

Citrus Valley High School



Course Directory 2017-2018

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REQUIREMENTS FOR CVHS GRADUATION

Satisfactory completion of 225 semester units of credit from grades 9-12 with 70 semester credits maximum credited for ninth grade. Students are also required to pass the California High School Exit Exam

All 9th grade students will be enrolled in a year of English, math, science, and physical education, and a semester of physical geography and a semester of health. All 10th, 11th, and 12th grade students must be enrolled in English and are strongly encouraged to be enrolled in math and science. Remaining semester credits must be earned in grades 9-12 including:

- | | | |
|-----|---|-------------------------------------|
| (1) | English..... | 40 Semester Credits in Grades 9-12 |
| (2) | Social Science.....
(Including World History & Geography,
United States History, American
Government, Economics) | 30 Semester Credits in Grades 10-12 |
| (3) | Science..... | 20 Semester Credits in Grades 9-12 |
| (4) | Math..... | 20 Semester Credits in Grades 9-12 |
| (5) | Foreign Language or Fine Arts..... | 10 Semester Credits in Grades 9-12 |
| (6) | Physical Education..... | 20 Semester Credits in Grades 9-12 |
| (7) | Health..... | 5 Semester Credits in Grades 9-12 |

Special Considerations

- (1) Physical Education

No more than 40 credits of Physical Education may be applied toward graduation requirements in grades 9-12.

- (2) R.O.P.

No more than 40 credits of R.O.P. may be applied toward graduation requirements in grades 9-12.

CSU/UC REQUIREMENTS (a-g)

The California State University and the University of California systems have minimum requirements for entrance to their respective universities. The following are those requirements and the letter associated with their subject:

This list is commonly referred to as the "a-g requirements for CSU/UC universities."

- (a) **Social Science** – 2 years required - *Two units (equivalent to two years) of history/social science required, including: one year of world history, cultures and historical geography and one year of U.S. history; or one-half year of U.S. history and one-half year of civics or American government.*
- (b) **English** - 4 years required - *Four units (equivalent to four years) of college preparatory English composition and literature required, integrating extensive reading, frequent writing, and practice listening and speaking with different audiences. Students may only use 1 year of ESL/ELD English.*
- (c) **Math** - 3 years required, 4 years recommended - *Three units (equivalent to three years) of college-preparatory mathematics (four units are strongly recommended), including or integrating topics covered in elementary algebra, advanced algebra, and two-and three-dimensional geometry.*
- (d) **Laboratory Science** - 2 years required, 3 years recommended - *Two units (equivalent to two years) of laboratory science are required (three units are strongly recommended), providing fundamental knowledge in two of the following: biology, chemistry, or physics. A yearlong interdisciplinary science course can meet one year of this requirement.*
- (e) **Language other than English** - years required, 3 years recommended - *Two units (equivalent to two years, or through the second level of high school instruction) of the same language other than English (three units recommended).*
- (f) **Visual & Performing Arts** - 1 year required - *One unit (equivalent to one year) required, chosen from one of the following categories: dance, music, theater, or visual arts (e.g., painting, web/graphic design, film/video, inter/multimedia arts).*
- (g) **College-Preparatory Elective** - 1 year required - *One unit (equivalent to one year) chosen from the "a-f" courses beyond those used to satisfy the requirements of the "a-f" subjects, or courses that have been approved solely in the elective area.*

College and Career Sectors and CVHS Pathways (est. 2017-18)

The California career technical education (CCTE) model curriculum standards are organized in 15 *industry sectors*, or groupings, of interrelated occupations and broad industries. Each sector has two or more career pathways. A *career pathway* is a coherent sequence of rigorous academic and technical courses that allows students to apply academics and develop technical skills in a curricular area. Career pathways prepare students for successful completion of state academic and technical standards and more advanced postsecondary course work related to the career in which they are interested. California is a national leader in the development of rigorous, comprehensive standards as the foundation for educational programs. They integrate California's rigorous academic content standards with industry-specific knowledge and skills to prepare students both for direct entry into California's vibrant industry sectors and for postsecondary education.

Citrus Valley High School has the opportunity to provide seven of the industry sectors for CCTE. The following is a list of those sectors and information to help guide your student.

Arts, Media, and Entertainment

Do you have: a desire to entertain and perform?
the ability to communicate well?
a very creative side to your personality?
talent in art, music, writing, and speaking?
the ability to express feelings and ideas in writing
or by performing?



**Arts, Media, and
Entertainment**

About this Sector

The Arts, Media, and Entertainment sector requires perhaps the greatest cross-disciplinary interaction because the work in this sector has a propensity to be largely project-based, requiring both independent work and interdependent management skills for career success. New technologies are also constantly reshaping the boundaries and skill sets of many arts career pathways. Consequently, core arts-sector occupations demand constantly varying combinations of artistic imagination, metaphoric representation, symbolic connections, and technical skills. Successful career preparation involves both broad and in-depth academic and technical preparation as well as the cultivation of twenty-first-century skill assets, such as flexibility, problem-solving abilities, and interpersonal skills.

Sample Careers in Arts, Media, and Entertainment

Entry Level Careers

(with high school diploma)

Visual Artist
Photographers Assistant
Lighting Technician
Model
Makeup Artist
Electronic Equipment Operator
Camera Technician
Broadcast Technician
Sound Technician
Stagehand
Disc or Video Jockey
Actor
Announcer
Voice-over Artist
Stunt Person
Dolly Grip

Technical Level Careers

(with AA or AS degree or certificate) Stage

Manager
Recording Studio Assistant
Special Effects Coordinator
Web Designer
Prop Maker
Photographer
Graphic Designer/Artist
Film Maker
Camera Operator
Screen Writer
Photojournalist
Music Minister
Radio/Television Broadcaster
Gaffer
Negative Cutter
Key Production Grip

Professional Level Careers

(with BS or BA degree)

Architect
Choreographer
Industrial Designer
Foreign Language Interpreter
Publisher
Music Teacher
Technical Writer
Columnist
Sound Engineer
Medical Scientific Illustrator
Media and Design Arts Instructor
Music Accompanist
Music Director/Conductor
Choreographer
Producer
Sound Design Editor
Visual Effects Coordinator

Students seeking an advanced college degree are recommended to fulfill UC/CSU (a-g) requirements, beyond that, students are encouraged to take the following elective credits:

Play production I, II	Sculpture CP (f)	Psychology (g)
Choir – all levels (f)	Art CP (f)	Sociology (g)
Symphonic Band (f)	Studio Art (f)	AP Psychology (g)
Orchestra (f)	Digital Art CP (f)	AVID
Marching Band (f)	Advanced Digital Art (f)	Color Guard I, II
Jazz Ensemble (f)	Ceramics CP (f)	Contest Speech (g)
String Ensemble (f)	Advanced Ceramics (f)	Drafting Technology
Piano CP (f)	Drawing CP (f)	AP Art History (f)
Advanced Piano (f)	Advanced Drawing (f)	AP Computer Science (g)
Tech I, II	Video Production (f)	ROP Computer Animation@
Multi Media Design CP (f)	Yearbook	(f)
Adv Multi Media Design (f)	Newspaper (g)	ROP Video Game Design@ (f)
News Production (g)	Computer Literacy (CEO)	Mock Trial

CVHS Pathways for this Sector:

Game Design and Integration:

ROP Computer Animation
ROP Vid Game Des (capstone course)

@articulated course - **bold courses need pre-requisite/concurrent enrollment** - Career Express Online (CEO)

Dual Enrollment Community College extension courses to consider:

Music 100, Art 103, 121 or 175

Education, Child Development, and Family Services

Do you: like to be around children?
 like to learn new things and share them?
 have excellent listening skills?
 effectively communicate ideals and thoughts?
 like to take charge?



About this Sector

Education, Child Development, and Family Services is one of the fastest-growing industry sectors in the nation. It is projected to increase by nearly 40 percent by 2020 as a large number of employees in this sector will be retiring. According to the U.S. Department of Labor, three of the 10 fastest-growing segments of this industry sector are child care services; individual, family, community, and vocational rehabilitation services; and community and residential elder care services. And through 2020 another career in this sector, teaching, will continue to be one of California's most vigorous areas of employment.

Sample Careers in Education, Child Development, and Family Services

Entry Level Careers

(with high school diploma)

Child Care Provider
Preschool Aide
After school Program Aide
Consumer Complaint Clerk
Customer Service Representative
Product Demonstrator
Tutor
Recreation Aide
Child Care Worker

Technical Level Careers

(with AA or AS degree or certificate)

Preschool Teacher
Teacher Assistant
Head Start Teacher
Special Education Aide
Parent Educator
Consumer Credit Manager
Property Manager
Consumer Product Tester
Insurance Representative

Professional Level Careers

(with BS or BA degree)

K-12 School Teachers
Librarian
Child Protection Social Worker
Preschool Director
School or Adoption Counselor
Child Psychologist
Certified Financial Planner
Consumer Economist
Consumer Information Specialist
Speech Language Therapist

Students seeking an advanced college degree are recommended to fulfill UC/CSU (a-g) requirements, beyond that, students are encouraged to take the following elective credits:

Introduction to Early Childhood Education (CEO)
ROP Careers in Child Development (g)
ROP Careers in Education (g)
ROP Video Game Design (g)
Technical Drawing
Psychology (g)
AP Psychology (g)
Sociology (g)

Digital Art CP (f)
Adv. Digital Art (f)
Drawing CP (f)
Adv. Drawing (f)
Art CP (f)
Studio Art (f)
AVID

CVHS Pathways for this Sector:

Education:

Intro to Early Childhood Edu (CEO)
ROP Careers in Child Development
ROP Career in Education (capstone course)

@articulated course - **bold courses need pre-requisite/concurrent enrollment** - Career Express Online (CEO)

Dual Enrollment Community College extension courses to consider:

Sociology 100, 105 ASL 101, 102

Engineering and Architecture



**Engineering and
Architecture**

Do you have: an aptitude in mathematics and/or science?
the ability to communicate? a preference to work with your hands?
the curiosity and ability to solve problems using creativity?
an interest in figuring out how things work?
the ability to operate and fix machines?
an interest working with metals, plastics, and wood?
an interest in planning and supervising a project or completing parts of a project?

About this Sector

Students are engaged in an instructional program that integrates academic and technical preparation and focuses on career awareness, career exploration, and career preparation in four pathways that emphasize real-world, occupationally relevant experiences of significant scope and depth: Architectural Design; Engineering Technology; Engineering Design; and Environmental Engineering. To prepare students for continued training, advanced educational opportunities, and direct entry to a career, the Engineering and Architecture programs offer the following components: classroom, laboratory, and hands-on contextual learning; project- and work-based instruction; and leadership and interpersonal skills development.

Sample Careers in Engineering and Architecture

Entry Level Careers

(with high school diploma)

Junior Drafter
CAD Technician
Construction Apprentice
Engineering Aide
Drafting Apprentice
Apprentice Electrician
Computer Equipment Installer
Security Equipment Installer

Technical Level Careers

(with AA or AS degree or certificate)

Drafter/Designer
Plan Checker
Surveyor
Estimator
Electrical Engineering Technician
Mechanical Engineering Technician
Laboratory Technician
Civil Engineering Technician
Chemical Engineering Technician
Aerospace Engineering Technician
Architectural Drafters
Telecommunications Technician
Journeyman Electrician

Professional Level Careers

(with BS or BA degree)

Mechanical Engineer
Aerospace Engineer
Agricultural Engineer
Electrical Engineer
Computer Hardware Engineer
Telecommunications Engineer
Landscape Architect
Materials Engineer
Nuclear Engineer
Architect
Industrial Designer
Civil Engineer
Structural Engineer

Students seeking an advanced college degree are recommended to fulfill UC/CSU (a-g) requirements, beyond that, students are encouraged to take the following elective credits:

Architectural Design

Pre-Engineering & Design (g)

Technical Drawing

Drafting – Adv/CAD

Digital Art CP (f)

Advanced Digital Art (f)

Tech I

Tech II

Drawing CP (f)

Sculpture CP (f)

Psychology

Comp Science

AP Computer Science (c)

Physics (d)

AP Physics (d)

AP Biology (d)

AP Chemistry (d)

AP Statistics (c)

AP Calculus AB/BC (c)

Multi Media Design CP (f)

Adv Multi Media Design (f)

Sociology

CVHS Pathways for this Sector:

Engineering:

Architectural Design

Technical Drawing

Pre-Engineering Design

Drafting Tech/Adv CAD (capstone course)

@ articulated course - **bold courses need pre-requisite/concurrent enrollment**

Dual Enrollment Community College extension courses to consider:

Engineering 101

Health Science and Medical Technology



Health Science and
Medical Technology

Do you have: a concern for people and their problems?
the ability to be alert and composed in a crises?
good physical skills and enjoy activities which promote physical stamina?
an ability to think critically and creatively?
the ability to be flexible? Do you enjoy varied tasks?
the ability to work as part of a team?
a thoughtful, sensitive and patient demeanor?

About this Sector

The Healthcare field is one of the fastest growing career pathways with numerous opportunities of future employment in the state of California. Health care, with its advanced technologies and high degree of specialization, offers many individual challenges. The health services industry has responded to trends toward low cost medical care with new market forces and changes in its delivery system making this an exciting field. Anyone who is willing to accept such changes will find that the health care field promises a wide variety of career choices.

Sample Careers in Health Care

Entry Level Careers

(with high school diploma)

Physical Therapy Assistant
Respiratory Care Practitioner
Optometric Assistant
Medical Assistant
Medical Office Secretary
Home Health Aide
Laboratory Assistant
Pharmacy Aide
Dental Assistant
Medical Equipment Preparers
Personal and Home Care Aide
Psychiatric Aides
Veterinary Assistants
Laboratory Animal Caretakers
Biotechnology Assistant
Central Supply Aide
Geriatric Assistant

Technical Level Careers

(with AA or AS degree or certificate)

Certified Nursing Assistant - CNA
Pharmacy Technician
Registered Nurses (2 yr)
Paramedic
Operating Room Technician
Medical Records Technician
Emergency Medical Technician - EMT
Licensed Vocational Nurse - LVN
Radiology Technologist
Dental Lab Technician
Respiratory Therapists
Cardiovascular Technologists
Dental Hygienist
Diagnostic Medical Sonographers
Biomedical Technician
Environmental Services Technician
Gerontologist

Professional Level Careers

(with BS or BA degree)

Surgeons
Speech-Language Pathologists
Registered Nurses (4 yr)
Pharmacists
Physicians
Orthodontists
Nurse Practitioner
Anesthesiologists
Athletic Trainers
Dietitians and Nutritionists
Clinical Trials Researcher
Biomedical Chemist
Geneticist
Health Services Administrator
Industrial Hygienist
Materials Management Supervisor
Medical/Public Health Social Workers

Students seeking an advanced college degree are recommended to fulfill UC/CSU (a-g) requirements, beyond that, students are encouraged to take the following elective credits:

Intro to Careers in Healthcare (CEO)

ROP Medical Terminology@

ROP Med Services Occupations

ROP Ethics in Healthcare@ (g)

ROP Pharmacology for Healthcare@ (g)

ROP Med Asst Front Office@

ROP Emergency Medical Responder@

ROP Careers in Nutrition/Wellness@ (g)

Foods I (g)

Foods II (g)

Foods Adv@

AVID

Psychology (g)

Sociology (g)

AP Psychology

Health

Anatomy & Physiology (d)

Physics (d)

AP Chemistry (d)

AP Biology (d)

AP Statistics (c)

AP Human Geography (a)

Athletic Training

Contest Speech I, II (g)

CVHS Pathways for this Sector:

ROP Medical Terminology

ROP Med Services Occupations

ROP Ethics in Health Care

Patient Care:

ROP Pharmacology for Healthcare

ROP Med Assistant Front Office

ROP Em Med Responder (capstone course)

Public and Community Health:

Athletic Training

ROP Careers Nutr/Wellness (capstone course)

@ articulated course - **bold courses need pre-requisite/concurrent enrollment** - Career Express Online (CEO)

Dual Enrollment Community College extension courses to consider:

Fire 100, 101

Sociology 100, 105

Hospitality, Tourism, and Recreation

Do you: have good people skills?
 Have a natural ability for leadership?
 Enjoy learning about other cultures?
 Like to plan events and parties?
 Enjoy the outdoors?
 Enjoy recreation activities?
 Like to travel?



HOSPITALITY, TOURISM & RECREATION

About this Sector

The Hospitality, Tourism, and Recreation industry sector includes California's fastest-growing industries: travel, recreation, and food and hospitality. Nearly 900,000 jobs are directly supported by the travel industry, making tourism the state's third largest employer; and the industry is expected to expand by more than 2 percent per year through 2017. Food service occupations, ranging from food production and service to the study of human nutrition and wellness, bring in over \$970 million a day and account for 8 percent of jobs worldwide. The California restaurant industry is the largest employer in the state, providing 957,000 jobs, with annual projected sales of \$51.5 billion and sales tax revenues of \$4 billion. Students choosing a career in this industry sector are eligible for positions throughout the world, with potential for advancement and ready availability of continuing employment.

Sample Careers in Hospitality, Tourism, and Recreation

Entry Level Careers

(with high school diploma)

Youth Recreation Leader
Hotel Guest Services
Food Preparation Worker
Food and Beverage Wait Staff
Dietary Aide
Food Product Tester
Quality Control Technician
Line Cook
Food Expediter
Bakery Helper
Camp Counselor
Recreation Leader
Spa Attendant
Front Desk Worker

Technical Level Careers

(with AA or AS degree or certificate)

Food Inspector
Dietetic Technician
Food Production Chemist
Food and Beverage Director
Food Service Manager
Food Designer
Social Director
Tour Guide/Manager
Hotel Concierge
Convention Planner
Chef/Cook/Baker
Caterer
Travel Agent
Concert Promoter
Event/Wedding Planner
Flight Attendant
Club Manager

Professional Level Careers

(with BS or BA degree)

Registered Dietician
Food Technologist
Food Product Developer
Sous/Executive Chef
Food and Beverage Analyst
Food Service Director
Food Stylist
Visitor & Convention Bureau Director
Registered Dietician
Non-Profit Association
Museum Director/Curator
Club/Resort/Hotel Manager
Theme Park Director
Convention Coordinator
Travel Company Manager

Students seeking an advanced college degree are recommended to fulfill UC/CSU (a-g) requirements, beyond that, students are encouraged to take the following elective credits:

Intro to Hospitality and Tourism (CEO)	Mock Trial
Foods I	Contest Speech (g)
Foods II	ROP Online Business (g)
Adv Foods	Sociology (g)
ROP Careers in Nutrition/Wellness	Student Government
AVID	Work Experience

@ articulated course - **bold courses need pre-requisite/concurrent enrollment** - Career Express Online (CEO)

Dual Enrollment Community College extension courses to consider:

Sociology 100, 105

Marketing, Sales, and Services

Do you have: good people skills?
natural ability for leadership?
an interest in writing letters, filing and preparing reports?
an ability to work with numbers?
an interest in working with computers and other technology?
an ability to give speeches, debate, and persuade?
an interest in planning and directing activities?



**Marketing, Sales,
and Services**

About this Sector

According to California occupational employment projections, retail trade will be the fastest-growing industry in the state. And the U.S. Bureau of Labor Statistics projects that sales and related occupations will add two million new jobs nationwide by 2016, growing by 12.9 percent. As businesses in America evolve to compete successfully in the global marketplace, a growing need exists for employees with business expertise and the ability to analyze and respond to emerging trends.

Sample Careers in Marketing, Sales, and Services

Entry Level Careers

(with high school diploma)

Credit Checkers
Customer Service Representatives
Data Entry Clerk
Telemarketers
Route Salesperson
Stock Clerks, Sales Floor
Postal Service Mail Carriers
Insurance Policy Processing Clerks
Real Estate Sales Agents
Small Business Entrepreneur
Franchisee

Technical Level Careers

(with AA or AS degree or certificate)

Account Supervisor
Copywriter-Designer
E-Commerce Entrepreneur
E-Commerce Marketing Specialist
Forum Manager
Bill and Account Collectors
Credit Authorizers
Statistical Assistants
Travel Agents
Regional Sales Manager
Retail/Wholesale Buyer

Professional Level Careers

(with BS or BA degree)

Brand Manager
E-Commerce Director
Interactive Sales Engineer
Sales Agent, Financial Services
Economist
International Trade Specialist
Marketing Research Analyst
Wholesale Distribution Manager
National Account Manager

Students seeking an advanced college degree are recommended to fulfill UC/CSU (a-g) requirements, beyond that, students are encouraged to take the following elective credits:

Computer Literacy (CEO)	Psychology (g)
Intro to Social Media Marketing (CEO)	Sociology (g)
ROP International Bus: Global Com (CEO) (g)	AP Psychology (g)
ROP Fashion Merchandising (g)	Video Production (g)
ROP Creating an Online Business (g)	AP Statistics (c)
Comp Science	M/M Design (f)
News Production (g)	AVID
Contest Speech (g)	Mock Trial

CVHS Pathways for this Sector:

Marketing:

Computer Literacy (CEO)
Intro to Social Media Marketing (CEO)
ROP Int Bus: Global Commerce (CEO)
ROP Fashion Merchandising (capstone course)
ROP Creating an Online Bus (capstone course)

@ articulated course - **bold courses need pre-requisite/concurrent enrollment** - Career Express Online (CEO)

Dual Enrollment Community College extension courses to consider:

BusAd 100, Sociology 100, 105

Public Services

Do you: have a desire to help people?
 have a natural ability to get along with others?
 enjoy providing services to others?
 enjoy volunteering or serving your community, state, or nation?
 desire to protect others?
 enjoy being part of a team or community?



Public Services

About this Sector

The U.S. Bureau of Labor Statistics projects increases in employment nationwide through 2017 for all three pathways in the Public Services industry sector. Job openings in community and social services are expected to increase by approximately 21 percent; in legal services, by 16 percent, in protective services, by 14 percent; and in state and local government services, by 11 percent. In California, occupational employment projections also foresee growth in all of this sector's pathways through 2018. Job openings in state and local government services are expected to increase by 17 percent; in community and social services, by 22 percent; in legal services, by 16 percent; and in protective services, by 18 percent. This growth will result from heightened interest in homeland and border security as well as the retirement of workers from the baby-boom generation.

Sample Careers in Public Services

Entry Level Careers

(with high school diploma)

Social and Human Service Assistant
Forest Fire Fighters
Security Guards
Animal Control Worker
Foster Care Worker
Elected Official
Parking Enforcement Officer
Legal Clerk

Technical Level Careers

(with AA or AS degree or certificate)

Police Officer
Probation Officers and Correctional
Correctional Officers and Jailers
Police Patrol Officers
Sheriffs and Deputy Sheriffs
Firefighters
Fire Apparatus Engineer
U.S. Customs Officer
Eligibility Worker
Vocational Counselor
Employment and Training Technician
Residential Counselor
Substance Abuse Counselor
Licensed Psychiatric Technician
Mental Health Worker
Paralegals and Legal Assistants
Cosmetologist

Professional Level Careers

(with BS or BA degree)

Federal Marshal
FBI, ATF, DEA Agent
Probation Mediator
Marriage and Family Therapist
Licensed Clinical Social Worker
Family Social Service Worker
Foreign Language Interpreter
Medical/Public Health Social Workers
Mental Health Social Worker
Mental Health Counselor
Attorney
Judge, Magistrate Judge
Anthropologist
Astronomer

Students seeking an advanced college degree are recommended to fulfill UC/CSU (a-g) requirements, beyond that, students are encouraged to take the following elective credits:

Sculpture CP

Law and Order: Intro to Legal Studies (CEO) (g)

Criminology: Inside the Criminal Mind (CEO) (g)

ROP Intro to Criminal Justice @ (g)

ROP Criminal Investigations @ (g)

ROP Emergency Responder @

ROP Medical Terminology @

Contest Speech (g)

Student Government

AP Psychology (g)

AP Statistics (c)

Foods I, II

News Production (g)

Athletic Training

AVID

Mock Trial

Sociology (g)

Work Experience

CVHS Pathways for this Sector:

Public Safety:

Law and Order: Intro to Leg Stud (CEO)

Criminology: Inside the Crim Mind (CEO)

ROP Intro to Criminal Justice

ROP Criminal Investigations (capstone course)

@articulated course - **bold courses need pre-requisite/concurrent enrollment** - Career Express Online (CEO)

Dual Enrollment Community College extension courses to consider:

Fire 100, 101

Statement of Purpose

This book is a collection of course information for Citrus Valley High School. It is used as a central resource by all school personnel as the agreed-upon procedure for all programs. This book is reprinted and updated on a yearly basis and is employed in the pre-registration of all students, grades 9 - 12.

Explanation of Codes:

B = By permission of instructor only

L = Grade levels eligible

C = College preparatory

P = Check for prerequisite

F = Fulfills graduation requirement in certain area

U = Units of credit toward diploma

G = Graduation course requirement

ENGLISH COURSES

#0029/2029	ENGLISH 9	CODE - F, F, L=9-12, U=10
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Prerequisite: None

Content: This course is an integrated literature-based language arts course which includes reading, writing, speaking, and listening. Literary selections used are core works as well as selected extended works from the Redlands Unified School District curriculum guide. A structured recreational reading program is an integral part of the course. Ninth grade reviews all of the writing domains the student has used in seventh and eighth grade and emphasizes autobiographical, incident, evaluation, and observational writing. Reflective writing is also introduced.

#0030/2030	ENGLISH 9-H	CODE - F, F, L=9, U=10
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Prerequisite: None

Content: English 9-H serves the academically talented, highly motivated 9th grader who plans to enter accelerated English courses in grades 10, 11, and 12. The English 9 course content provides the core of this program which will be enriched with exposure to a more intensified program of literature, reading, and writing.

#0061/2061	ENGLISH 10	CODE - F, F, L=10-12, U=10
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Prerequisite: None

Content: English 10 is a full-year course for sophomores to develop their English skills. Students will read and understand traditional and modern classics that form the literary core. They will write extensively and will synthesize their ideas in formal oral presentations. Vocabulary and spelling taken from the literature will enable students to fully understand the literature and to use it in their writing.

#0102/2102	ENGLISH 10-H	CODE - F, F, L=10, U=10
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Prerequisite: None

Content: English 10-H serves the academically talented, highly motivated 10th grader who plans to enter the Advanced Placement English courses in 11th and 12th grades. The English 10 course content provides the core of this program, which will be enriched with exposure to more classical literature and intensified by a strong writing and reading program. Students also have exposure to the fundamentals of speech techniques and practice these methods in oral presentations.

#0065/2065

ENGLISH 11

CODE - F, F, L=11-12, U=10

Prerequisite: None

Content: English 11 is a year-long course based on the study of American literature, which includes a wide variety of literary genre including the novel, drama, short story, essay, and poetry. Students gain an understanding of how the literature is a reflection of the historical developments and philosophies of the various periods. Major works studied include The Scarlet Letter or The Crucible and Our Town, as well as important works by such notable American authors as Franklin, Poe, and Harte. The literature is the basis for discussion, interpretation, critical and creative writing, vocabulary study, and grammar. Major writing assignments include autobiographical incident, reflective essay, observational writing, interpretative essay, report of information, evaluation, controversial issue, and speculation about cause and effects. Students will be expected to read works by American authors outside of class.

#0070/2070

ENGLISH 12 - ERWC

CODE - F, F, L=12, U=10

Prerequisite: None

Content: English 12 is a year-long course based on the study of various works of world literature; students will demonstrate their ability to analyze the literature using appropriate literary concepts and terminology. The students will also write to clearly communicate in a variety of domains: literary analysis, expository essays, persuasive essays, and business/ college admissions writing. English 12 seeks to have students use existing school technology to exhibit knowledge of current multimedia resources and explore career and college options by creating meaningful real-life documents for post-graduation experiences.

#0101/2101

AP ENGLISH LANGUAGE AND COMPOSITION

CODE - F, F, P, L=11, U=10

Prerequisite: None

Content: Advanced Placement English Language and Composition is a full-year college-preparatory course which includes both the reading and analysis of varieties of discursive prose and the study of the process of writing from the discovery of the topic and the writing of the preliminary drafts to the final edited draft. Through such study and practice, students will gain an understanding of the principles of effective writing and become effective writers themselves. They learn to recognize and work with kinds and levels of diction, varieties of sentence structures, logical and functional relationships of sentences within paragraphs and of paragraphs within essays, modes of discourse (narration, description, analysis), aims of discourse (information, persuasion, and expression), various rhetorical strategies (the logical, emotional, and ethical appeals), and appropriate relationships among author, audience, and subject. The course assumes a basic knowledge of the syntactic structures and semantic components of language. This course helps students to discover the rich resources of language and to claim them as their own.

#0100/2100

AP ENGLISH LITERATURE AND COMPOSITION

CODE - F, F, L=12, U=10

Prerequisite: None

Content: Advanced Placement Literature/Composition is a one-year course for seniors who have demonstrated superior skills in English. To enroll in the class a student must meet a number of requirements. Students will read extensively in the various literary genres: the novel, poetry, short stories, and plays. The focus of the reading is on world literature with an awareness of cultural, ethnic, and gender diversity. Students will continue to develop analytical and interpretive skills. In addition to essay writing, students will read and analyze literary criticism, learn and apply literary terminology, and become more effective literary critics themselves. In preparation for the AP test, specific testing techniques will be presented. Timed writings will take place on a regular basis. In addition to receiving Redlands East Valley High School English credit for this course, students may also qualify for college credit upon successful completion of the national test for Advanced Placement Language Composition.

#0096/2096

CONTEST SPEECH I

CODE - B, C, F, L=9-12, U=10

Prerequisite: Audition

Content: This course is designed for the student who is interested in the competitive speech program. Class activities include participation in the speaking events available at the competitive level (Debate, Persuasive Speaking, Expository Speaking, Extemporaneous Speaking, Group Discussion, and Oral Interpretation of Literature). There is continued stress upon principles of organization, methods of support through argument and example, and appropriate language (word usage). The class represents Citrus Valley High School at speech tournaments within the Citrus Belt Speech Region. Class may be repeated for a maximum of 20 credits.

#0097/2097

CONTEST SPEECH II

CODE - B, C, F, L=10-12, U=10

Prerequisite: Contest Speech I

Content: This course is a continuation of Contest Speech I. There is an increased opportunity in preparation for tournaments. Students are prepared for public appearances to give programs for community organizations. Additional opportunities for contest speaking at Invitational Tournaments and increased competition in the Citrus Belt Speech Region and the National Forensic League are also offered to the students. Class may be repeated for a maximum of 30 credits

#1637/3637

NEWSPAPER PRODUCTION **Telepresence (Digital Classroom)**

CODE – F, L=9-12, U=10

Prerequisite: Approval of instructor

Content: Ethics is a laboratory experience in practical journalistic writing such as that done by newspapers and news magazines. The course provides intensive practice in writing lengthy, expository prose from 500 to 2,500 words in news, features, editorials, or sports. Each article written requires a minimum of one rough draft and sometimes two or three before the editors approve it for publication.

ENGLISH LANGUAGE DEVELOPMENT (ELD) COURSES

#0120/2120

ELD ENGLISH

CODE – F, L=9-12, U=10

Prerequisite: None

Content: ELD English is the highest level English Language Development course for students whose primary languages are other than English and have scored at levels 3 and 4 on the California English Language Development Test. The ELD Scope and Sequence covers ELD and ELA standards and students complete grammar exercises and read selections of literature covered in the regular English 9 curriculum. Students utilize computers in the adjoining classroom to write essays, create projects and PowerPoint presentations. They may also access Nova Net software to practice for the CAHSEE. The focus of the course is to strengthen students' academic reading and writing skills in addition to preparing them for the California High School Exit Exam and success in the regular English classroom.

#0760/2760

ENGLISH LANGUAGE DEVELOPMENT I

CODE – F, L=9-12, U=10

Prerequisite: None

Content: ELD I is the beginning English Language Development class for students whose primary language is other than English and have scored at level 1 on the California English Language Development Test. The focus for ELD I students is aural/oral language development along with building vocabulary and basic reading and writing skills. Computers in the adjoining classroom are utilized by students to create written projects and also utilize the Rosetta Stone language program. Students attend ELD I class two hours a day.

#0761/2761

ENGLISH LANGUAGE DEVELOPMENT II

CODE – F, L=9-12, U=10

Prerequisite: None

Content: ELD II is the ELD class for early intermediate English Learner students who score at level 2 on the CELDT. Students continue to develop aural/oral skills and complete more reading and writing activities. Levels I and II of the Rosetta Stone Language program are accessed in the adjoining classroom ELL computer lab. California ELD and ELA standards are covered as students begin to prepare for the CAHSEE. Students attend ELD II classes two hours a day.

#0762/2762

ENGLISH LANGUAGE DEVELOPMENT III

CODE – F, L=9-12, U=10

Prerequisite: None

Content: ELD III is the intermediate level ELD class for students who score at level 3 of the CELDT. Students continue to focus on aural/oral skills but there is a greater focus on academic reading and writing skills. The curriculum covers English Language Development and English Language Arts standards as outlined in the ELD Scope and Sequence to prepare students for the California High School Exit Exam.

Prerequisite: Students must be limited English proficient and show need for tutoring; counselor recommendation.

Content: This class is designed for English Language Learners to give them assistance and tutoring to complete homework and class projects. The teacher and bilingual instructional assistants help students with their math, history, science and English homework. Study skills and test taking strategies are covered in the class. Three levels of The Rosetta Stone software are available for student use to further improve their English listening, grammar, reading and writing skills. Prior to the California High School Exit Exam students review for the exam utilizing Nova Net software and other materials.

MATHEMATICS COURSES

#0425/2425

INTEGRATED MATH I

CODE - F, F, P L=9-12, U=10

Prerequisite: None

Content: Integrated Mathematics I is the first course of a three course sequence including Integrated Mathematics I, II, and III. The fundamental purpose of the Integrated Mathematics I course is to formalize and extend the mathematics that students learned in the middle grades. This course includes standards from the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. This course includes: Relationships Between Quantities, Linear and Exponential Relationships, Reasoning with Equations, Descriptive Statistics, Congruence, Proof, Constructions, and Connecting Algebra and Geometry Through Coordinates.

#0430/2430

INTEGRATED MATH I H

CODE - F, F, P L=9-12, U=10

Prerequisite: Middle School recommendations.

Content: An enriched version of Integrated Mathematics I which is the first course of a three course sequence including Integrated Mathematics I, II, and III. The fundamental purpose of the Integrated Mathematics I course is to formalize and extend the mathematics that students learned in the middle grades. This course includes standards from the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. This course includes Mathematics I content map and two units from the Mathematics II content map. These include: Relationships Between Quantities, Linear and Exponential Relationships, Reasoning with Equations, Descriptive Statistics, Congruence, Proof, Constructions, Connecting Algebra and Geometry Through Coordinates, Extending the Number System, and Quadratic Functions and Modeling.

#0455/2455

INTEGRATED MATH II

CODE - F, F, P L=9-12, U=10

Prerequisite: Passing grade in Integrated Math I.

Content: Integrated Mathematics II is the second course of a three course sequence including Integrated Mathematics I, II, and III. The fundamental purpose of the Integrated Mathematics II course is to formalize and extend the mathematics that students learned in Integrated Mathematics I. This course includes standards from the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. This course includes Mathematics II content map. These include: Extending the Number System, Quadratic Functions and Modeling, Expressions and Equations, Applications of Probability, Similarity, Right Triangle Trigonometry, Proof, and Circles With and Without Coordinates.

#0457/2457

INTEGRATED MATH II H

CODE - F, F, P L=9-12, U=10

Prerequisite: Passing grade in Integrated Math I Honors or completion of the Summer Math II Honors Preparation Module

Content: An enriched version of Integrated Mathematics II which is the second course of a three course sequence including Integrated Mathematics I, II, and III. The fundamental purpose of the Integrated Mathematics II course is to formalize and extend the mathematics that students learned in Integrated Mathematics I. This course includes standards from the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. This course includes Mathematics II content map and two units from the Mathematics III content map. These include: Expressions and Equations, Applications of Probability, Similarity, Right Triangle Trigonometry, Proof, and Circles With and Without Coordinates, Inferences and Conclusions from Data, Polynomial Relationships, Rational and Radical Relationships, and Radians and the Unit Circle.

#0465/2465	INTEGRATED MATH III	CODE - F, F, P, L=9-12, U=10
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Prerequisite: Completion of Integrated Math II or Integrated Math II Honors

Content: Integrated Mathematics III is the third course of a three course sequence including Integrated Mathematics I, II, and III. The fundamental purpose of the Integrated Mathematics III course is to formalize and extend the mathematics that students learned in Integrated Mathematics I and II. This course includes standards from the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. This course includes all the topics addressed in the CCSS Integrated Pathway: Mathematics III content map. These include: Inferences and Conclusions from Data, Polynomial Relationships, Rational and Radical Relationships, Trigonometry of General Triangles and Trigonometric Functions, Mathematical Modeling of Inverse, Logarithmic, and Trigonometric Functions, and Mathematical Modeling and Choosing a Model.

#0467/2467	INTEGRATED MATH III HONORS	CODE - F, F, P, L=9-12, U=10
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Prerequisite: Successful completion of Integrated Math II or Integrated Math II Honors.

Content: An enriched version of Integrated Mathematics III which is the third course of a three course sequence including Integrated Mathematics I, II, and III. The fundamental purpose of the Integrated Mathematics III course is to formalize and extend the mathematics that students learned in Integrated Mathematics I and II. This course includes standards from the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. This course includes all the topics addressed in the CCSS Integrated Pathway: Mathematics III content map and the recommended units of study to prepare students for Calculus. These include: Trigonometry, Functions: Piecewise, Rational, and Logarithmic, Inverses and Exponentials, Polar Coordinates, Vectors, Conics, Sequences, Induction, Probability and Counting, Partial Fractions, and The Limit and the Derivative of a Function.

#0351/2351	TRIGONOMETRY	CODE - F, F, P, L=12, U=10
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Prerequisite: Integrated Math III

Content: This one year course will emphasize the study of functions described by angles and distances. Topics include the solutions of right and oblique triangles, radian measure, graphing trigonometric functions, proving trigonometry equations, vectors, logs, and polar coordinates. The second semester will also include a 10-week study of sets, points, lines, planes, properties of three dimensional solids, and volumes.

#0348/2348	MATH ANALYSIS	CODE - F, F, P, L=12, U=10
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Prerequisite: Integrated Math III

Content: This one-year course will cover topics from all areas in mathematics and serve to give the student a good foundation for success in calculus. Studies include polynomial, rational, exponential, logarithmic, inverse, and trigonometric functions. Also included are parametric equations, polar coordinates, sequences, series, probability, conic sections, topics in discrete math, and an emphasis on graphing. The graphing calculator is used as an integral tool throughout the year.

#0360/2360	ADVANCED PLACEMENT STATISTICS	CODE - F, F, P, L=11-12, U=10
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Prerequisite: Int Math III or teacher approval.

Content: This one-year course, AP Statistics, will follow the specific topics outlined in the AP syllabus. The field of statistics is defined as the science of collecting, organizing and summarizing data in such a way that valid conclusions can be drawn from them. Students are expected to take the AP Statistics Exam.

#0354/2354 – 0355/2355	ADVANCED PLACEMENT CALCULUS AB/BC	CODE - F, F, P, L=11-12, U=10
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Prerequisite: Integrated Math III

Content: This one-year course includes the study of limits, derivatives, definite and indefinite integrals. The course requires the use of the graphing calculator. Problems are presented so that calculus concepts become intuitively understood. Preparation for the AP Calculus AB/BC exam will be included.

SCIENCE COURSES

#0635/2635	BIOLOGY	CODE - F, F, L=9-12, U=10
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Prerequisite: Current enrollment in Int Math I or successful completion of both semesters of General Science

Content: This is a survey course of living organisms and biological processes with correlated laboratory experiments and demonstrations.

#0634/2634	EARTH SCIENCE	CODE - F, F, L=9-12, U=10
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Prerequisite: Current enrollment in Int Math I or successful completion of both semesters of General Science

Content: This course is designed to provide an overall view of astronomy, geology, meteorology, and oceanography. Students will complete basic lab investigations to gain a better understanding of the earth. This course is for college-bound and non-college-bound students.

#0630/2630	ENVIRONMENTAL SCIENCE	CODE - F, F, L=11-12, U=10
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Prerequisite: Biology

Content: Environmental Science is a multi-disciplinary course based on current environmental issues. A thematic approach will be used to integrate ideas and concepts from various subject areas needed to understand and propose solutions to problems. Student-directed cooperative projects, with an emphasis on hands-on experiences will be used to teach the underlying concepts needed to understand the environmental relationships involved in the issues studied. Projects may involve worldwide, national, state, local, or school-wide issues.

#0663/2663	ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE	CODE - F, F, L=11-12, U=10
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Prerequisite: C or better in Biology and one physical science (chemistry, physics, earth science)

Content: Environmental science is an interdisciplinary science; it embraces a wide variety of topics from different areas of study. The curriculum draws upon various scientific disciplines including: Earth Systems and Resources; The Living World; Population; Land and Water Use; Energy Resources and Consumption; Population; and Global Change. Though rigorous exploration, students will interpret and apply these topics in real world situations. Students will be required to complete projects designed to increase their social and political awareness of local, state, and federal environmental issues. In addition the course will provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world.

#0637/2637	CHEMISTRY	CODE - F, F, P, L=10-12, U=10
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Prerequisite: Enrollment in Int Math II or higher math course

Content: A mathematical study of the basic laws and theories of chemical and physical change. The course includes the concept of the mole, bonding theory, chemical energy, gas laws, acid-base theory, oxidation-reduction, modern atomic theory, and study of simple organic molecules. Laboratory work will be correlated to course content and students will learn basic laboratory skills and techniques needed to do experimentation. Recommended for college-bound students.

#0641/2641	PHYSICS	CODE - F, F, P, L=10-12, U=10
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Prerequisite: Satisfactory completion of Int Math I and II. C or better in Biology, Chemistry strongly recommended.

Content: Physics provides a survey of mechanics, optics, electromagnetism and atomic physics in a manner appropriate to a student taking physics for the first time. This course will concentrate on the major concepts of physics in order to develop an intuitive understanding of the physical world. The course emphasizes laboratory experience and practical uses of physics. The course fulfills the UC and Cal State requirement for a physical lab science.

#0673/2673	ADVANCED PLACEMENT PHYSICS I	CODE - F, F, P, E, L=11-12, U=10
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Prerequisite: C or better in Chemistry, concurrent enrollment Int Math III, AP Statistics or AP Calculus.

Content: The objective of this year-long course is completion of the College Board objectives for AP Physics 1 and suitable preparation for the AP Physics 1 exam. AP Physics 1 and 2 replaces AP Physics B and slightly modifies the original AP Physics B course of study to include more emphasis on inquiry based labs.

#0674/2674	ADVANCED PLACEMENT PHYSICS II	CODE - F, F, P, E, L=11-12, U=10
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Prerequisite: C or better in Chemistry, concurrent enrollment Int Math III, AP Statistics or AP Calculus.

The objective of this year-long course is completion of the College Board objectives for AP Physics 2 and suitable preparation for the AP Physics 2 exam. Physics 1 and 2 replaces AP Physics B and slightly modifies the original AP Physics B course of study to include more emphasis on inquiry based labs.

#0640/2640	ANATOMY AND PHYSIOLOGY	CODE - F, F, P, E, L=11-12, U=10
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Prerequisite: One year of biology or chemistry with a grade of C or better.

Content: A detailed study of the structures, functions and mechanisms of the human body's major systems, i.e.-integumentary skeletal, muscular, nervous, endocrine, circulatory, respiratory, digestive, urinary, and reproductive. Laboratory work and research work will be emphasized. This course is recommended for the college-bound student.

0644/2644	ADVANCED PLACEMENT CHEMISTRY	CODE - F, F, P, E, L=11-12, U=10
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Prerequisite: C or better in Biology. Chemistry grade of B" or btter strongly recommended.

Content: This course is a second year advanced course in chemistry equivalent to a first year college or AP chemistry course covering the basic laws and theories of Chemistry including thermodynamics. This course will emphasize chemical calculations and analytical analysis of laboratory experiments. Recommended for college-bound students entering the area of science, math and engineering. Students are expected to take the advanced placement exam in Chemistry.

#0643/2643	ADVANCED PLACEMENT BIOLOGY	CODE - F, F, P, E, L=11-12, U=10
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Prerequisite: C or better in Biology. Chemistry grade of B or better strongly recommended.

Content: AP Biology is a second year advanced course in biology. The curriculum emphasizes detailed study of concepts and curricular areas introduced in prerequisite courses. The detailed study also includes enhanced and complex laboratory experiences utilizing current technology and techniques. Students are expected to take the Advanced Placement exam in Biology.

SOCIAL STUDIES COURSES

#0169	PHYSICAL GEOGRAPHY	CODE - L=9-12, U=5
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Prerequisite: None

Content: This is a one-semester course which provides a general study of the five themes of geography, the basic tools geographers use, and what physical and human geography is. It also incorporates a specific study of the physical geography of the continents and Oceania. The course is also designed to introduce students to library and internet research as well as use of the computer software "power point" by developing a major project on a country in Africa which will be presented in class.

#0179/2179	WORLD HISTORY AND GEOGRAPHY	CODE - F, F, L=10-12, U=10
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Prerequisite: None

Content: This course will provide a study of man's development from the Age of Enlightenment to the contemporary world with emphasis on the causes and consequences of World Wars I and II. Included will be area studies of the former U.S.S.R., Eastern Europe, China, Africa, Middle East, and Latin America.

#0189/2189	ADVANCED PLACEMENT EUROPEAN HISTORY	CODE - F, F, L=10-12, U=10
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Prerequisite: None

Content: The emphasis of the course is on a chronological study of European political, economic, intellectual, cultural, social, and diplomatic history from 1450 to the present. The student is expected to do college-level work including research papers. Successful completion of this course satisfies requirements for high school graduation. Students are encouraged to take the College Board Exams in May to earn college credit.

#0182/2182	UNITED STATES HISTORY	CODE - F, F, L=11-12, U=10
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Prerequisite: None

Content: This course is designed as a chronological study of political, economic, intellectual, cultural, social and diplomatic United States history from 1492 to the present. The student is expected to do college-level work including research papers. Successful completion of this course satisfies requirements for high school graduation.

#0188/2188	ADVANCED PLACEMENT UNITED STATES HISTORY	CODE - F, F, L=11-12, U=10
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Prerequisite: None

Content: This course is designed as a chronological study of political, economic, intellectual, cultural, social and diplomatic United States history from 1492 to the present. The student is expected to do college-level work including research papers. Successful completion of this course satisfies requirements for high school graduation. Students are expected to take the College Board Exam in May to earn possible college credit.

#7171/9171	AP HUMAN GEOGRAPHY Telepresence (Digital Classroom)	CODE - F, F, L=10-12, U=10
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Prerequisite: None

Content: This is a year-long course designed to meet the requirements of a semester-long introductory human geography course at the college level. Human Geography is the study of interactions between people of different cultures and ethnicities and how they contribute to the ever-changing cultural landscape on our planet. Through the analysis of specific case studies, the course will integrate concepts used to interpret geo-politics, economics, world health, population, language, religion, agricultural land use, urban development, sustainability and energy. Students will use GIS applications to demonstrate mastery, as well as contemporary applications of research and learning. Students are expected to take the College Board Exam in May to earn possible college credit.

#0196	AMERICAN GOVERNMENT	CODE - F, F, L=12, U=5
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Prerequisite: None

Content: This is a one-semester, five-unit course of study. Students are introduced to the origins and background of American Government. Included in the course content are units of study that include the political process, American governmental institutions, civil rights and responsibilities, and the structure and functioning of state and local government.

#0201	AP AMERICAN GOVERNMENT AND POLITICS	CODE - F, F, L=12, U=5
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Prerequisite: None

Content: This is a one-semester course offered in the fall designed to provide students with a critical perspective of government and politics in the United States. The course will involve the study of concepts used to interpret American politics and the analysis of specific case studies. Students are expected to enroll in the one-semester AP Economics course. Successful completion of the course meets the requirements for high school graduation. Students are expected to take the College Board Exam in May to earn possible college credit.

#0198	ECONOMICS	CODE - F, F, L=12, U=5
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Prerequisite: None

Content: Economics is a one-semester, five-unit course of study which introduces the students to the need for effective decision making. Microeconomic and macroeconomic units are studied and students will use tools of analysis to understand economic concepts and relationships. Throughout the course, contemporary and global economic issues are incorporated into the curriculum.

#0200	ADVANCED PLACEMENT MACRO-ECONOMICS	CODE - F, F, L=12, U=5
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Prerequisite: None

Content: This is a one-semester course offered in the spring designed to provide students with a sound understanding of basic economic concepts and theory. Among the topics covered are scarcity and allocation of resources, economic systems, supply and demand analysis, theory of the firm, market structure and performance, and cost/benefit analysis. Students enrolled in this course are also expected to enroll in the AP American Government and Politics course. Successful completion of this course meets requirements for high school graduation. Students are expected to take the College Board Exam in May to receive possible college credit.

# 0212/2212	ADVANCED PLACEMENT PSYCHOLOGY	CODE = B, C, L=11-12, U=10
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Prerequisite: None

Content: This is a one-year course elective designed to introduce students to psychology, with a focus on the scientific study of human development, learning, motivation, and personality. Students should develop some basic concepts of psychology and an historical perspective on psychology as the study of individual behavior. Students are encouraged to take the College Board Exam in May to earn possible college credit.

#0192	PSYCHOLOGY	CODE - F, L=10-12, U=5
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Prerequisite: None

Content: This one-semester course surveys the major areas of psychology, heredity, sensation and perception, learning, physical growth, personality development, motivation and behavior, and mental health problems. This course counts as elective credit for graduation.

#0180

SOCIOLOGY

CODE - F, L=10-12, U=5

Prerequisite: None

Content: Sociology introduces students to the study of human society and social interaction. It includes theoretical perspectives and research methods to examine social behavior. Students will study the origins of sociology, as well as trace the development of its modern theories. The study of sociology helps students gain a better understanding of themselves and their social world through an understanding of how behavior is largely shaped by the groups to which we belong and the society to which we live.

PHYSICAL EDUCATION COURSES

#0509/2509

P.E. 9 Co-Ed

CODE – G, L=9, U=10

Prerequisite: None

Content: Students will participate in a co-educational program. The basic units covered may include, but not be limited to, volleyball, soccer, cross-country, basketball, flag football, and softball. Emphasis will be placed on skill development.

#0510/2510

P.E. 10-12 Co-Ed

CODE – G, L=9, U=10

Prerequisite: None

Content: Students choose two quarterly activities at the beginning of each semester. Activities include: football, flag football, soccer, swimming, scuba, golf, badminton, tennis, handball, hustleball, volleyball, weight training, aerobics, weight control, creative dance, folk dance, fitness racquetball and speedball. All classes will include health-related fitness instruction, practice, and testing for improvement. P.E. uniform is required.

#1906

HEALTH

CODE – G, L=9, U=5

Prerequisite: None

Content: The Health curriculum is designed to help students develop, demonstrate, and maintain optimum health through knowledge, attitudes, and practices in the content of self-reliance and problem solving. The semester course is intended to help students examine values and practice decision-making skills to take conscious control of their own good health which will lead to long and productive lives in society. Specifically, the course covers wellness, personal care and safety, nutrition, cardiovascular fitness, substance abuse, relationships and sexuality.

#1644/3644

ATHLETIC TRAINING - **Telepresence (Digital Classroom)**

CODE – G, L=9-12, U=10

Prerequisite: None

Content: Fitness Training is designed for students who are interested in the practical and theoretical aspects of sports injury prevention, recognition, treatment, and care of sports-related injuries. Students will learn basic anatomy and physiology of the human body, mechanisms of a sport injury, basic injury evaluation, fitness training modalities including taping, wrapping, protective bracing, equipment fitting, follow up care and use of equipment and techniques to aid patients in rehabilitation. Further academic skills are required to become a certified athletic trainer.

WORLD LANGUAGE COURSES

#0860/2860	FRENCH I	CODE - F, F, P, L= 9-12 U=10
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Prerequisite: A B in math the previous semester

Content: A basically functional approach to the French language. Proficiency is acquired through vocabulary and grammatical structures. Audio and video tapes are utilized to perfect pronunciation and comprehension of everyday situations as well as to create an appreciation of the cultural heritage.

#0870/2870	FRENCH II	CODE - F, F, P, L=10-12, U=10
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Prerequisite: Successful completion of French I as per teacher recommendation

Content: French Two provides the necessary skills (speaking, reading, writing, and comprehension) to attain a moderate level of proficiency. Great emphasis is placed on cultural differences and similarities by means of authentic documentation.

#0871/2871	FRENCH III	CODE - F, F, P, L=10-12, U=10
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Prerequisite: Successful completion of French II ("C" average or better) as per teacher recommendation.

Content: French Three provides the necessary skills (speaking, reading, writing and comprehension) to attain a comfortable level of proficiency. Emphasis is placed on cultural diversity. In addition, the course introduces the history and literature of French-speaking nations.

#0887/2887	ADVANCED PLACEMENT FRENCH LANGUAGE	CODE - F, F, P, L=11-12, U=10
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Prerequisite: Successful completion of French III or teacher recommendation

Content: This course is designed to provide a thorough review of all major grammatical and verbal structures, while developing a full adult reading and speaking capacity, the ultimate purpose of which is to gain a comfortable fluency in order to challenge the advanced placement exam in early May.

#0864/2864	SPANISH I	CODE - F, F, P, L=9-12, U=10
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Prerequisite: At least a "B" average in math the previous semester

Content: Students will be exposed to the four basic elements of foreign language study: listening, speaking, reading, and writing. Oral participation and grammatical structure are stressed. Learning the culture of Spanish-speaking people is part of the course.

#0868/2868	SPANISH II	CODE - F, F, P, L=10-12, U=10
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Prerequisite: A "B" or better in Spanish I and teacher recommendation

Content: The major emphasis of this college-preparatory course provides the necessary practice to attain an intermediate level of proficiency in the areas of listening, speaking, reading, and writing. Gaining more knowledge about Spanish-speaking cultures is an important component.

#0882/2882	SPANISH III	CODE - F, F, P, L=10-12, U=10
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Prerequisite: Successful completion of Spanish II as per teacher recommendation.

Content: This course includes: 1) A thorough review of grammar with expanded vocabulary. 2) The introduction of short stories and literature for comprehension, discussion and creative writing. 3) Advanced communication activities that include skits, individual presentations, and free response.

#0855/2855

SPANISH FOR NATIVE SPEAKERS

CODE - F, F, P, L=9-12, U=10

Prerequisite: Native Spanish speakers and literate in Spanish, must score at or above the 40th percentile on the reading comprehension section of the CTBS Espanol test.

Content: Spanish for Native Speakers is an elective course in which students whose first language is Spanish speak, read, and write in Spanish to develop and strengthen academic skills. It is designed for Spanish speaking LEP students to develop conceptual/linguistic proficiency that strongly relates to the development of English literacy. Students will read a variety of literature in Spanish and respond to the readings through integrated listening, speaking, and writing activities.

#0885/2885

ADVANCED PLACEMENT SPANISH LANGUAGE

CODE - F, F, P, L=10-12, U=10

Prerequisite: Successful completion of Spanish III or teacher recommendation.

Content: The course covers the equivalent of a third year college course in advanced Spanish composition and conversation. It is intended for those who have chosen to develop their proficiency in Spanish without special emphasis on literature. Communicative skills are developed through directed essay, lab work and selected short stories and plays. It is expected that all those enrolled will challenge the Advanced Placement exam in early May.

#7876/9876

LATIN I (telepresence course)

Prerequisite: At least "C" in English

Content: Study of Latin grammar and vocabulary; reading of simple Latin stories that provide an introduction of Roman life and mythology; and an acquaintance with cultural resource material, recognizing the close relationship between English and Latin. Video/films/documentaries from A&E, PBS, National Geographic, History Channel, BBC will illustrate the material covered in the various chapters.

#7877/9877

LATIN II (telepresence course)

Prerequisite: Latin I

Content: A review of basic grammar. Reading of Latin stories about Roman life, myths, and Caesar's Gallic Wars. Appreciation of the influence of Roman civilization in the language and institutions of the contemporary society. Video/films/documentaries from A&E, PBS, etc., will illustrate the material covered in the various chapters.

#7877/9877

LATIN III (telepresence course)

Prerequisite: Latin II

Content: A review of basic grammar and advanced grammar. Reading of Latin stories about Roman life, myths, and Caesar's Gallic Wars. Appreciation of the influence of Roman civilization in the language and institutions of the contemporary society. Video/films/documentaries from A&E, PBS, National Geographic, History Channel, BBC will illustrate the material covered in the various chapters.

#7877/9877

LATIN IV / AP Latin (telepresence course)

Prerequisite: Latin III

Content: A review of advanced grammar. Reading of Latin stories about Roman life, myths, and Caesar's Gallic Wars. Appreciation of the influence of Roman civilization in the language and institutions of the contemporary society. Fourth quarter to include classical literature in translation for a unit in Logic and Ethics. Video/films/documentaries from A&E, PBS, National Geographic, History Channel, BBC will illustrate the material covered in the various chapters.

VISUAL & PERFORMING ARTS

#1312/3312	ART CP	CODE - F, F, L=9-12, U=10
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Prerequisite: None

Content: Students will explore art fundamentals, which include the elements and principals of design, basic drawing and painting, and additional studio exercises. Students will also explore how art and the arts in their world connect to the past, and to other cultures. In addition to curriculum typically offered Art CP will also include an academic component in keeping with the guidelines required by UC and CSU. Students will be responsible for textbook work, homework, note taking, research, and written projects. Units of study will include subjective and objective assessments including comprehensive examinations, and a cumulative project portfolio requirement.

#1315/3315	DRAWING CP	CODE - F, F, L=9-12, U=10
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Prerequisite: None

Content: 1st semester: The course introduces the studio arts pertaining to drawing. The course will emphasize the basic elements of art. Various drawing and techniques will be introduced to the student. The student will have the opportunity to create works in various mediums. Students will also gain the ability to analyze and respond to various works, including their own. Furthermore, students will be introduced to numerous cultural and historical styles and motifs. Through critiques, students will display the ability to aesthetically value and appreciate works of art, as well as understand the relationship between art, culture, and history. 2nd semester: The semester builds on the foundation drawing skills learned previously and also introduces the discipline of painting to the student. The course will now emphasize the basic elements of color. Various painting and new drawing techniques will be introduced to the student. Students will complete a research paper/project on a famous artist of movement.

#1318/3318	ADVANCED DRAWING CP	CODE - C, F, L=10-12 U=10
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Prerequisite: Must be an 11th or 12th grade student and completed Drawing CP or Teacher Recommendation.

Content: Drawing students will develop their observation and accuracy skills as they progress through a variety of classroom assignments such as still life drawings, perspective drawings, portraiture, figure drawing, landscapes, illustrations, fantasy drawings, and drawings dealing with political/social commentary. A wide range of drawing media will be used; e.g. graphite, charcoal, India ink, pastel, oil pastel, colored pencils, markers, and even paint. Students will continue to develop compositional understanding by applying the elements of art and principles of design to their sketches and drawings. A variety of artists will be studied as students discover how they are relevant in art history and to the individual student's work.

#1316/3316	SCULPTURE CP	CODE - C, F, L= 9-12 U=10
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Prerequisite: None

Content: Sculpture CP is a one-year course where students will explore art fundamentals through sculptural techniques, which will include the elements of art and principles of design, basic construction and design, and additional studio exercises. Students will also explore how sculpture and the arts in their world connect to their past, and to their cultures. Sculptural assignments will be completed through the process of sketching, maquettes (small studies) and hands on construction. Final sculpture will be completed with the intention of being shown at the end of the year exhibit. In addition to curriculum typically offered in a sculpture class students will learn to discuss and appreciate art through the use of written critiques. These critiques will serve as study models for a larger paper, which will be completed at the end of the year. This course is aimed at fulfilling the most recent criterion of the University of California's "F" requirement.

#1313/3313	DIGITAL ART	CODE - C, F, L=9-12 U=10
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Prerequisite: Recommended: beginning Art or Drawing class

Content: This course focuses on the commercial world of digital art. Students will be given the opportunity to learn on industry standard equipment using the Adobe suite programs including: Photoshop, Illustrator, and InDesign. Students will develop a digital and print portfolio of graphic design work including but not limited to: logo designs, album and book covers, digital photography, and package design.

#1314/3314	ADVANCED DIGITAL ART	CODE - C, F, L=10-12, U=10
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Prerequisite: Digital Art or teacher recommendation.

Content: This course is the follow up to Beginning Digital Art. This class will focus on the business side of Digital Art or Graphic Design. Many of the projects in this class will center around the needs of the school and clubs. We will be working almost like a design firm, creating a portfolio and competing for printed work. We will continue to learn and use the following programs: Illustrator, Photoshop, and InDesign. All work is completed in our state of the art Digital Art Lab on Mac computers.

#1300/3300	ADVANCED STUDIO ART	CODE - C, F, L= 10-12 U=10
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Prerequisite: Art CP, or teacher recommendation.

Content: Advanced Studio Art, a year course, allows students to apply the basic art concepts to the creation of art projects using a variety of materials and techniques. Special emphasis is placed on drawing and painting: watercolor, mixed media-collage, ink, charcoal, painting, scratch board, life drawing, illustration and graphic art. Students are encouraged to interpret projects using their own creative expression with additional attention to the history of Art and the art of their own and diverse cultures. Students will work toward the development of their own personal art concentration and will prepare a portfolio of their work. This is a fee class; fees are charged for student projects taken home and kept by the student. Fee reductions and waivers can be arranged with the teacher if necessary.

#1284/3484	CERAMICS CP	CODE - C, F, L= 9-12, U=10
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Prerequisite: None

Content: This yearlong ceramics course will explore art fundamentals through ceramics techniques, which will include the elements and principles of design, basic construction and design and additional studio exercises. Students will also explore how ceramics and the arts in their world connect to their past, and to their culture. In addition to curriculum typically offered in Beginning Ceramics and Advanced Ceramics, Ceramics C/P will also include an academic content in keeping with the guidelines required by UC and CSU. Students will be responsible for textbook work, homework, note taking, research and written projects. Units of study will include subjective and objective assessment including comprehensive examinations, and a cumulative project portfolio requirement.

#1283	CERAMICS ADVANCED	CODE - C, F, L= 9-12, U=5
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Prerequisite: Ceramics CP or Teacher Recommendation

Content: This course includes advanced ideas and techniques in both hand and wheel construction, utilization of all construction methods introduced in Ceramics I (i.e., assemblage, appliqué, coil, sculptural form, slab form and glaze formation). During the first semester emphasis is placed on the potter's wheel. Experimentation with glaze composition and clay make-up is taught. During the second semester previous hand construction methods will be emphasized. This is a fee class; fees are charged for student projects taken home and kept by the student. Fee reductions and waivers can be arranged with the teacher if necessary. This course may be taken 4-semesters for credit.

#1564/3564	THEATRE ARTS CP	CODE = C, F, L=9-12, U=10
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Prerequisite: None

Content: Theatre Arts is a first-year college-prep course that introduces the student to basic theatre concepts including acting, directing, play production, dramatic criticism, improvisation, and ensemble techniques. The first semester provides an overview and builds a foundation. The second semester builds on the first semester work and concentrates on developing skills and techniques. Emphasis is placed, in the second semester, on acting and creating characterization through the study of vocalization and physicalization. This is a performance-based course.

#1531/3531	VALLEY SINGERS	CODE - C, F, P, L =9-12, U=10
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Prerequisite: Must maintain at least a 2.0 GPA and audition.

Content: The course includes development of good vocal habits, the study of sacred, secular, and pop music and the development of the ability to read and interpret music. Participation is required in concerts given for entertainment of school and community groups outside the school day.

#1559/3559	WOMEN'S ENSEMBLE	CODE - C, F, P, L=9-12, U=10
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Prerequisite: Must maintain at least a 2.0 GPA and audition.

Content: The course includes development of good vocal habits, the study of both sacred and secular numbers and the development of the ability to read and interpret music. The use of a staged pop show will enhance the study of popular music. Participation is required in concerts, competitions, festivals, and performances for entertainment of school and community groups outside the school day. Participation affects student grades. Bella Voce and Advanced Concert Choir are both intermediate choirs of the same ability level.

#1559	CHANTEUSES	CODE - C, F, P, L=9-12, U=10
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Prerequisite: Selection by audition.

Content: The course open to soprano/alto voicings grades 9-12, includes development of good vocal habits, the study of both sacred and secular music, and the development of the ability to read and interpret music. The use of a staged pop show choir set will enhance the study of popular music. Participation is required in concerts, festivals and show-choir competitions for school and community groups.

#1530/3530	CHAMBER SINGERS	CODE - C, F, P, L=9-12, U=10
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Prerequisite: Selection by audition.

Content: The course, open to soprano/alto/tenor/bass voicings grades 11-12 only, includes development of good vocal habits, the study of sacred/secular and traditional-classical pop music, and the development of the ability to read and interpret music. Participation is required in concerts, choral festivals, and competitions for school and community groups.

#1536/3536	SYMPHONIC BAND	CODE - C, F, P, L=9-12, U=10
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Prerequisite: An interest in instrument music and knowledge of instrumental techniques.

Content: A non-auditioned band open to all students who play woodwind, brass or percussion. Sy CODE=G L=9 U=5 mphonic band encourages the intermediate student to continue improving in the musical areas of sight reading, intonation and note identification. Symphonic band plays band literature of level C and B ability. The symphonic band travels and performs at area band festivals during second semester.

#1537/3537	STRING ENSEMBLE (ORCHESTRA)	CODE - C, F, P, L=9-12, U=10
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Prerequisite: Selection by audition from members of the band.

Content: A small, select group of serious students of wind and percussion instruments, fully instrumented and individually independent, study and performing the best class A and class AA literature available for wind band. This group performs many concerts as well as being involved in festivals. Approximately 45 students.

#1535/3535	WIND ENSEMBLE	CODE - C, F, P, L=10-12, U=10
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Prerequisite: Selection by audition from members of the band.

Content: A small, select group of serious students of wind and percussion instruments, fully instrumented and individually independent, study and performing the best class A and class AA literature available for wind band. This group performs many concerts as well as being involved in festivals. Approximately 45 students.

#1539	MARCHING BAND	CODE - C, F, P, L=9-12, U=5
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Prerequisite: Open to all students. Selection by director.

Content: The C.V.H.S. Blackhawks Marching Band is composed of woodwind, brass and percussion participants of the music program as well as color guard members (flags and rifles) selected by audition in the prior spring. It functions primarily in the fall by representing the Music Department and the school in half-time shows for home football games and in selected competitive events.

#1538	JAZZ ENSEMBLE	CODE - C, F, P, L=9-12, U=5
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Prerequisite: Selection by audition from members of the band program or by permission of the instructor.

Content: A select group of 18-23 students dedicated to the study and performance of representative jazz literature from the 1940's through the 1970's.

#1566/3566	PIANO CP	CODE - C, F, L=9-12, U=10
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Prerequisite: None

Content: The Piano course is designed to introduce the basic fundamentals of the piano keyboard to students. Piano II teaches keyboard technique and music reading. Weekly performance tests are administered to evaluate each student's progress in the class.

#1543	PIANO II	CODE - P, L=9-12, U=5
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Prerequisite: Piano I or knowledge of keyboard

Content: Piano II takes the beginning piano student and increases his/her keyboard facility. Intermediate playing technique is developed by piano exercises and assignments. Other class instruction includes level 2 and 3 piano books with an emphasis on skill development.

#1551	ADVANCED PIANO	CODE - C, F, P, L=9-12, U=5
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Prerequisite: Piano II or knowledge of keyboard

Content: Advanced Piano takes the intermediate piano student and increases his/her keyboard facility. More advanced playing technique is developed by piano exercises and assignments. Other class instruction includes advanced level piano books with an emphasis on skill development.

#1564/3564	THEATRE ARTS CP	CODE - C, F, L=9-12, U=10
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Prerequisite: None

Content: Theatre Arts is a first year college prep course that introduces the student to basic theatre concepts including acting, directing, play production, dramatic criticism, improvisation, and ensemble techniques. The first semester provides an overview and builds a foundation. The second semester builds on the first and concentrates on developing skills and techniques. Emphasis is placed, in the second semester, on acting and creating characterization through the study of vocalization and physicalization. This is a performance-based course. Participation in an end of the year production is mandatory.

#1544	DRAMA II* DIRECTING	CODE - C, F, P, L=9-12, U=5
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Prerequisite: Audition or instructor approval.

Content: This one semester course builds on the foundations established in Drama II. The curriculum includes building acting skills and techniques. Emphasis is placed on characterization through analysis and the study of vocal and physical character. This is a performance-based class. The semester exam includes an evening performance.

#1546	DRAMA II*ACTING	CODE - C, F, P, L=9-12, U=5
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Prerequisite: Audition or instructor approval. Theatre CP with an A or B. Advanced Acting is recommended.

Content: This one semester course builds on the foundations established in Drama I. The curriculum includes developing directing techniques. Emphasis will be placed on staging, composition, rhythm and production organizational skills. Students will direct two projects for presentation at an evening performance.

#1560

PLAY PRODUCTION I & II

CODE - B, L=10-12, U=5

Prerequisite: Instructor approval

Content: Students will take on the production responsibilities necessary to produce a major dramatic or musical theatre performance. Responsibilities include, but are not limited to, the following: assistant director, stage manager, business manager, audience development, publicity, house manager, box office manager, costume design, make-up design, property manager, set construction & design, lighting design, sound design, and actor. This class will require additional time after school for rehearsal and the completion of technical element and performances. Students will develop a thorough understanding of the entire process required to produce a full-scale theatrical production. **Credit is limited to 20 total credits during high school.**

#1053

TECHNICAL THEATRE

CODE - B, L=10-12, U=5

Prerequisite: Teacher approval

Content: Students who complete Technical Theatre will learn the skills and background of the backstage aspect of theatrical performances. The course will acquaint students with the art and history of stagecraft and theatrical traditions. Individual projects will require students to research classical and contemporary plays to define styles and periods used in theatrical design. Technical Theatre will enhance skills in theatre vocabulary, stage design concepts, the theory and practical applications of skills in sound, lighting, properties, stage design, stage management and scenic construction.

#0964/2964

MULTIMEDIA DESIGN CP

CODE - C, F, L=9-12, U=10

Prerequisite: None

Content: Multimedia Design CP is a full year course that satisfies the University of California's Visual and Performing Arts requirement for admission. The course curriculum is built on the California Visual Arts Content Standards for grades nine through twelve. Students use the tools of technology to express themselves both creatively and visually. Students learn digital imaging, html editing, animation, and digital video production through both individual and group project-based assignments. As a final project, students create a digital portfolio of their work. Students learn the Art elements and apply the principles of design through digital applications. The purpose of Multimedia Design CP is to enable students to understand and appreciate artistic expression through multimedia, and to evaluate the media studied. The course strives to nurture individual talent and skills, and to encourage students to become creative, thoughtful practitioners in the world of computer multimedia.

#0961/2961

MULTIMEDIA II

CODE - C, P, L=10-12, U=10

Prerequisite: Multimedia Design CP

Content: Multimedia Design II is an intermediate-to-advanced course which will continue to build on the concepts and skills established in Multimedia Design CP the introduction to Digital Design, Film making and Video editing. Multimedia Design II will augment skills required to proceed with further professional growth in the Communication Design industry as well as introduce additional and more complex material. Multimedia Design II will concentrate on the creation of video production through camera work as well as film production via script writing, storyboarding, film editing, music creation and much more. Multimedia Design II moves students further forward in understanding film images and concepts as well as expands on the more highly evolved editing capabilities of various layout applications.

#0962/2962

ADVANCED MULTIMEDIA DESIGN

CODE - C, P, L=10-12, U=10

Prerequisites: Multimedia Design CP

Content: This is an advanced level, full year, contemporary media course focused on digital media production. This course uses an integrated/correlated curriculum emphasizing the five components of the framework. Students will express themselves both creatively and visually based on research and development of artistic skills and techniques. They will demonstrate a thorough understanding of the art elements and principles as a language and as visual elements in creating art. Students will create artistic projects that express their ideas, feelings and interpretations of visual, personal, and aesthetic experiences.

#1296/2396

VIDEO PRODUCTION

CODE - C, F, P, L=10-12, U=10

Prerequisites: Multimedia Design CP and Application.

Content: Video Production is the highest level course in the Multimedia Production area. It involves students in a production atmosphere where collegial cooperation is paramount and where high levels of production values are a must. This course centers on the Blackhawk Television production (BTV) which is produced bi-weekly for the students and staff of Citrus Valley High School. Students learn Advanced and Professional quality applications to film making and demonstrate these qualities through the BTV production. They work with a variety of media platforms and use advanced techniques and strategies to create their productions. The work environment and operating procedures help students to gain insights into the actual work ethics and functionality of a functioning production company. Here is where creativity flourishes to create a viable product.

#1052, #1053

TECH I AND TECH II

CODE - B, L=10-12, U=5

Prerequisite: Teacher approval

Content: Teck I and Teck II are classes designed to take the student into the world of advanced Film, Television technology and standards. Using a fiber optic camera system with simultaneous -editors, sound editing equipment, recorders and advanced computer editing programs student have actual hands-on experiences learning how to use and care for this equipment. The program centers around filming techniques, etiquette, trouble shooting, software and equipment protocols, maintenance and repairs. During the course of the semester, students will have the opportunity to work as a team in filming actual theatrical productions, balancing sound, simultaneous editing and recording the events. Teamwork, technical savvy, film structure and sound editing aspects are all expected learning outcomes.

COMPUTER TECHNOLOGY/ENGINEERING/BUSINESS

#0952/2952

COMPUTER SCIENCE

CODE - C, L=9-12, U=10

Prerequisite: None

Content: This course is for students seeking to write computer programs that will run on the Microsoft "Windows" operating system. Students will learn computer programming, logic development skills, and how to develop programs using a graphical user interface approach for "windows" applications.

#1475/3475

R.O.P THE ART OF COMPUTER ANIMATION

CODE - C, F, L=9-12, U=10

Prerequisite: None

Content:This comprehensive program introduces students to animation through theory and hands-on training in art fundamentals, drawing, cartooning, and animation basics. It also includes an introduction to computer graphics imaging. Students will study art theory, composition, color, spatial concepts, rendering and animation, and using creativity and imagination to convey ideas and tell a story. Integrated throughout the course are career technical education standards which include basic academic skills, communication, career planning, technology, problem solving, safety, responsibility, ethics, teamwork, and technical knowledge. ** *The Art of Animation has been UC a-g approved to meet the elective ("I" – VPA Intro) requirement.*

#1479/3479

R.O.P. VIDEO GAME DESIGN

CODE - L=9-12, U=10

Prerequisite: None

Content: Video Game Design is for anyone who loves computer games and wants to try to make them for themselves. The course provides students the opportunity to learn both the theory and application of gaming ideas, while providing basic instruction and principles of video game development. Video Game Design will introduce students to the Video Game Design Industry and the basic components and processes required to produce an interactive video game for market. The students will study the history of video games and analyze successful design aspects. Career opportunities and industry standards will be researched. (Articulated with Community College)

#1076	TECHNICAL DRAWING	CODE - L=9-12, U=5
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Prerequisite: None

Content: This course is designed to introduce technical drawing to students through the use computerized drafting equipment. Students will develop an understanding of basic computer drafting techniques including lines, lettering, dimensioning, multi-view drawing, modeling, and architectural drafting. Students will use the industry standard software to develop 2D prints and 3D drawings. Coursework is focused on product design and development. Software used: AutoCad 2016, Inventor 2016, Solidwrks.

#1078	ARCHITECTURAL DESIGN	CODE – P, L=9-12, U=5
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Prerequisite: Technical Drawing or teacher signature

Content: This course continues on the concepts of the Drafting Tech course, and focuses on architectural design. Students will use software to create a variety of project based assignments that explore various structures including homes and commercial buildings, as well as other structures. Software used: AutoCad.

#1077/3077	CAD- ADVANCED DRAFTING	CODE – P, L=9-12, U=10
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Prerequisite: Technical Drawing or teacher signature

Content: This advanced level Career Technical Education (CTE) course is designed to challenge students through the use of computer aided drafting (CAD). Students in this class will use the software to master basic drafting skills and techniques including lines, lettering, dimensioning, multi-view drawing, modeling, and architectural drafting. Students will use a combination of 2D and 3D software to complete a series of mechanical drawing projects, each lasting several weeks. There will be a strong emphasis on the ability to mentally visualize different views of objects, and problem solve the processes required to draw them. This course also focuses on basic geometry, and will serve as a review for these skills. SolidWorks 2009 will be used as a 3D modeling component, as well as Google Sketch Up Pro. All students will be required to manufacture at least one item using the CNC mill. Software used: SolidWorks. (Articulated with Community College)

Articulated courses are marked “@” indicating potential dual credit at CVHS and College.

#1084/3084	PRE-ENGINEERING DESIGN	CODE - C, L=10-12, U=10
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Prerequisite: Successful completion of a laboratory science and Integrated Math I recommended.

Content Pre-Engineering and Design students will investigate the various aspects of the engineering field with special emphasis in design and understanding of physical science principles. Fundamentals of engineering theory will be emphasized through the types of materials used in engineering and their applications as well as concepts in science and mathematics as they relate to engineering design. Students will use the tools and technologies of the engineering trade to design and conduct meaningful science and engineering investigations. Engineering investigations and projects will be rooted in real, local environmental areas of concern, and promote exploration for the connections between science and society. This is a project based course that follows a model of research, design, construct, evaluate. This course is aligned with the Career Technical Education, Physics and Mathematics standards.

MISCELLANEOUS ELECTIVE COURSES

#1620/3620	AVID	CODE - L= 9-12, U=10
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Prerequisite: Must have a 2.0 minimum GPA to participate in the program and commit to continuous enrollment of college preparatory sequence of courses. Students must submit application before entering program.

Content: Avid is an academic, regularly scheduled elective class based on “writing as a tool of learning.” Collaborative grouping, and inquiry method. The three main components of the program are academic instruction, tutorials support, and motivational activities. Students will benefit by learning from college tutors, interacting with many guest speakers, participating in extracurricular activities, visiting college campuses, learning different study and learning techniques including how to do “Cornell” notes. The program lasts all four years of high school. Students interested must submit applications and be approved by the AVID coordinator, counselor, and teachers.

#1626/3626	ACADEMIC DECATHLON	CODE - L=10-12, U=10
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Prerequisite: Teacher approval

Content: This course is designed for the academically-motivated student. The course will provide students with opportunities for review and enrichment in the following major academic areas: economics, English (language & literature), fine arts, mathematics, speech, science, and social science. Students will be selected for the academic decathlon teams from this class.

#1627/3627	STUDENT GOVERNMENT	CODE - L= 9-12, U=10
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Prerequisite: A member of Student Government must be elected or appointed to office to fill the following positions: A.S.B. President; Vice President; Secretary; Treasurer; Sophomore, Junior, or Senior Class President; 9 Commissioners; and 12 Class Representatives. A.S.B. Officers and Commissioners must have a 3.00 average.

Content: Student Government meets daily, during which time general government business, committee meetings, section reporting, and leadership training is conducted. Each representative is responsible for reporting and conducting school business in a class meeting, thus affecting a two-way communication system between students and Student Government.

#1624/3624	MOCK TRIAL	CODE - P, L=9-12, U=10
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Prerequisite: Teacher approval

Content: This course is designed for students interested in a legal career. Students will be selected for the mock trial teams from this class to compete in the county competition. The course will introduce students to all areas of the law. They will gain practical experience in the court room. This course involves memorization and public speaking as well as dramatic ability.

#1632	LINK CREW	CODE - P, L=11-12, U=5
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Prerequisite: Application

Content: The Link Crew Leadership elective class is a year-long course that focuses on the development of the leadership skills of Link Leaders. Link Crew leaders will guide freshmen to discover what it takes to be academically and socially successful during the transition into high school. The course provides training for Link Leaders in the following areas: facilitating small groups; developing and delivering classroom lessons; providing academic and social support to 9th grader in an individual setting; creating and planning 9th grade specific activities that foster unity and inclusion of the entire 9th grade class; and much more.

#1485/3485	R.O.P. FASHION MERCHANDISING AND MARKETING	CODE - C, L=10-12, U=10
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Prerequisite: None

Content: Fashion merchandising is a profession that incorporates the A-to-Z processes in the fashion business ranging from producing, product development, promoting and buying and selling fashion items such as clothing, accessories, jewelry, cosmetics and shoes. A fashion merchandiser may work for a textile manufacturer, a designer or a fashion retail outlet such as a department store, children's clothing store or a discount store. A fashion merchandiser is also required to be in touch with market trends, fashion updates as well as popular preferences in a particular locality. Topics include an overview of the fashion industry, evolution and movement of fashion, career development, merchandising, risk management, and promotion. Students will also participate in the running of the student store on campus. Worksite learning is an optional component of this class and is available to eligible students.

#1418/3418	R.O.P. CREATING AN ONLINE BUSINESS	CODE - L=10-12, U=10
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Prerequisite: None

Content: Creating an Online Business provides a background in business concepts including the role of entrepreneurial businesses in the United States and their impact on the local, regional, national and global economy. Students will evaluate the skills and commitment necessary to successfully create and operate an online business venture. Students will assess the current economic, social and political climates for their entrepreneurial ideas, evaluating their business concepts, and writing business plans for their online venture. By the end of the course, students will assess the strengths and weaknesses of an online business concept, collect and organize market research data into a marketing plan, and prepare the financial analysis for their online business venture. Students will also participate in the running of the student store on campus. **Articulated courses are marked "@" indicating potential dual credit at CVHS and College.**

#1159/3159

R.O.P. CAREERS IN CHILD DEVELOPMENT

CODE - C, L=9-12, U=10

Prerequisite: None

Content: Careers in Child Development provides students with specific training for occupations as a pre-school teacher, infant teacher, before and after school care teacher, family day care provider, foster care parent, teacher's aide, camp counselor or recreation aide. Instruction includes: child growth and development, nutrition, child health and safety, positive discipline, curriculum and lesson plans and laws and regulations relating to child care services. **Worksite learning (Community Classroom) experience is an optional component of this course allowing eligible students the opportunity to earn up to 5 extra elective credits.** Students can successfully become employed as provisional teachers under Title 22. ***The Careers in Child Development class has been UC a-g approved to meet the elective ("g" – History/Social Science) requirement. (Articulated with Community College) Articulated courses are marked "@" indicating potential dual credit at CVHS and College.*

#1480/3480

R.O.P. CAREERS IN EDUCATION

CODE - L=10-12, U=10

Prerequisite: None

Content: This entry-level course is designed to provide students with the knowledge of career opportunities in the field of teaching and other school site educational professions. Career preparation standards which include basic academic, safety, communication, interpersonal and problem-solving skills are integrated throughout the course. Active class participation may be enhanced by fieldwork at school sites under the guidance of a mentor teacher. The course helps prepare students for entry into college or university teacher training programs. **180 hours of Community Classroom needed for certification. Worksite learning (Community Classroom) is an optional component of this course allowing eligible students the opportunity to earn up to 5 extra elective credits. Semester course (may be taken up to 4 times)**

#1411/3411

R.O.P. INTRODUCTION TO CRIMINAL JUSTICE

CODE – C, L=10-12, U=10

Prerequisite: None

Content: Introduction to Criminal Justice is designed to expose students to the occupations within the Criminal Justice System. Students will examine the criminal justice system through the study of laws of evidence, techniques of investigation, report writing, and courtroom procedures. Writing skills, oral communication skills, positive attitudes, and presentation skills related to law enforcement will be emphasized. Many of the performance objectives align with the state's Peace Officer Standards and Training (POST) requirements. Students will be exposed to the wide array of employment opportunities within the public safety service arena. ***The Introduction to Criminal Justice has been UC a-g approved to meet the elective ("g" – History/Social Science) requirement. (Articulated with Community College) Articulated courses are marked "@" indicating potential dual credit at CVHS and College.*

#1402/3402

R.O.P. CRIMINAL INVESTIGATION

CODE - P, L=10-12, U=10

Prerequisite: Introduction to Criminal Justice ("C" or better), or a 3.0 or better GPA, or with the Instructor's permission.

Content: Forensic Science is designed to give students both theory and hands-on experience in the skills and knowledge required of a forensic crime scene investigator. Included will be an introduction to crime scene investigation, crime scene photography and diagrams as they are used in a criminal investigation. Also included is the importance of physical evidence in solving crimes, dusting and lifting fingerprints, rolling a 10-print fingerprint card, how to perform a gunshot residue test, methods for collecting and processing various types of evidence and the use of forensic light source technology in crime scene investigations. Emphasized throughout the course is the importance of effective communication and interpersonal skills, professional development, strong academic skills, problem-solving, safety and the use of technology.

#1423

R.O.P. ETHICS IN HEALTH CARE OCCUPATIONS

CODE – C, L=10-12, U=5

Prerequisite: None

Content: Ethics in Health Care is a one semester course designed to introduce students to the discipline of bioethics and encourage students to engage in an active exploration of ethical issues often encountered in the health care field. The goal of the class is to develop students' skills in critical thinking, ethical decision-making, and philosophical analysis. Students will be expected to formulate and present their ideas and reflect on the relationship between moral, professional, and legal obligations of health care practitioners. This course is designed to provide a strong foundation for students pursuing a medical pathway in a variety of health care disciplines. **Ethics in Health Care has been UC a-g approved to meet the elective ("g" – History/Social Science) requirement.**

#1424/3414 R.O.P. PHARMACOLOGY FOR HEALTH CARE PROFESSIONS CODE - C, P, L=10-12, U=10

Prerequisite: Medical Terminology Preferred.

This course provides a foundation for the use of medications across multiple health care professions. It focuses on a general understanding of the actions and use of various groups of pharmacologic agents. Included in the course is an overview of medications, the effect on different organ systems and the disease process, therapeutic effects, drug calculations, anatomy and physiology, and medical terminology. The course is designed to prepare students to further their education in multiple health care fields. **Pharmacology for Health Care Professionals has been UC a-g approved to meet the elective (“g” – Interdisciplinary) requirement**

#1426/3426 R.O.P. CAREERS IN NUTRITION AND WELLNESS CODE - C, P, L=11-12, U=10

Prerequisite: “C” or better in Biology and Integrated Math I preferred

Dietitians and Nutritionists organize, plan, and conduct food service or nutritional programs to help promote health and control disease. They may operate individually or in groups in clinical, food service or community settings. They may manage the activities of departments providing food services, as well as plan, organize, and conduct programs in nutritional research. In this program, students will learn the fundamentals of nutrition while developing an understanding of how nutrition affects people physically, mentally, and emotionally. Students will learn about the many career options within the field of nutrition in health care, education, industry, government and community health. Students will research related certification requirements. Worksite learning is an optional component of this course and is available to eligible students. **Careers in Nutrition and Wellness has been UC a-g approved to meet the elective (“g” – Laboratory Science – Biology / Life Sciences) requirement. Articulated courses are marked “@” indicating potential dual credit at CVHS and College**

#1425/3425 R.O.P. MEDICAL SERVICES OCCUPATIONS CODE - L=10-12, U=10

Prerequisite: None

Content: A great class to help a student survey the various careers in medicine that they might want to pursue and learn some practical skills to help them be marketable in a medical setting. Topics include basic medical terminology, anatomy and physiology, nutrition, vital signs, and an overview of the various medical career areas. This course is part of a recommended course sequence. **Worksite learning (Community Classroom) is an optional component of this course for eligible students - May be taken for a second year with possible externship hours.**

#1425 R.O.P. MEDICAL TERMINOLOGY CODE - L=10-12, U=5

Prerequisite: None (**Semester course**)

Content: This class is the foundation of a career in the medical field. Students will learn medical terminology in relation to various body systems and medical procedures. Proper use of roots, prefixes and suffixes will be studied in the formation of medical words. Medical Terminology is a prerequisite for the on campus Medical Administrative Assistant - Front Office class as well as other post- secondary options. (Articulated with Community College)
Articulated courses are marked “@” indicating potential dual credit at CVHS and College.

#1428 R.O.P. MEDICAL ADMINISTRATIVE ASSISTANT – FRONT OFFICE CODE - L, P =10-12, U=5

Prerequisite: Medical Terminology (**Semester course**)

Content: Learn and practice medical office procedures including customer service, appointment setting, filing, charting and some billing. This class is an important piece in the Medical Assistant training process. The course prepares students to have the knowledge to work in a medical office/clinic setting. **High achieving students may be eligible for Community Classroom/externship hours. Articulated courses are marked “@” indicating potential dual credit at CVHS and College.**

#1482/3482	R.O.P. EMERGENCY MEDICAL RESPONDER	CODE - C, P, L=11-12, U=10
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Prerequisite: Medical Terminology

An Emergency First Responder (EMR) is the first medically trained person to arrive on a scene of an emergency. The EMR provides care to injured persons, and assists other emergency medical service providers. This course will train students how to recognize emergency situations, maintain personal safety, and provide basic emergency care including CPR and First Aid, prevention of disease transmission, along with an understanding of ethical and legal considerations. This course will prepare students who are interested in a career as a firefighter, law enforcement officer, emergency medical technician, or paramedic. (Articulated with Community College) **Articulated courses are marked “@” indicating potential dual credit at CVHS and College.**

#1425/3425	R.O.P MEDICAL SERVICES OCCUPATIONS	CODE - L=10-12, U=10
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Prerequisite: None (**May be taken for a second year with possible externship hours**)

Content: A great class to help a student survey the various careers in medicine that they might want to pursue and learn some practical skills to help them be marketable in a medical setting. Topics include basic medical terminology, anatomy and physiology, nutrition, vital signs, and an overview of the various medical career areas. This course is part of a recommended course sequence. **Worksite learning (Community Classroom) is an optional component of this course for eligible students.**

#1169	FOODS I	CODE - L=10-12, U=5
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Prerequisite: None

Content: Students will prepare foods using a variety of cooking methods. Food preparation and care of equipment will be included along with good nutrition. Course includes laboratory cooking experience. This is a fee class; fees are charged for student projects taken home and kept by the student. Fee reductions and waivers can be arranged with the teacher if necessary.

#1170	FOODS II	CODE - L=10-12, U=5
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Prerequisite: Foods I

Content: The creative study of foods with experiences to include regional cooking in the United States, gourmet cooking with herbs and spices, international foods, and special foods for entertaining groups. Includes planning in food management, cooking from “scratch”, and shopping for food. A fee is required.

#1171	ADVANCED FOODS	CODE – P, L=10-12, U=5
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Prerequisite: Foods II

Content: Advanced Foods is a yearlong course that will expose students to restaurant management and explore careers in the restaurant industry. Students will rotate through all restaurant positions as they operate restaurant that serves lunch to school staff once per week. (Articulated with Community College) **Articulated courses are marked “@” indicating potential dual credit at CVHS and College.**

#1635	TEACHER ASSISTANT	CODE – P, L=11-12, U=5/10
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Prerequisite: Teacher approval.

Content: This course is for dependable students who wish to contract to work in the classroom or the office. Approval should be received from the teacher or administrator for whom the student wishes to be an aide. The student will perform duties such as typing, processing student assignments, operating school equipment, etc. Confidential student grading or official attendance accounting is not part of the TA contract. **TA credit is limited to 10 total credits during high school.**

Note: In ROP students also earn a Certificate of Competency with successful completion of 70% or more of the course competencies established by our advisory panels ROP articulated courses are marked “@” indicating potential dual credit at CVHS and College.