according to historical and cultural aspects, and critiqued based on design and technological attributes. The focus of study is on the creative parts of film and how film is created and produced. **Completion of this course meets one year of the Fine Arts/Foreign Language requirement for graduation and one year of the Visual/Performing Arts requirement (AREA-F) for the CSU/UC system. This course is also a College-Level Dual Enrollment (DE) course through FCC.**

Advanced Digital Video Production - Year Course

Grade Level: 11-12
Prerequisite: Digital Video Production “C” or better
Credits: 10

This course is structured to provide students with entry-level knowledge of multi-media production techniques, to prepare for real-world vocational opportunities. Advanced

Digital Video Production is a two-semester course in the Arts and Media Entertainment field, and it is designed to practice and improve on the production of film, video, internet content, media creation, editing, sound design, and television techniques used within the industry while learning common practices of on-set protocol and digital workflow. Topics of study will include: Sound Characteristics, Sound Console Layout, Audio Recording Machines, microphone design, speaker design, Basic Lighting, Camera operation & composition, Video Recording Machines & Techniques, Editing and Commercial Production for Advertising. Throughout the year hands-on development of projects gives practical application to what is taught. **Completion of this course meets one year of the Fine Art/Foreign Language requirement for graduation.**

FOREIGN LANGUAGE DEPARTMENT

Spanish I P– Year Course

Grade Level: 9-12
Prerequisite: None
Credits: 10

Beginning levels of pronunciation and conversation are emphasized. Basic grammar skills in reading and writing will be developed with an emphasis on syntax. **Completion of this course meets one year of the Fine Arts/Foreign Language requirement for graduation and one year of the Language other than English requirement (AREA-E) for the CSU/UC system.**

Spanish II P– Year Course

Grade Level: 9-12
Prerequisite: Spanish I with a “C” grade or better or by Instructor approval
Credits: 10

A continuation of Spanish I, with emphasis on further mastery of spoken Spanish and reading and writing skills. Grammatical structure and syntax will be emphasized. **Completion of this course meets one year of the Fine Arts/Foreign Language requirement for graduation and two years of the Language other than English requirement (AREA-E) for the CSU/UC system.**

Spanish III P– Year Course

Grade Level: 10-12
Prerequisite: Spanish II with “C” grade or better or Instructor approval
Credits: 10

This course is a continuation of Spanish II. Language will be learned and reviewed more in depth. Activities will include all verb tenses and use more difficult materials that enable the student to speak, read and write at a more advanced level. Critical analysis of literature and creative writing will be emphasizing. **Completion of this course meets one year of the Fine Arts/Foreign Language requirement for graduation and three years of the Language other than English requirement (AREA-E) for the CSU/UC system.**

AP Spanish Language– Year Course

Grade Level: 11-12
Prerequisite: Spanish III P with a “B” grade or better; Instructor approval
Credits: 10

This course emphasizes advanced grammar and crucial analysis using different genres of literature in preparation for the Spanish AP examination. Class also includes study of the customs and culture of Spanish-speaking countries. Instruction is conducted primarily in Spanish. **Completion of this course meets one year of the Fine Arts/Foreign Language requirement for graduation and four years of the Language other than English requirement (AREA-E) for the CSU/UC system.**

French I P– Year Course

Grade Level: 9-12
Prerequisite: None
Credits: 10

A beginning level course in French that includes speaking, listening, and the basic elements of sentence structure for reading and writing. Class also introduces students to French culture and customs. **Completion of this course meets one year of the Fine Arts/Foreign Language requirement for graduation and one year of the Language other than English requirement (AREA-E) for the CSU/UC system.**

French II P– Year Course

Grade Level: 10-12
Prerequisite: French I P with a “C” grade or better or Instructor approval
Credits: 10

A continuation of work begun in French I with an emphasis on oral skills & syntax. More advanced reading and writing skills are introduced at this level. Students write and act in group video presentations. **Completion of this course meets one year of the Fine Arts/Foreign Language requirement for graduation and two years of the Language other than English requirement (AREA-E) for the CSU/UC system.**

MATHEMATICS DEPARTMENT

Foundations of Algebra – Year Course NEW

Grade Level: 9-10
Prerequisite: None
Credits: 10

Foundations of Algebra provides a curriculum focused on foundational concepts that prepare students for success in Math 1. Course topics include integers; the language of algebra; solving equations with addition, subtraction, multiplication, and division; fractions and decimals; measurement; exponents; solving equations with roots and powers; multi-step equations; and linear equations. **Completion of this course meets one year of the Math requirement for graduation.**

Math 1P– Year Course

Grade Level: 9-12
Prerequisite: None
Credits: 10

This course includes concepts and skills that involve using symbols, variables, and symbolic operations. Problem solving strategies are used to develop core concepts and solve challenging problems. This standard-based course focuses on the following four clusters: (1) number properties, operations, and linear equations, (2) graphing systems of linear equations, (3) quadratics and polynomials, and 4) functions and rational expressions. **Completion of this course meets one year of the Math requirement for graduation and one year of the Mathematics requirement (AREA-C) for the CSU/UC system.**

Math 1P Honors – Year Course

Grade Level: 9
Prerequisite: Placement Test or Teacher Recommendation
Credits: 10

This is an accelerated Math 1 course that includes concepts and skills that involve using symbols, variables, and symbolic operations. Problem solving strategies are used to develop core concepts and solve challenging problems. This standard-based course focuses on the following four clusters: (1) number properties, operations, and linear equations, (2) graphing systems of linear equations, (3) quadratics and polynomials, and 4) functions and rational expressions. **Completion of this course meets one year of the Math 1 requirement for graduation and one year of the Mathematics requirement (AREA-C) for the CSU/UC system.**

Math 2P– Year Course

Grade Level: 9-12
Prerequisite: Math 1P with a “C” or better (second semester)
Credits: 10

This course has the primary purpose of developing geometric skills and concepts and the ability to construct and/or understand formal logical arguments and proofs in a geometric setting. This is a standard-based course that focuses on the following four clusters: (1) logic and geometry proofs, (2) angle relationships, constructions, and lines, (3) trigonometry, (4) volume and area formulas. **Completion of this course meets one year of the Mathematics requirement for graduation and one year of the Mathematics requirement (AREA-C) for the CSU/UC system.**

Math 2 Honors– Year Course

Grade level: 9-10
Prerequisite: Math 1P with an “A”
Credits: 10

This is an accelerated Math 2 course that has the primary purpose of developing geometric skills and concepts and the ability to construct and/or understand formal logical arguments and proofs in a geometric setting. This is a standard-based course that focuses on the following four clusters: (1) logic and geometry proofs, (2) angle relationships, constructions, and lines, (3) trigonometry, (4) volume and area formulas. **Completion of this course meets one year of the Mathematics requirement for graduation and one year of the Mathematics requirement (AREA-C) for the CSU/UC system.**

Algebra Concepts P - Year Course

Grade Level: 11-12

Prerequisite: None

Credits: 10

Algebra 1 is the foundation for high school mathematics. Throughout the year the focus will be on topics such as (but not limited to), relationship between quantities, linear relationships, exponential and quadratic relationships, advanced functions and equations, and data analysis. Various strategies to engage students in problem solving and reasoning will be used. **Completion of this course meets one year of the Mathematics requirement for graduation and one year of the Mathematics requirement (AREA-C) for the CSU/UC system.**

Math 3P– Year Course

Grade Level: 10-12

Prerequisite: Math 2P with a “C” or better (second semester)

Credits: 10

This course expands on the basic algebraic concepts involved in solving equations and inequalities, factoring polynomials, graphs, exponents, and solving quadratic equations. In addition, it examines quadratic, logarithmic, and exponential functions, the application of functions to real world problems, conic sections, probability, trigonometric functions, and complex numbers. **Completion of this course meets one year of the Mathematics requirement and two years of the Mathematics requirement (AREA-C) for the CSU/UC system.**

Math 3 Honors – Year Course

Grade Level: 10-12

Prerequisite: Math 2P with an “A” or by teacher recommendation, Prerequisite for Calculus AB

Credits: 10

This accelerated course prepares the student to further their studies in mathematics. Advanced concepts involved in solving equations and inequalities, factoring polynomials, graphs, exponents, and solving quadratic equations. In addition, it examines quadratic,

logarithmic, and exponential functions, the application of functions to real world problems, trigonometric functions, trigonometric identities, and complex numbers.

Completion of this course meets one year of the Mathematics requirement and one year of the Mathematics requirement (AREA-C) for the CSU/UC system.

Statistics & Probability P –Year Course

Grade Level: 11-12

Prerequisite: Math 3 “B” or better; (or "C" with Instructor approval)
or concurrent enrollment in Math 3

Credits: 10

Statistics and Probability is designed for college bound juniors who have demonstrated success in Math and wish to continue to explore a large range of topics with an emphasis on “real world” applications such as games of chance, random population, and actuarial science. Technology plays an important role in statistics and probability by making it possible to generate plots, regression functions, and correlation coefficients, and to simulate many possible outcomes in a short amount of time. Students will regularly apply the tools of technology including the graphing calculator and computer to solve problems. They will be challenged through critical thinking exercises and participate in various group and individual activities that will enhance their mathematical reasoning ability and communication skills. Students are expected to use the information and technology in various ways in real world applications. **Completion of this course meets one year of the Mathematics requirement for graduation and one year of the Mathematics requirement (AREA-C) for the CSU/UC system.**

Pre-Calculus P– Year Course

Grade Level: 11-12

Prerequisite: Math 3P with a “C” or better (second semester) or Standard Met Score on SBAC - Prerequisite for Calculus AB

Credits: 10

This course prepares the student to further their studies in mathematics. Advanced concepts from Math 3, Math 2, Trigonometry, functions, systems, matrices, sequences and series, and limits are studied in preparation for the study of Calculus. **Completion of this course meets one year of the Mathematics requirement for graduation and three years of the Mathematics requirement (AREA-C) for the CSU/UC system.**

AP Calculus AB– Year Course

Grade Level: 11-12
Prerequisite: Pre-Calculus P or Math 3 Honors with a “C” or better (second semester) or Standard Met Score on SBAC
Credits: 10

This course studies the calculus of functions in a single variable and covers the following four major ideas: limits, derivatives, indefinite integrals and definite integrals and their applications. It also focuses on representing functions in a variety of ways (graphical, numerical, analytical and verbal) and understanding the “derivative” in terms of a rate of change and the “definite integral” as a limit of sums and the net accumulation of change.

Completion of this course meets one year of the Mathematics requirement for graduation and four years of the Mathematics requirement (AREA-C) for the CSU/UC system.

AP Calculus BC– Year Course

Grade Level: 12
Prerequisite: AP Calculus AB with “C” or better (second semester)
Credits: 10

AP Calculus BC is roughly equivalent to both first and second semester college calculus courses and extends the content learned in AB to different types of equations and introduces the topic of sequences and series. The AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. **Completion of this course meets one year of the Mathematics requirement for graduation and four years of the Mathematics requirement (AREA-C) for the CSU/UC system.**

Consumer Math– Year Course

Grade Level: 12
Prerequisite: Math 1 with “C” or better and Instructor/Counselor Approval
Credits: 10

This is a comprehensive course in practical, applied consumer mathematics. This course will teach the skills students need to manage their personal finances, future jobs, and everyday life. Topics pertaining to business math. **Completion of this course meets one year of the Mathematics requirement for graduation.**

NJROTC DEPARTMENT

Naval Science I– Year Course

Grade Level: 9-12
Prerequisite: None
Credits: 10

This course introduces the student to the NJROTC Program. Topics of instruction include leadership, effective study habits, military customs, and courtesies. Military drill and physical conditioning are each conducted one day a week. All students are issued a regulation Navy uniform which they wear one day each week. The uniform is issued at no charge (provided that it is returned at the end of the semester). Students are eligible to participate in the drill team, color guard, rifle team, academic team and various other extracurricular activities and field trips. **Completion of this course meets one year of the Physical Education requirement for graduation.**

Naval Science II– Year Course

Grade Level: 10-12
Prerequisite: Naval Science I
Credits: 10

Naval Science II continues the strong leadership principles learned in the previous course. In addition, classes are conducted in career opportunities in the Sea Services, naval weapons, naval shipboard organizations and rights and responsibilities in a democracy. Students continue to wear their uniforms once each week and are participants and mid-grade leaders in all extracurricular activities. **Completion of this course meets one year of the Physical Education requirement for graduation.**

Naval Science III P – United States Naval History– Year Course

Grade Level: 11-12
Prerequisite: Naval Science I or Instructor approval

Credits: 10

This course covers the history of the United States from revolutionary times to modern times, with an emphasis on the history of sea power. Students taking this course are the leaders of the NJROTC program and provide leadership, guidance and assistance to the members of the NJROTC unit. **Completion of this course meets one year of the United States History requirement for graduation and one year of the Elective requirement (AREA-G) for the CSU/UC system.**

Naval Science IV– Year Course

Grade Level: 12
Prerequisite: Naval Science II
Credits: 10

This course is a more in-depth look at leadership. Each semester the student will select and complete a leadership project. Classroom work will be led by NJROTC leaders. **Completion of this course meets one year of the Electives requirement for graduation.**

Naval Air Rifle Team – Year Course

Grade Level: 10 -12
Prerequisite: Naval Science 1; Instructor approval
Credits: 10

This course is designed for those students currently enrolled in the NJROTC program and engaged in one of the main competitive teams the program offers. The main goal of this course is to enhance the student's skill sets in their particular team of interest and to encourage student leadership. Students not enrolled in NJROTC who display an interest in joining one of these teams may do so with prior approval of the team coach. This course of instruction is only offered during the **1st period** of the school day to work in conjunction with after school practices. **Completion of this course meets Physical Education requirement or United States History requirement or one year of the Elective requirement (AREA-G) for the CSU/UC system for graduation.**

Naval Drill & Color Guard Team – Year Course

Grade Level: 10 -12
Prerequisites: Naval Science 1; Instructor approval
Credits: 10

This course is designed for those students currently enrolled in the NJROTC program and engaged in one of the main competitive teams the program offers. The main goal of this course is to enhance the student's skill sets in their particular team of interest and to encourage student leadership. Students not enrolled in NJROTC who display an interest in joining one of these teams may do so with prior approval of the team coach. This course of instruction is only offered during the **7th period** of the school day to work in conjunction with after school practices. **Completion of this course meets the Physical Education requirement or United States History requirement or one year of the Elective requirement (AREA-G) for the CSU/UC system for graduation.**

PHYSICAL EDUCATION DEPARTMENT

Physical Education- Year Course

Grade Level: 9-12
Prerequisite: None
Credits: 10

This course is required of all ninth and tenth grade students. It includes participation in a variety of physical activities that aid the students in their present and future fitness and recreational activities. Students are required to provide special clothing designed for active participation in physical activity. State-mandated physical fitness tests are given and students participate in team and individual activities. Students will be tested three times during the school year on the California Physical Fitness Test. Students must pass 5 out of the 5 components of the PFT in order to successfully move out of Physical Education. Students will be required to keep a fitness log. A skills test and written test will also be a part of the students grade. **Completion of this course meets one year of the Physical Education requirement for graduation.**

Strength & Conditioning- Year Course

Grade Level: 10-12
Prerequisite: Varsity Sport Athlete/Instructor approval
Credits: 10

Activities include sport-specific workouts that promote conditioning, weight-training, cardiovascular development, muscular development, and endurance. All activities are tailored to the student athlete's needs and/or sport. Activities included: Weight lifting, conditioning, meal planning/ dietary nutrition, etc. **Completion of this course meets one year of the Physical Education requirement for graduation. Students who complete**

the two-year PE requirement for graduation will receive Elective credit for completion of this course.

Sports PE - Basketball - Year Course - NEW

Grade Level: 9-12
Prerequisite: Basketball Athlete
Credits: 10

The class would be a basketball specific class for those student athletes that are on the men's and women's basketball teams. In the class we will be focusing on basketball specific weight training, basketball concepts, and the fundamentals of the game. The class will correlate to the California content standards numbers 2 and 3. **Completion of this course meets one year of the Physical Education requirement for graduation. Students who complete the two-year PE requirement for graduation will receive Elective credit for completion of this course.**

SCIENCE DEPARTMENT

Anatomy & Physiology P- Year Course

Grade Level: 10-12

Prerequisite: Biology H (Passing grades), or Biology P “B” or better and/or Sci. Dept. approval. Completion of Chemistry is recommended. Sophomore students require Sci-Dept Approval.

Credits: 10

Anatomy and Physiology is an advanced laboratory class of the biological sciences. The course emphasizes the structure (anatomy) and function (physiology) of the human body through a systems approach. This course is recommended for students wanting to enter the medical field or desire to learn more about the human body. Note: Animals may be dissected in this course. Alternatives to dissection are available. Students will be

required to complete a small research project as a final project for each semester. **Completion of this course meets the high school life science requirement for graduation and one year of the Lab Science requirement (AREA-D) for the CSU/UC system.**

Conceptual Physics P – Year Course

Grade Level: 9-12
Prerequisite: None
Credits: 10

Conceptual physics is the **FIRST** of three courses in the NGSS science sequence.** This is a laboratory course that presents science in a meaningful and relevant manner through issues and topics surrounding work, home, society, and the environment. As designed this is an introductory science course to engage students and emphasizes problem solving, decision making, and hands on learning. Through the application of science concepts to real life situations students gain a full understanding of the role of physics, chemistry, space and earth sciences. All units with this course will satisfy one required laboratory science course with a passing grade (C or higher). **Completion of this course meets one year of the science requirement for graduation and one year of the college preparatory LAB science requirement (AREA-D) for the CSU/UC system.**

Conceptual Physics Honors – Year Course

Grade Level: 9-12
Prerequisite: Math 1 Concurrent or “A” grades in Math 7&8. (Summer Assignment)
Credits: 10

Conceptual physics is the **FIRST** of three courses in the NGSS science sequence.** This is a laboratory course that presents science in a meaningful and relevant manner through issues and topics surrounding work, home, society, and the environment. As designed this is an introductory science course to engage students and emphasizes problem solving, decision making, and hands on learning. Through the application of science concepts to real life situations students gain a full understanding of the role of physics, chemistry, space and earth sciences. All units with this course will satisfy one required laboratory science course with a passing grade (C or higher). **Completion of this course meets one year of the science requirement for graduation and one year of the college preparatory LAB science requirement (AREA-D) for the CSU/UC system.**

Biology P– Year Course

Grade Level: 10-12
Prerequisite: Conceptual Physics (Passing Grade “C” and above), or Sci-Dept.
Approval.
Credits: 10

Biology 1P is the **2nd** of the 3 courses of the required NGSS science sequence. This basic course looks at all living systems including plants and animals with the emphasis on the relationships of environments, structures, and functions with particular attention to the human animal. There will be a variety of activities including reading, experiments, investigations, and library research. Note: Animals may be dissected in this course. Alternatives to dissection are available. **Completion of this course meets one year of the Science requirement for graduation and one year of the Lab Science requirement (AREA-D) for the CSU/UC system.**

Biology Honors– Year Course

Grade Level: 9-11
Prerequisite: Conceptual Physics H; or/Conceptual Physics P with “A.” May seek Sci. Department approval for lower grades; (Summer Assignment)
Prerequisite for Chem H & AP Biology.
Credits: 10

A course presented at a level to meet and exceed college entrance requirements for lab science. The course is designed for high ability students and includes the study of living organisms and the use of laboratory investigations and inquiry techniques to develop biological concepts. Subject matter includes molecular and cellular biology, heredity and evolutionary biology, human biology and ecology. Note: Animals may be dissected in this course. Alternatives to dissection are available. **Completion of this course meets one year of the Science requirement for graduation and one year of the college preparatory Lab Science requirement (AREA-D) for the CSU/UC system.**

AP Biology – Year Course

Grade Level: 11-12
Prerequisite: H Bio or “A grade ” in Conceptual Physics P/BioP/Math1. May seek Sci. Department approval for lower grades. (Summer Assignment)
Credits: 10

A college level course for students of high ability and motivation and interest. Students who score sufficiently high on the NAPT Test may receive college credit in biology. Subject matter includes molecular and cellular biology, organism biology, and population

biology. Chemistry should be taken either previously or concurrently with the AP course. Students will be required to take the AP exam in May. Note: Animals may be dissected in this course. Alternatives to dissection are available. **A summer assignment will be given and due the first day of school. Completion of this course meets one year of the Lab Science requirement (AREA-D) for the CSU/UC system.**

Foundations of Science: Chemistry - Year Course NEW

Grade Level: 11-12
Prerequisite: Conceptual Physics or equivalent and Sci-Dept. approval.
Credits: 10

Foundations of Science is specially designed for students who need more preparation in math and English in order to be successful in chemistry. Enrollment is based on recommendation of the previous science teacher/and or counselor. The course focuses on basic science skills (scientific method, measurement, graphing, guided lab reports), a major focus on English and Math Skills as well general principles of chemistry and earth science. Selected topics in chemistry and Earth Sci. will be used to teach and develop necessary skills for students to be successful in future science classes. Each semester will focus on core content material and Common Core subjects such as math and English. The course meets the high school graduation requirement of one year of physical science, but is not recognized by the University of California as a lab science course. **Completion of this course meets one year of the science requirement for graduation and one year Elective (AREA-G) for the CSU/UC system.**

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Chemistry P– Year Course

Grade Level: 11-12
Prerequisite: Conceptual Physics P, Biology P and Math 1P: “C’s (Passing grades)” or higher. Grades less than a “C” will require Sci-Dept approval.
Credits: 10

Chemistry is the last course in NGSS science sequence. Students will study how matter and energy act in the universe. This course will emphasize a conceptual approach to understanding these actions and how they affect the world around us. The student’s critical thinking skills will be developed and challenged through the use of many hands on activities, labs and projects. **Completion of this course meets one year of the**

Science requirement for graduation and one year of the Lab Science requirement (AREA-D) for the CSU/UC system.

Chemistry Honors– Year Course

Grade Level: 10-11
Prerequisite: “B” or better in Biology H, or “A” in BioP, and Algebra I or “B” Algebra II and/or Sci-Dept. Approval. (Summer Assignment)
Prerequisite course for AP Chemistry.
Credits: 10

A laboratory science course emphasizing the experimental approach to the learning of fundamental chemical concepts with a working knowledge of the scientific method. A rigorous course designed for high ability students. Select Sophomores who are highly capable and have passed Honors Biology or Honors Conceptual Physics may take chemistry with the permission of the Science Department. **Completion of this course meets one year of the Science requirement for graduation and one year of the Lab Science requirement (AREA-D) for the CSU/UC system.**

AP Environmental Science– Year Course NEW

Grade Level: 11-12 (10th grade with approval)
Prerequisite: Algebra 1, Conceptual Physics or Biology and Chemistry or by instructor approval. Courses may be taken concurrently.
Credits: 10

The AP Environmental Science course is designed to be the equivalent of a one semester, introductory college course in environmental science. The course provides an investigative approach to the interrelationships of the natural world through the study of the fundamental concepts, principles and methodologies of environmental science, with the emphasis on inquiry and critical thinking skills including problem solving and experimental investigation. Topics of study include earth systems and resources, ecosystems and energy flow, population biology, land and water use, energy resources and consumption, pollution, and global change. Laboratory and field studies are an integral component of this course. Students will be required to take the AP exam in May. Depending upon test score, college credit may be awarded for this course. **A summer assignment will be given and due on the first day of school. Completion of this course meets one year of the science requirement for graduation and one year of the laboratory science requirement (AREA-D) for the CSU/UC system.**

SOCIAL SCIENCE DEPARTMENT

World History P– Year Course

Grade Level: 10 -12
Prerequisite: None
Credits: 10

The course explores the development of mankind in all parts of the world from the Stone Age to the Age of Space. Major events, fundamental concepts, and important individuals important to the course of world history will be the focus of the class. Forms of government and cultures are compared and contrasted with an emphasis on creating an

understanding and appreciation of the contributions of Africa, Asia, Latin America and the Middle East. Current world issues and geography are also included. **Completion of this course meets one year of the World History requirement for graduation and one year of the History/Social Science requirement (AREA-A) for the CSU/UC system.**

AP World History– Year Course

Grade Level: 10-12
Prerequisite: Instructor/Counselor approval; Completion of Summer Assignments -
Credits: 10

The tenth grade AP World History course begins with the period “to 600 BCE” and ends in the present day. The class is broken down into manageable periods and the class will also focus on mastery of skills critical to the May AP World History exam. Students will address the higher level thinking skills or Habits of the Mind, and themes common to Advanced Placement Social Studies classes as well as the PSAT and SAT admissions tests. **Completion of this course meets one year of the World History requirement for graduation and one year of the History/Social Science requirement (AREA-A) for the CSU/UC system.**

US History P - Year Course

Grade Level: 11- 12
Prerequisite: None
Credits: 10

The course covers selected areas of study in the history of the United States from Exploration to the present. The curriculum is more rigorous and requires additional reading and writing assignments designed for the university preparatory student. **Completion of this course meets one year of the United States History requirement for graduation and one year of the History/Social Science requirement (AREA-A) for the CSU/UC system.**

AP US History– Year Course

Grade Level: 11-12
Prerequisite: Instructor/Counselor approval; Completion of Summer Assignments;
World History H or AP World History “B” or better
Credits: 10

This course is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and issues in the history of the United States. The course will prepare students for intimate and advanced college

introductory course. Students will learn to assess historical materials and demonstrate ability to weigh the evidence and interpretation through analysis, reliability, and historical significance. **Completion of this course meets one year of the United States History requirement for graduation and one year of the History/Social Science requirement (AREA-A) for the CSU/UC system.**

Economics P – Semester Course

Grade Level: 12
Prerequisite: None
Credits: 5

The focus in micro- economics induces understanding of individual markets, supply and demand, market structures, and the pricing and employment of resources. Students will be expected to read, discuss, and write analytically throughout the course. **Completion of this course meets one semester of the Economics requirement for graduation and one semester of the Elective requirement (AREA-G) for the CSU/UC system.**

American Government P – Semester Course

Grade Levels: 12
Prerequisite: None
Credits: 5

This course will provide the student with an overview of general government theories and principles. For those students intending to go on to college, this course will provide enough background to help that student succeed in an introductory college course in government. **Completion of this course meets one semester of the Government requirement for graduation and one semester of the History/Social Science requirement (AREA-A) for the CSU/UC system.**

SPECIAL EDUCATION

Study Skills (RSP)—Year Course

Grade level: 9-12
Prerequisite: Case manager placement
Credits: 10

This course is designed to provide RSP students with the additional support necessary to complete homework, class assignments, or tests from core classes. They are placed according to teacher recommendation or as noted in the IEP. **Completion of this course meets one year of the Electives requirement for graduation.**

Reading Lab– Year Course

Grade Level: 9-12
Prerequisite: Case manager placement
Credits: 10

This course uses the Read 180 reading program to help improve the student’s basic reading skills. Students in this class will be taught to understand the reading process and be given the necessary strategies to differentiate between, read and comprehend both narrative and expository texts. The program uses whole group, small group and individual instruction to address the individual reader’s needs. **Completion of this course meets one year of the Electives requirement for graduation.**

Functional English (SDC) —Year Course

Grade Level: 9-12
Prerequisite: Case manager placement
Credits: 10

Basic reading, writing, grammar, literature, vocabulary, penmanship, and phonics skills. Class for students with an IEP that identifies them with special needs. Students will have a reading level of about 2nd grade or below. Class includes letter writing, basic essays, simple questionnaires, filling out forms, worksheets, reading, and reading programs such as SRA and Reading Naturally. Other supplemental programs and materials also used, including reading and word building English related games and activities. **Completion of this course meets one year of the English requirement for graduation.**

Functional Math (SDC) —Year Course

Grade Level: 9-12
Prerequisite: Case manager placement
Credits: 10

Basic math skills which include learning addition, subtraction, multiplication, and division. Money is a big focus in this class. Telling time and reading clocks is a focus also. Measurements is also a focus of this class. Students learn how to do math facts, money value and how to buy and pay in public situations, tell time, and measure things. Class also for students at about a 2nd grade math less or lower. **Completion of this course meets one year of the Mathematics requirement for graduation.**

Functional Life or Social Skills (SDC)—Year Course

Grade Level: 9-12
Prerequisite: Case manager placement

Credits: 10

This course is designed to teach students appropriate social skills and behaviors in social situations and life skills in environmental situations. Class uses Carol Gray cause and consequences social situation worksheets from her Autism curriculum program as well as what is appropriate and not appropriate social behaviors, including bullying, in many different situations. Other supplemental materials, games, activities, books, and worksheets also used. Life skills to include map reading, exploring the life environment the students live in through games, worksheets, activities, field trips, and computer research. Teaches computer research and how to use the internet to access student's needs and places they must go to meet those needs. May include guest speakers and library materials and computer use. **Completion of this course meets one year of the Electives requirement for graduation.**

Functional Life or Social Skills (SDC)—Year Course

Grade Level: 9-12
Prerequisite: Case manager placement
Credits: 10

This course will include 8 semesters of different core disciplines that students in SDC will have access to that they do not have access to now. This curriculum will use books and materials from a lower class level to teach subjects in the following areas: US History (2 semesters), World History (2 semesters), Science (1 semester), Geography/Social Science (1 semester), Literature (1 semester), and Health (1 semester). Students will be introduced to each of these subjects and learn basic facts about each discipline since they do not have these core classes in general education classrooms. **Completion of this course meets one year of the Electives requirement for graduation.**

NON-DEPARTMENTAL

AVID I, II, & III – Year Course

Grade Level: 9-11
Prerequisite: Instructor approval
Credits: 10

AVID is a program designed to prepare students for four year college and university eligibility. The program is designed to increase learning and performance. Students may

apply to the AVID Program prior to the 9th grade year, and an interview is required. Students progress through the AVID Program for four years. **Completion of one of these courses meets one year of the Electives graduation requirement.**

AVID Senior Seminar P– Year Course

Grade Level: 12
Prerequisite: Previous AVID experience and Instructor approval
Credits: 10

The Senior Seminar is designed to culminate the AVID experience and assist the students in completing the financial aid application and college and university applications for college admission. The goal of the class is for every student to be admitted to a four year university. Leadership is stressed and students work on critical thinking skills and analytical reading and writing. **Completion of this course meets one year of the Electives requirement for graduation and one year of the College Preparatory Elective requirement (AREA-G) for the CSU/UC system.**

iLEAD 9-12 - Year Course

Grade Level: 9-12
Prerequisite: 3.5 GPA or above; Instructor/Counselor approval
Credits: 10

iLEAD is part of Parlier Unified’s 7th-12th grade honors course pathway designed for high-achieving students who have a desire to become active leaders and advocates in their community and schools. ILEAD is designed to prepare students, in an academic context, for entrance into four-year universities focusing on analytical thinking, reading, and writing, integration of technology, preparation for college entrance and placement exams, college study skills, oral language development, note taking, and research. Students enrolled in the course are required to complete weekly readings and writings and analytical discourses in all subjects. Students will participate in college-style study groups for all subjects, will prepare and deliver oral presentations to the class on topics related to career searches, college entrance, contemporary issues, and social concerns, will develop and apply research skills in all formats, all the while focusing on a community service project and culminating digital portfolio. Additionally, students will be exposed to various career presentations, university campus visits, scholarship opportunities, and will learn about the college and university admissions process. Students will use curriculum and web-based programs to prepare for national college entrance exams like the PSAT,SAT, and ACT. Students will be required to maintain a minimum 3.50 GPA to remain in this rigorous honors course sequence designed for preparing students for admission to a university and coursework at the university level. **Completion of this course meets one year of the Electives requirement for**

graduation. iLEAD III and iLEAD IV meets one year of the College Preparatory Elective requirement (AREA-G) for the CSU/UC system

Intermediate Robotics P - Year Course

Grade Level: 9-12
Prerequisite: None
Credits: 10

This course will introduce students to the fascinating and fun world of robotics, covering everything from simple toys to the complex logic and articulation of environmental sensing, recording and actuating devices, as well as automated design and manufacturing machines. Students will learn to design, build and program a device that responds to external information to perform a set of particular tasks. This highly complex area of study involves understanding how electronics, electrical, pneumatic and computer systems can be used to control robots which receive information from sensors and programmable inputs to go through a set of motions that are purposeful for its designed functions. **Completion of this course meets one year of the Electives requirement for graduation and one year of the College Preparatory Elective requirement (AREA-G) for the CSU/UC system.**

Advanced Robotics - Year Course

Grade Level: 10-12
Prerequisite: Robotics “C” or better
Credits: 10

This intermediate level robotics course will continue to expose students to the fascinating and fun world of robotics, covering everything from simple toys to the complex logic and articulation of environmental sensing, recording and actuating devices, as well as automated design and manufacturing machines. Students will learn to design, build and program a device that responds to external information to perform a set of particular tasks. This highly complex area of study involves understanding how electronics, electrical, pneumatic and computer systems can be used to control robots which receive information from sensors and programmable inputs to go through a set of motions that are purposeful for its designed functions. **Completion of this course meets one year of the Electives requirement for graduation.**

Intro to Teaching - Year Course

Grade Level: 11-12
Prerequisite: Interested in teaching as a profession and 3.0 GPA; concurrent or previously taken Eng. 3H/Future Teachers

Credits: 10

This two period (block course) introduces students to the concepts and issues related to teaching diverse learners in contemporary schools, Kindergarten through grade 12 (K-12). Topics include teaching as a profession and career, historical and philosophical foundations of the American education system, contemporary educational issues, California's content standards and frameworks, and teacher performance standards. In addition to class time, the course requires a minimum of 45 hours of structured fieldwork in K-12 classrooms that represent California's diverse student population, and includes cooperation with at least one carefully selected and campus-approved certificated classroom teacher. Students need to do their observation in a classroom that is in line with their degree plans. Students in this course will have the option of earning up to 3 UC/CSU-transferrable units (EDU-10) (A, CSU, UC). **Completion of this course meets one year of the Electives requirement for graduation.**

Psychology P - Year Course NEW

Grade Level: 11-12
Prerequisite: None
Credits: 10

This course covers core concepts in psychology beginning with the use of the scientific method in research and the physiological basis for behavior. Class time is divided between lecture, films, discussions, experiments, and demonstrations. The purpose of this course in psychology is to introduce students to core concepts and content areas in the field. The course introduces students to the methods of inquiry and evaluation used by psychologists. The content of the course provides students with information about issues that all individuals encounter not only concerning themselves but in their relationships with friends, family, and acquaintances. Studying psychology should lead students to an appreciation of and tolerance for individual differences. Students should acquire insight into the complex determinants underlying individual and group behavior. In addition, the course will draw from the science of biomechanics, kinesiology, and psychology. It involves the study of psychological factors that affect performance and how participation in sports and exercise can improve physical factors and mental toughness. **Completion of this course meets one year of the Electives requirement for graduation and one year of the Electives requirement (AREA-G) for the CSU/UC system.**

Leadership- Year Course

Grade Level: 9-12
Prerequisite: Instructor Interview and Approval

Requirement: All ASB and Class Officers are required to take this course for the entire academic year if they want to be in office. Two students from every class will be selected after the interview process by the instructor to act as class Senators. All students are required to remain enrolled for the entire academic school year.

Credits: 10

Students participate in activities designed to foster acquisition of leadership skills. The skills that students learn are used at school and other situations at home, community and at work. Students will follow up on each activity which critical evaluation, and then apply the knowledge to new situations at school, community, home, and work. **Completion of this course meets one year of the Electives requirement for graduation.**

Intro to Health (HLTH-1) - Year Course

Grade Level: 10-12

Prerequisite: None

Credits: 10

This course is designed to introduce the student to a comprehensive study of personal and community health. This course will also introduce the student to health issues at the local, state, and national levels. **Completion of this course meets one year of the Electives requirement for graduation. This course is also a UC/CSU transferrable College-Level Dual Enrollment (DE) course through RC.**

Yearbook - Year Course

Grade Level: 9-12

Prerequisite: None

Credits: 10

Students enrolled in this course are responsible for the planning, organizing, creation, and selling of the Parlier High School Yearbook. The yearbook serves as a historical record, picture book, reference book, and will be treasured 100 years from now. Students are required to have strong organizational skills, and will learn the art of journalistic writing, basic digital camera functions, archiving, uploading and the use of the online design program "Yearbook Avenue". Students will also learn business skills such as sales offers, marketing, and more. Much of the yearbook is done outside of regular school hours, counting as both a class and an extra-curricular. Creative, artistic, detailed, and hard-working individuals are encouraged to take the course. **Completion of this course meets one year of the Electives requirement for graduation.**

Brletic Tutor – Year Course

Grade Level: 11-12
Prerequisite: Counselor/Administrator approval
Credits: 10

This course enables the student to work with elementary age students. Tutor slots are available periods 1-7. Students work under the direction of the teacher. Good attendance is required. Students must interview with Brletic staff. **Completion of this course meets one year of the Electives requirement for graduation.**

Counselors Aide– Year Course

Grade Level: 12
Prerequisite: Counselor approval
Credits: 10

Students are assigned to teachers and/or counselors to perform various tasks. Good attendance is required. Students may be removed from this course if teacher/counselor or administrator recommends. **Completion of this course meets one year of the Electives requirement for graduation.**

Office Aide– Year Course

Grade level: 12
Prerequisite: Administrator approval
Credits: 10

Students will be allowed to work in a setting that requires filing, alphabetizing, answering phones, and typing. Students are selected based on attendance, grades and citizenship and must maintain standards for selection. Good attendance is required. **Completion of this course meets one year of the Electives requirement for graduation.**

Yearbook– Year Course

Grade levels: 9-12
Prerequisite: Instructor approval
Credits: 10

Students enrolled in this course are responsible for organizing and creating the yearbook that serves as a historical record of PHS for that school year. Students are required to learn about digital cameras, photography, archiving, uploading, photo editing and photo journalism. This class requires that students be available to take pictures after school and on weekends. Students must be willing to go on photo shoots for credit. Grammar lessons to facilitate article and caption writing are required as well as the study of layout design. Marketing and advertising skills are developed in order to promote yearbook sales. Creative, artistic, detailed, and hard-working individuals are encouraged to take the course. **Completion of this course meets one year of the Electives requirement for graduation.**

VALLEY REGIONAL OCCUPATIONAL PROGRAM (VROP)

Principles of Law Enforcement and Public Safety - Year Course

Grade Level: 9-12
Prerequisite: None
Credits: 10

Principles of Law, Public Safety, Corrections, and Security introduces students to professions in law enforcement, security, corrections, and fire and emergency management services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services. The course provides students with an overview of the skills necessary for careers in law enforcement, fire service, security, and corrections. **Completion of this course meets one year of the Electives requirement for graduation.**

Criminal Justice P (CRIM-1) – Year Course

Grade level: 10-12

Prerequisite: None

Credits: 10

This course is designed to develop an awareness of the various law enforcement occupations. The emphasis is placed on the development of attitudes, skills, and competencies related to the criminal justice system in the U.S.

This course introduces the student to the study of crime and the administration of justice in the U.S. The focus will be on the realities of the enforcement and apprehension of the federal, state, and local levels, prosecution, courts, and the disposition of people charged with the commission of crimes. Throughout this course writing skills and students' abilities to deal with people will be stressed. **Completion of this course meets one year of the Electives requirement for graduation and one year of the College Preparatory Elective requirement (AREA-G) for the CSU/UC system. This course is also a College-Level Dual Enrollment (DE) course through RC and transferrable to UC/CSU campuses.**

Crime Scene Investigation (CRIM-8) –Year Course

Grade level: 11-12

Prerequisite: Criminal Justice

Credits: 10

The Crime Science Investigation (CSI) course is designed to develop an awareness of the various components of criminal investigation. The emphasis is placed on the development of attitudes, skills and competencies related to criminal investigation. This course introduces the student to the study of criminal investigative techniques and analysis. The focus throughout the course will be collection, protection, and preservation of evidence as it relates to the investigative process. Writing and computer skills are emphasized throughout this course. **Completion of this course meets one year of the Electives requirement for graduation. This course is also a College-Level Dual Enrollment Course (DE) through RC and transferrable to the CSU system.**

Medical Occupations/First Aid and Safety - Year Course

Grade Level: 9-12
Prerequisite: None
Credits: 10

This course introduces students to the diverse occupations in the medical, health, and hospital career areas. They become familiar with post-secondary educational opportunities and requirements as well as with entry-level occupations. The student will gain knowledge of the health industry, its traditional and nontraditional career paths, medical laws and ethics, meeting clients' diverse needs, and human growth and development. They will review communications relative to the medical industry. They will conduct career research including job shadowing and interviewing medical/health professionals. /The First Aid and Safety class certifies students in American Red Cross Responding to Emergency First Aid and Safety. Upon completion of the course, students will be certified in adult, infant, and child CPR and First Aid and Safety. Students learn how to triage by participating in a mock disaster drill, and teach appropriate CPR and First Aid skills. Numerous written assignments are also given; they include but are not limited to a research paper utilizing APA documentation style and two interviews. Certification in American Red Cross CPR and First Aid meets the requirements for various types of employment in health care and other job settings. **Completion of this course meets one year of the Electives requirement for graduation. This course is also a College-Level Dual Enrollment (DE) course.**

Medical Terminology P- Year Course

Grade Level: 10-12
Prerequisite: None
Credits: 10

A component of the class will be to explore careers in health care through job shadowing, tours and guest speakers. The Medical Terminology course prepares students for entry-level positions into numerous occupations in health care and gives the student a fundamental understanding of the human body. Students study the body systems including anatomy and physiology; pathology, diagnostics, symptomatic and therapeutic terms, numerous medical procedures, abbreviations, pharmacology terms, and medical records. Students also learn combining forms, prefixes and/or suffixes which enables them to understand and comprehend the language used in health care. CPR, choking intervention and use of AED's will also be covered in the yearlong course. **Completion of this course meets one year of the Electives requirement for graduation and one year of the College Preparatory Elective requirement (AREA-G) for the CSU/UC system. This course is also a College-Level Dual Enrollment (DE) course.**

Pre-CNA P (Certified Nursing Assistant) – Year Course

Grade level:	12
Prerequisite:	Minimum 2.5 GPA due to rigorous curriculum; Must pass Pre-Entrance Exam
Credits:	20

This approved California Department of Public Health (CDPH) Pre-Certification Nursing Assistant (CNA) class includes classroom instruction and clinical hours in a long-term care facility. The course instructs students on the care of geriatric residents. An RN or LVN teaches and supervises the class. After successfully completing the required number of hours of supervised study and hands-on practice and maintaining a 70% GPA or better, the student is eligible to take a **California State exam for the Certified Nursing Assistance license**. Certified Nursing Assistants are in demand at long-term care facilities, hospitals, assisted living, doctor's offices, and home health agencies. **Students are responsible to pay for the state certification exam (\$90). Completion of this course meets two years of the Electives requirement for graduation and one year of the College Preparatory Elective requirement (AREA-G) for the CSU/UC system.**

Computer Programming - Year Course NEW

Grade Level:	11-12
Prerequisite :	Robotics and/or Advanced Robotics recommended; 2.0 minimum overall GPA; STEM majors
Credits:	10

This course provides an introduction to programming using professionally recognized principles that provide a foundation for good programming techniques. This course is designed to prepare students who are interested in pursuing programming as an option for the Information Systems degree and who have no previous programming experience. This course introduces the development of creating applications using the Java Programming Language. There will be a focus on object oriented programming, control structures, methods, arrays, strings, inheritance, and graphics. Emphasis will be placed on developing applications for business. Students in this course will have the option of earning up to 6 UC/CSU-transferrable units (IS-31 and IS-33) (A, CSU, UC). **Completion of this course meets one year of the electives requirement for graduation.**

Automotive Service & Maintenance P (AUTO T9)- Year Course

Grade level: 11-12
Prerequisite: None
Credits: 20

This course introduces students to the servicing and maintenance of the automobile. Students will learn by performing maintenance tasks on engines, brakes, suspension, electrical, fuel systems, and more. Students will be expected to demonstrate safety in an automobile shop environment. Automotive industry standards (NATEF) and ASE certifications will be emphasized. Students who successfully complete this program will be prepared for entry level positions in the automotive service industry. **Completion of this course meets two years of the Electives requirement for graduation and one year of the College Preparatory Elective requirement (AREA-G) for the CSU/UC system. This course is also a College-Level Dual Enrollment (DE) course.**

Aviation Maintenance P - Semester Course

Grade Level: 11-12
Prerequisite: None
Credits: 10

Aviation Maintenance Technicians (AMTs) are individuals that have the important responsibility of keeping aircraft operating safely and efficiently. They service, repair, overhaul, and test aircraft and aircraft systems. All AMTs must be certified by the Federal Aviation Administration (FAA) and hold the rating of Airframe & Powerplant (A&P) mechanic. At Reedley College, you can train to become an Aviation Maintenance Technicians and earn your FAA A&P mechanic rating. With this rating, you are authorized to work on the airframe; which includes the wings, fuselage, tail assembly, and landing gear. You can work on the Powerplant; both piston and turbine types including the propeller. You can also work on the aircraft systems; such as electrical, hydraulic, pneumatic, and more. **Completion of this course meets one year of the Electives requirement for graduation and one year of the College Preparatory Elective requirement (AREA-G) for the CSU/UC system. This course is also a College-Level Dual Enrollment (DE) course.**

Flight Science P (FLIGHT 101, 102, & 103) - Semester Course

Grade Level: 11-12
Prerequisite: None
Credits: 10

The Flight Science Program prepares students for careers in aviation and aerospace operations. Students can tailor the curriculum based on their career goals. The focus of the program is on providing individuals interested in careers in the aviation industry with a defined path toward an Associate Degree and the certificates and ratings required to operate single and multi-engine aircraft as professional pilots. However, the academic areas of study can also prepare students for careers in flight operations, management, aircraft dispatch, aircraft scheduling, and Fixed Base Operations support. The curriculum is designed to accommodate students with no previous flying experience. Courses will systematically prepare students for the FAA knowledge requirements for the certificates and ratings required to operate aircraft as a commercial pilot. In addition, flight lab courses are offered as suggested electives enabling the student to complete all aspects of their training under the auspices of the college and to meet aeronautical experience and flight hour requirements necessary for federal licensing as a commercial pilot.

Completion of this course meets one year of the Electives requirement for graduation and one year of the College Preparatory Elective requirement (AREA-G) for the CSU/UC system. This course is also a College-Level Dual Enrollment (DE) course.

Urban/Rural Firefighting P (FIRET-1) - Year Course

Grade Level: 11-12
Prerequisite: None
Credits: 20

An introduction to fire protection; career opportunities in fire protection and related fields; philosophy and history of fire protection; fire loss analysis; organization and function of public and private fire protection services; fire departments as a part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions. **Completion of this course meets two years of the Electives requirement for graduation and one year of the College Preparatory Elective requirement (AREA-G) for the CSU/UC system. This course is also a College-Level Dual Enrollment (DE) course.**

Wildland Firefighting (NR 1, 8, 42, & 110) - Year Course

Grade Level: 12
Prerequisite: Urban/Rural Firefighting "C" or better
Credits: 20

This course introduces students to the United States Forest Service and prepares those students with basic firefighting and conservation entry-level skills. Classroom instruction, demonstration, and hands-on field application will be given in basic firefighting, standards for survival, engine, and pump operations, backfiring methods and equipment use, chainsaw operations, map and compass use, air operations, basic hand tool sharpening and use, fireline construction, and forest conservation. **Completion of this course meets two years of the Electives requirement for graduation. This course is also a College-Level Dual Enrollment (DE) course.**