

Roseville High School Academic Program Planning Guide 2018 – 2019

This academic program planning guide is interactive.
Click on the [ORANGE](#) content areas below for
more information about that topic.

*To return to this page, click on "Return to Main Menu"
located at the bottom of each page*

[Registration Letter of Introduction](#)

[Free Public Education](#)

[RHS Academic Course Planning & Graduation Requirements](#)

[Courses of Study & "Tiger Pathways"](#)

[UC/CSU A-G Entrance Requirements](#)

[Post High School Educational Options](#)

[Special Programs](#)

[!\[\]\(cf531ed27e91483460120fcc057b3901_img.jpg\) Course Offerings by Department !\[\]\(34fde9b7c74442c0438f550a41236260_img.jpg\)](#)

[Advanced Placement Program](#)

[Advancement Via Individual Determination](#)

[Career Technical Education](#)

[English](#)

[English Language Development](#)

[English Language Intervention](#)

[Health](#)

[Mathematics](#)

[Math Intervention](#)

[Physical Education](#)

[Science](#)

[Social Science](#)

[Special Education](#)

[Visual and Performing Arts](#)

[World Language](#)

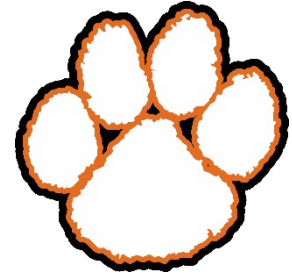
[Student Leadership & Service](#)

[CTEWORKS \(PCOE\)](#)

[College and Career Websites](#)

[RHS Guidance Department](#)

Roseville Joint Union High School District
ROSEVILLE HIGH SCHOOL
2018-2019 Academic Program Planning Guide



Dear Students and Parents/Guardians:

Welcome to Roseville High School (RHS). We are excited to share with you this course selection guide, where you will find an abundance of information regarding:

- Course descriptions
- Exciting and innovative programs, including AVID, CTEWorks (formally ROP), advanced placement courses, dance, culinary arts, and Project Lead the Way.
- Roseville High School's graduation requirements and college entrance (UC/CSU a-g) courses of study which will prepare you for a variety of college and career pathways.
- Resources to assist you in developing your four-year plan at RHS and a fifth year plan for post-secondary education (college).

Whether you are a new student or are returning to Roseville High School, you will want to use the information provided in this guide to help you plan your academic path towards graduation and post-secondary education. Planning ahead and setting academic goals will assist you in remaining focused and prepare you to meet the challenges of a diverse and changing world. Therefore, we ask that you please review the contents of this guide along with all registration materials and then carefully select the courses that meet your goals for graduation and college preparation.

We appreciate your collaborative efforts in carefully selecting your courses, developing a meaningful and rigorous four-year plan, and completing the required registration materials. Your part in this process is very important and will ensure a smooth and successful registration process.

We look forward to another successful school year and are eager to work with you through your high school journey.

Sincerely,

Roseville High School Counseling Staff

HOMELINK: CONNECTING PARENTS AND STUDENTS TO SCHOOL INFORMATION

HomeLink is your connection to grade, attendance, and homework information. To create a student or parent account, please follow the instructions posted at our HomeLink website: <http://rjuhsd.us/homelink>. If you have trouble creating an account or accessing information, please contact our registrar, Dana Studebaker, at (916) 782-3753 ext. 3020 or via e-mail at dstudebaker@rjuhsd.us.

FREE PUBLIC EDUCATION

The California Constitution requires that schools provide a free public education, unless a charge is specifically authorized by law. (California Constitution, Article IX-5) (Hartzell vs. Connel 1984)

Section 5 of Article IX of the State of California Constitution guarantees students a “free public education.” The State Supreme Court concluded in the 1984 case of Hartzell v. Connell (1984) (35 Cal. 3d 899) that “all educational activities carried on by public school districts, extra-curricular as well as curricular, must be without cost to the students who participate in such activities.” This same ruling found that “mandatory fees for participating in such extra-curricular activities as drama, music, and athletic competition” were illegal under the State Constitution. Furthermore, the Court also rejected the argument that “fees could be charged so long as the District waived fees for students who were financially unable to pay.”

PERMISSIBLE FEES

California public schools may charge fees as outlined in the Education Code. These permissible fees include:

- Transportation to and from school.
- Charges for food (limited by the free and reduced price meal program).
- Insurance for field trips (so long as there is a waiver for financial hardship).
- Fees for all community/adult classes.
- Lost or damaged books or district supplies.
- Direct cost of materials for property the student has made in class for his/her own use.
- Fees for school camp programs (i.e. outdoor science camp) – A permissible fee, but can't be mandatory.
- Actual cost of duplication of public records or student records.
- Charges for medical and accident insurance for athletic team members (so long as there is a waiver for financial hardship)

EDUCATION CODE §17551

Students may be charged a fabrication fee for the direct costs in purchasing a project/property fabricated in a class such as a bookcase in woodshop. The charge is limited to the direct costs for the project. Absent purchase of the project for its direct costs, the school site may keep the project as its own personal property.

RHS Academic Course Planning

To graduate from Roseville High School, students must:

- Pass all courses required for graduation (see below District Graduation Requirements)
- Earn a minimum of 260 total credits (credits earned for courses passed)
- Pass the RJUHSD Personal Finance Course

To qualify for UC, CSU, and other 4 year universities and to best prepare for community colleges:

- Complete at least the minimum college preparatory “a-g” courses with grades of “C” or better
- Complete the SAT or ACT (including the writing portion). SAT Subject tests may be recommended or required at specific universities or for certain majors.

<i>a – g</i>	Subject	District Graduation Requirements	UC/CSU Entrance Requirements
<i>a.</i>	History/Social Science	3 YEARS World Studies (10 th), US History (11 th), Government & Economics (12 th)	2 YEARS World Studies or AP European History, or AP Human Geography US History or AP US History
<i>b.</i>	English	4 YEARS	4 YEARS
<i>c.</i>	Mathematics	2 YEARS (at and above CCIM1)	3 years (4 recommended) (Min. of CCIM1, CCIM2, CCIM3)
<i>d.</i>	Laboratory Science	2 YEARS (1 year Life & 1 year Physical)	2 YEARS (3 recommended) (NGSS Biology and Chemistry)
<i>e.</i>	Language other than English	1 YEAR (or 1 year Visual / Performing Art)	2 YEARS (3 recommended) (of the same language)
<i>f.</i>	Visual and Performing Arts	1 YEAR (or 1 year Language other than English)	1 YEAR
<i>g.</i>	Electives	11 total elective courses (at least one CP elective)	1 YEAR (see ‘a – g’ Certified Course List)
	Physical Education	2 YEARS (9 th & 10 th grades)	N/A
	Health	1 YEAR	N/A
		Personal Finance Course	

The mission statement at Roseville High School is:

“Working together, we will prepare every student for post-secondary education.”

We want our students to do more than just earn a high school diploma. When students graduate from RHS, they need to be prepared to continue their education. What does it mean to be “prepared” for an education after you graduate? The California Dept. of Education is now providing that definition with a College and Career Indicator (CCI). To be “prepared” for life after high school, students need to graduate meeting at least one of the following standards:

1. Completion of courses that meet the University of California (UC) a-g criteria⁽¹⁾ plus one of the following criteria:
 - Completion of a Career Technical Education (CTE) Pathway⁽²⁾
 - At least a Level 3 "Standard Met" on ELA or Math and at least a Level 2 "Standard Nearly Met" on the other subject area on the CAASPP⁽³⁾ in the junior year
 - A passing grade on one semester/two quarters of a Dual Enrollment⁽⁴⁾ course
 - A passing score on one Advanced Placement (AP) Exam⁽⁵⁾
2. Career Technical Education (CTE) Pathway Completion plus one of the following criteria:
 - Completion of courses that meet the University of California (UC) a-g criteria
 - At least a Level 3 "Standard Met" on ELA or Math and at least a Level 2 "Standard Nearly Met" on the other subject area on the CAASPP in the junior year
 - A passing grade on one semester/two quarters of a Dual Enrollment course
3. Passing Score on two Advanced Placement (AP) Exams
4. At least a Level 3 "Standard Met" on both ELA and Mathematics on the CAASPP in the junior year
5. Completion of two semesters/three quarters of Dual Enrollment with a passing grade

We have a responsibility to ensure that we are giving our students every chance to meet the state standards for being “prepared.” To that end, RHS is committed to enrolling students into the courses they need to be “prepared” when they graduate. Students may not always get what they want. But they will get what they need.

Keep this commitment in mind when signing up for classes. Keep it in mind when collaborating with counselors. Keep it in mind when requesting schedule changes. Keep it in mind when working with teachers.

It is important because...

“Working together, we will prepare every student for post-secondary education.”

⁽¹⁾ For University of California (UC) a-g criteria see page...

⁽²⁾ For Career Technical Education (CTE) Pathway criteria see page...

⁽³⁾ The CAASPP is the California Assessment of Student Progress given annually in the spring to all juniors.

⁽⁴⁾ A Dual Enrollment Course is a course taken in high school that is approved by a college for college credit

⁽⁵⁾ For Advanced Placement (AP) criteria see page...

COURSES OF STUDY AND "TIGER PATHWAYS"

Our pathways help students become prepared for life after high school. What is a pathway? It's a sequence of at least three progressively more challenging elective courses in a variety of student interest areas. Most of these courses fulfill the UC/CSU a-g requirements. *Freshmen have room to start two of the pathways below in their freshman year.* The "future courses" show just some of the additional classes students can take after they take an introductory course.

<u>PATHWAY</u>	<u>FRESHMAN COURSE</u>	<u>FUTURE COURSES</u>
AVID	AVID 9 (<i>Yearlong Pathway</i>)	AVID 10, 11, 12
Bio Medical	Principles of Biomedical Science	Human Body Systems Medical Interventions Biomedical Innovation
Culinary and Hospitality	Intro to Food and Beverage	Methods, World Cuisines & Catering Adv. Techniques & Event Mgmt. Intern and Industry Apprentice
Computer Science	Exploring Computer Science	IT Essentials AP Computer Science Technology Innovations (<i>Pending Board Approval Spring 2018</i>)
Engineering	Intro to Engineering Design	Intro to Engineering and Design Computer Integrated Manufacturing Engineering Design and Development
Leadership and Service	Leadership Peer Helping	Student Government Recreation Administration Peer Helping Students Teaching Students
Media and Journalism	Media Productions	Advanced Media Productions Yearbook Media Management (<i>Pending Board Approval Spring 2018</i>)
Performing Arts	Band Dance 1 Beginning Drama Beginning Guitar Beginning Piano	Band, Jazz Band Dance 2,3,4, Choreography Intermediate & Advanced Drama Intermediate & Advanced Guitar Intermediate Piano
Visual Arts	Art 1	Art 2, 3, 4 & AP Studio Art Drawing or 2D Ceramics 1, 2, AP Studio Art 3D Digital Photo 1, 2, 3, AP Studio Art 2D

*Our schedule allows students to take multiple pathways in their four years at RHS to get where they want, and need, to go. You can graduate with AP Courses, **plus** "The Arts," **plus** a Career Technical Education program of study on your college application. Or, you can focus your time and energy on one area like AVID, Band, Computers, Dance, Science or Theatre. The following four year plans are just samples that illustrate the flexibility students have to make a variety of pathways work over four years. They are designed to show different combinations of pathways and are provided as a guide. Students can mix and match pathways, based on their interests and talents.*

SAMPLE 4 YEAR PLANS: Advanced Placement (AP) & Leadership and Service

FROSH	SOPHOMORE	JUNIOR	SENIOR
Pre AP English 9	Honors English 10	AP Language	AP Literature
Pre AP Geography	AP European History	AP US History	AP Government
CCIM1	CCIM2	CCIM3	Pre-Calculus
NGSS Biology	AP Biology	AP Environmental Science	AP Psychology
French 1	French 2	French 3	French 4
Health & Safety	Leadership	Student Government	Student Government
VAPA	Peer Helping	Rec. Admin	Peer Helping
PE 9	PE 10	VAPA	AP Economics

SAMPLE 4 YEAR PLANS: AVID & Advanced Placement (AP)

FROSH	SOPHOMORE	JUNIOR	SENIOR
Pre AP English 9	Honors English 10	AP Language	AP Literature
Pre AP Geography	World Studies	US History	Government & Economics
CCIM1	CCIM2	CCIM3	Pre-Calculus
NGSS Biology	Chemistry	Physiology	AP Environmental Science
Health & Safety	Spanish 1	Spanish 2	Spanish 4
AVID 9	AVID 10	AVID 11	AVID 12
AVID 9	AVID 10	AVID 11	AVID 12
PE 9	PE 10	Spanish 3	VAPA

SAMPLE 4 YEAR PLANS: Performing Arts & Advanced Placement (AP)

FROSH	SOPHOMORE	JUNIOR	SENIOR
Pre AP English 9	Honors English 10	AP Language	AP Literature
Pre AP Geography	World Studies	US History	Government & Economics
CCIM1	CCIM2	CCIM3	AP Statistics
NGSS Biology	CP Chemistry	Physiology	French 3
Health & Safety	French 1	French 2	French 4
Band, Dance, Theater Guitar, Piano	Band, Dance, Theater Guitar, Piano	Band, Dance, Theater Guitar, Piano	Band, Dance, Theater Guitar, Piano
Band, Dance, Theater Guitar, Piano	Band, Dance, Theater Guitar, Piano	Band, Dance, Theater Guitar, Piano	Band, Dance, Theater Guitar, Piano
PE 9	PE 10	Pre-Calc	AP Calculus AB

SAMPLE 4 YEAR PLANS: Bio Medical Sciences and Media

FROSH	SOPHOMORE	JUNIOR	SENIOR
CP English 9	English 10	English 11	English 12
Health & Safety	World Studies	US History	Government & Economics
CCIM1	CCIM2	CCIM3	College Algebra
NGSS Biology	AP Biology	Spanish 3	AP Environmental Science
Spanish 1	Spanish 2	Spanish 4	AP Spanish
Media Productions	Advanced Media Productions	Media Management	Yearbook
Principles of Bio Medical	Human Body Systems	Medical Interventions	Biomedical Innovation
PE 9	PE 10	VAPA	Peer Helping

SAMPLE 4 YEAR PLANS: Engineering & Culinary Science

FROSH	SOPHOMORE	JUNIOR	SENIOR
CP English 9	English 10	English 11	English 12
Health & Safety	World Studies	US History	Government & Economics
CCIM2	CCIM3	Pre-Calculus	AP Calculus AB
NGSS Biology	AP Biology	CP Chemistry	AP Chemistry
Spanish 1	Spanish 2	Spanish 3	AP Physics
Intro to Food and Beverage	Methods, World Cuisines & Catering	Adv. Techniques & Event Management	Intern and Industry Apprentice
Intro to Engineering Design	Computer Integrated Manufacturing	Engineering Design and Development	VAPA
PE 9	PE 10	VAPA	Peer Helping

SAMPLE 4 YEAR PLANS: Computer Science & Advanced Placement (AP)

FROSH	SOPHOMORE	JUNIOR	SENIOR
Pre AP English 9	Honors English 10	AP Language	AP Literature
Pre AP Geography	AP European History	AP US History	AP Government
CCIM2	CCIM3	Pre-Calculus	AP Calculus AB
NGSS Biology	CP Chemistry	Physiology	Physics
French 1	French 2	French 3	French 4
Health and Safety	VAPA	VAPA	AP Economics
Exploring Computer Science	IT Essentials	AP Computer Science	Technology Innovations
PE 9	PE 10	Leadership	Media Productions

SAMPLE 4 YEAR PLANS: Visual Arts

FROSH	SOPHOMORE	JUNIOR	SENIOR
English 9	English 10	English 11	English 12
Health & Safety	World Studies	US History	Government & Economics
CCIM1	CCIM2	CCIM3	Advanced Math
NGSS Biology	CP Chemistry	Physiology	Intro to Creative Writing
Spanish 1	Spanish 2	Spanish 3	Spanish 4
Art 1	Art 2	AP Studio Art: Drawing	AP Studio Art: 2D
Digital Photo 1	Digital Photo 2 or Ceramics 1	Digital Photo 3 or Ceramics 2	AP Studio Art: 3D
PE 9	PE 10	Peer Helping	AP Art History

SAMPLE 4 YEAR PLANS: Leadership and Service

FROSH	SOPHOMORE	JUNIOR	SENIOR
English 9	English 10	English 11	English 12
Health & Safety	World Studies	US History	Government & Economics
CCIM1	CCIM2	CCIM3	AP Statistics
NGSS Biology	CP Chemistry	AP Environmental Science	AP Psychology
Spanish 1	Spanish 2	Spanish 3	Spanish 4
Leadership	Leadership	Student Government	Student Government
Peer Helping	Peer Helping	Rec Admin	Students Teaching Students
PE 9	PE 10	VAPA	Intro to Food and Beverage

University of California / California State University
a - g Certified Course List Roseville High School 2018 - 2019
This list is updated yearly as new courses are submitted

Underlined courses denote "weighted" honors credit:

A= 5, B = 4, C = 3 **a. HISTORY/SOCIAL SCIENCE**

Geography and World Cultures
World Studies
US History
Government
AP European History
AP US History
AP Government and Politics
AP Human Geography

b. ENGLISH

CP English 9
CP English 10
Honors English 10
CP English 11
AP Language Composition
CP English 12
AP Literature Composition 12
Expository Reading and Writing

c. MATHEMATICS

CCIM1
CCIM2
CCIM3
EAP Mathematics (ESM)
Pre-Calculus
Honors Pre-Calculus
AP Calculus AB
AP Calculus BC
AP Statistics

d. LABORATORY SCIENCE

AP Biology
NGSS Biology
Biomedical Innovations (PLTW) (Pending)
Chemistry
AP Chemistry
AP Environmental Science
Physics
AP Physics 1
Physiology
Principles of the Biomedical Sciences (PLTW)
Human Body Systems (PLTW)
Medical Interventions (PLTW)

e. LANGUAGE OTHER THAN ENGLISH

French 1, 2, 3, 4
Spanish 1, 2, 3, 4
AP French
AP Spanish
Native Spanish 1, 2

f. VISUAL AND PERFORMING ARTS

Art 1	Drama
Art 2	Advanced Drama
Art 3	Professional Drama
<u>AP Studio Art 2-D Design</u>	Beginning Guitar
<u>AP Studio Art 3-D Design</u>	Intermediate Guitar
<u>AP Studio Art Drawing</u>	Advanced Guitar
<u>AP Art History</u>	Jazz Ensemble
Ceramics 1	Multimedia
Ceramics 2	Musical Theatre
Dance 1	Percussion Ensemble
Dance 2	Photography 1
Dance 3	Photography 2
Dance 4	Beginning Piano
Choreography Dance History	* Intermediate Piano
	The Tiger Band

g. COLLEGE PREPARATORY ELECTIVES

History/Social Science: Courses listed under 'a' plus:

Economics AP Psychology
AP Microeconomics Psychology

AP Macroeconomics

English: Courses listed under 'b' plus:

Creative Writing 1 (Pending)

Creative Writing 2 (Pending)

Laboratory Science: Courses listed under 'd' plus:

CP Earth Science

Interdisciplinary: Courses listed under 'g'

AP Computer Science A

Intro to Engineering and Design (PLTW)

Principles of Engineering (PLTW)

Engineering Design & Development (PLTW)

AVID 9, 10, 11, 12

Info Tech Essentials

Exploring Comp Science

AP Comp Science Principles

COMMUNITY COLLEGE COURSES

Community College courses may fulfill UC/CSU "a - g" and/or RJUHSD graduation requirements. For more information about Concurrent Enrollment (BP 6172.1) of Community College Courses and the Grading Policy (BP 5121.1) go to the RJUHSD website at www.rjuhsd.us.

When applying to college, students must submit community college transcript

~ Return to Main Menu ~

POST HIGH SCHOOL EDUCATIONAL OPTIONS

UNIVERSITY OF CALIFORNIA (UC Davis, Berkeley, etc.)

The UC system includes ten four-year universities offering a variety of BA and BS degrees. Master's and doctoral postgraduate (Ph.D) programs are also available. To qualify for entrance, students must have a high school diploma, successfully complete the A-G course of study with a grade of C or better, and take the ACT plus Writing or SAT examination. Students must have a high school grade point average of 3.0 or higher to be eligible for the UC system. Entrance GPA and requirements may vary depending on the major area of study and the campus selected.

CALIFORNIA STATE UNIVERSITY (CSU Sacramento, Chico, etc.)

The CSU system includes 23 four-year universities offering a variety of BA and BS degree programs. Master's degree programs are also available. To qualify for entrance, students must have a high school diploma. Students must follow a college/university preparatory program and must successfully complete the courses listed above with a grade of C or better. Students must have a high school grade point average of 2.0 or higher to be eligible for the CSU system. Those with GPA's below 3.0 must score proportionately higher on the ACT or SAT College Entrance Examinations. Entrance GPA and requirements may vary depending on the major area of study and the campus selected.

PRIVATE UNIVERSITIES/COLLEGES (Stanford, William Jessup, etc.)

There are many private colleges and universities in California and throughout the United States offering a variety of BA and BS degree programs. Master's degree and Doctorate/Professional degree programs are also available. Their entrance requirements are similar to those of the University of California or the California State University systems.

OUT-OF-STATE UNIVERSITIES/COLLEGES (University of Nevada, Reno, Oregon State, etc.)

There are over 3400 out-of-state colleges and universities throughout the United States offering a variety of BA and BS degree programs as well as Master's and Doctorate/Professional degree programs. Their entrance requirements vary per school. Consult the individual college catalogs and websites for specific information regarding entrance requirements.

COMMUNITY COLLEGES

The California Community College system includes campuses which offer AA or AS degrees and certificates as well as training in many trades and technical fields. Community colleges also provide a transfer program where the classes taken for credit can be transferred to the University of California, California State University and other universities and colleges. Students who are 18 years of age may attend a community college even though they may not have graduated from high school.

CAREER/TECHNICAL SCHOOLS

These schools offer certificates for training in a variety of vocational occupations. Most of these schools require a high school diploma or its equivalent. Students who take advantage of high school preparation courses can complete training in a minimum amount of time, usually six to 18 months. Some of these schools are available here in the Sacramento area.

MILITARY

Armed services of the United States that train members in a variety of careers. Requires a high school diploma or its equivalent and the Armed Services Vocational Aptitude Battery (ASVAB).

SPECIAL PROGRAMS

ENGLISH LANGUAGE DEVELOPMENT (ELD)

ELD is designed to act as an integrated program to meet the academic, cultural and social needs of English Learners (EL). English Language Learner program provides three levels of English Language Development (ELD) – beginning, intermediate and advanced. Student's ELD placement is determined by the overall performance on the California English Language Development Test (CELDT) that is used to assess how well the student can listen, speak, read and write in English. The student will take the CELDT on an annual basis. Additionally, each student is provided whole-class instruction in an academic program consistent with the student's assessed needs. Please refer to English Language Development classes for specific ELD level course descriptions in conjunction with CELDT prerequisites.

Diseñado para actuar como un programa integrado para satisfacer las necesidades académicas, culturales y sociales de los estudiantes de inglés (EL). Programa de Inglés como segunda lengua ofrece tres niveles de Desarrollo del Idioma Inglés (ELD) - comienzo, intermedio y avanzado. Colocación de ELD del estudiante se determina por el rendimiento general en la Prueba de Inglés de California del Desarrollo del Idioma (CELDT) que se utiliza para evaluar qué tan bien el estudiante puede escuchar, hablar, leer y escribir en Inglés. El estudiante tomará el CELDT sobre una base anual. Además, cada estudiante recibe instrucción de toda la clase en un programa académico consistente con las necesidades evaluadas del estudiante. Por favor, consulte las clases de Desarrollo del Idioma Inglés para descripciones de los cursos de nivel específicos a ELD junto con requisitos previos del CELDT.

Разработанная программа, как интегрированная программа, чтобы удовлетворить академические, культурные и общественные потребности English Learners (EL). Английская Языковая Учебная программа обеспечивает три уровня English Language Development (ELD) – начальное, промежуточный и высший. Предыдущее размещение студента по изучению английского языка определено эффективностью работы California English Language Development Test (CELDT), который используется, чтобы оценить, как хорошо студент может слушать, говорить, читать на английском языке. Студент проходит этот тест CELDT ежегодно. Кроме того, каждому студенту предоставляют инструкции всей учебной программы, совместимой с оцененными потребностями студента. Пожалуйста, при необходимости определения уровня английского языка вашего студента обратитесь к ежегодному тесту CELDT.

Please contact our E.L. Specialist with any questions:

Nancy Muñoz

916-782-3753 ext. 3026

nmunoz@rjuhsd.us

SPECIAL EDUCATION

Roseville High School has special education courses designed to provide instruction and support for a student's individual needs. Eligibility for special education is determined by an IEP team through assessment in all areas of suspected disability. Students may be referred for an evaluation by teachers, parents or counselors with parental consent. An Individualized Educational Plan (IEP) is developed for each student based upon identified areas of need. All students receiving special education services are mainstreamed as much as possible according their IEP to receive a Free and Appropriate Public Education (FAPE).

Course Offerings 2018-2019

Advanced Placement Program

Advanced Placement Courses: Are They Right For You?

RHS Advanced Placement Students:

- Have a desire to learn
- Have a tendency to embrace challenges
- Persist despite obstacles
- See effort as a path to mastery
- Learn from constructive criticism
- Are inspired by others' success
- Take active responsibility for improving
- See adversity as an opportunity to learn and grow their skills
- Actively seek learning opportunities and new challenges
- Have positive and high expectations

Academic Preparation

You don't need to be top of your class to be an AP student, but you'll want to be prepared for the AP course you choose. Talk to a counselor or teacher about the subjects that interest you and ask about your options for learning the skills to help you succeed.

Motivation

You show your determination when you do the things that matter to you. The effort pays off and you feel a huge sense of accomplishment when you see how much you can do when you try. That is the kind of commitment that is sought out and rewarded in AP classes.

Get Involved

In AP classes, learning means sharing your ideas and expressing yourself. Add your unique perspective—the dialog and debate contributes to the knowledge that everyone shares.

Get Support

With AP, you get to explore new ideas with your classmates and AP teachers. See and feel what college work is actually like, while receiving the support to help you get there.

Get to Know Yourself

In AP classes, you can set bigger goals for yourself and do things you never thought possible. AP students can really test and push themselves while gaining confidence, developing good study habits, and enjoying a great learning experience.

Adapted from: <https://apstudent.collegeboard.org/home>

AP COMPUTER SCIENCE PRINCIPLES

Course ID# 356175

Open to grades: 10-12

Prerequisite: CCIM2 or equivalent.

Placement Recommendation: Exploring Computer Science is strongly recommended. A grade of "C" or better in prerequisite coursework.

UC/CSU – Elective ("g")

AP Computer Science Principles is a new AP course and is designed to be equivalent to a first-semester introductory college computing course. Students in Computer Science Principles will explore the seven big ideas of computing: creativity, abstraction, data and information, algorithms, programming, the Internet, and global impact of technology. Students will follow the engaging UC Berkeley course, *Beauty and Joy of Computing*. Upon successful completion of the course, students will be prepared to take AP Computer Science A.

AP COMPUTER SCIENCE A

Course ID# 167553

Open to grades: 11-12

Prerequisite: Successful completion CCIM3 or equivalent.

Placement Recommendation: Strong reasoning and reading skills are recommended. A grade of "C" or better in prerequisite coursework.

UC/CSU – Elective ("g")

AP Computer Science A is designed for college bound students or advanced computer skilled students who desire to take the AP Computer Science Exam A for college credit. AP Computer Science is intended to be equivalent to a beginning computer science course at a university. Programming in Java is emphasized while studying design issues to create programs that are adaptable, reusable, and understandable. Students will use Java in the development of algorithms, fundamental data structures, and learn common programming techniques for application development. In addition, an understanding of the basic hardware and software components of computer systems and the responsible use of these systems are integral parts of the course. **AP Computer Science A students will earn 3 college credits from CSU, Sacramento through the ACE program. **

AP ENGLISH LANGUAGE & COMPOSITION

Course ID# 207423

Open to grades: 11; fulfills CP English 11 requirement

Prerequisite: Successful completion of CP English 10 or Honors English 10.

Placement recommendation: Strong critical reading, writing, critical thinking and problem solving skills. A grade of "B" or better in prerequisite coursework.

UC/CSU – English ("b")

Students in this course study the fundamentals of rhetoric which can be applied to academic writing at the college level. Students will read and analyze a variety of non-fiction. Students participate in writing seminars that use student writing as the focus for analysis. Emphasis will be placed on acquiring the skills necessary to pass the *AP Language and Composition* exam. This college level course requires a high level of motivation and commitment due to extensive reading and writing requirements.

AP LANGUAGE AND COMPOSITION / AP US HISTORY (A/B YEARLONG)

Course ID# 207421 / 657251

Open to grades: 11

Prerequisite: Successful completion of CP/ Honors English 10 & CP World Studies/AP European History.

Placement recommendation: Strong critical reading and writing skills. A grade of "B" or better in prerequisite coursework.

UC/CSU - English ("b") & History/Social Science ("a")

Designed for university-bound students. Year-long, blocked course integrated with AP US History to provide a more enriched learning environment and to prepare students for the Advanced Placement Exam. Students in this course study the fundamentals of rhetoric which can be applied to academic writing at the college level. Students will read and analyze a variety of non-fiction selections. Students participate in writing seminars that use student writing as the focus for analysis. Emphasis will be placed on acquiring the skills necessary to pass the *AP Language and Composition* exam. This college level course requires a high level of motivation and commitment due to extensive reading and writing requirements.

AP LITERATURE/ COMPOSITION 12

Course ID# 207433

Open to grades: 12; fulfills CP English 12 requirement

Prerequisite: Successful completion of CP English 11 or AP English Language and Composition.

Placement recommendation: A grade of "B" or better in CP English 11 or "C" or better in AP English Language and Composition.

UC/CSU – English ("b")

Students in this course will read and analyze short stories, novels, drama, poetry and nonfiction. Students will interpret, analyze and evaluate these works through discussion and written composition. Emphasis will be placed on the skills necessary to pass the AP Literature and Composition exam. This college-level course requires a high level of motivation and commitment due to the extensive reading and writing requirements.

AP FRENCH

Course ID# 257163

Open to grades: 10-12

Prerequisite: Successful completion of French 4

Placement recommendation: A grade of "C" or better in prerequisite coursework.

UC/CSU – Language other than English ("e")

Advanced Placement language course designed for university preparatory students who are planning to take the AP exam. The course will continue to develop previous skills in the language with an emphasis placed on grammar as well as on communication. Course work will include discussion, interviews, interpretations, written compositions and oral presentations. Literature serves as a basis for both oral and written work.

AP SPANISH

Course ID# 257363

Open to grades: 10-12

Prerequisite: Successful completion of Spanish 4

Placement recommendation: A grade of "C" or better in prerequisite coursework.

UC/CSU – Language other than English ("e")

Advanced Placement language course designed for university preparatory students who are planning to take the AP exam. The course will continue to develop previous skills in the language with an emphasis placed on grammar as well as on communication. Course work will include discussion, interviews, interpretations, written compositions and oral presentations. Literature serves as a basis for both oral and written work.

AP CALCULUS AB

Course ID# 407503

Open to grades: 11-12

Prerequisite: Successful completion of in Honors Pre-Calculus.

Placement recommendation: A grade of "C" or better in prerequisite coursework.

UC/CSU – Mathematics ("c")

An advanced placement course designed for university preparatory students. This course provides instruction in the concepts of limits, continuity, derivatives, and anti-derivatives of algebraic functions. The basic concepts in algebra set theory and trigonometry are reviewed briefly before they are used to study limits. Students taking Calculus AB are expected to take Calculus BC.

AP CALCULUS BC

Course ID# 407513

Open to grades: 11-12

Prerequisite: Successful completion of AP Calculus AB

Placement recommendation: None

UC/CSU – Mathematics ("c")

Calculus BC is a full-year course in the calculus of functions of a single variable. It includes all topics covered in Calculus AB plus additional topics. Both courses (AP Calculus AB and BC) represent college-level mathematics for which most colleges grant advanced placement and credit. The content of Calculus BC is designed to qualify the student for placement and credit in a course that is one course beyond that granted for Calculus AB. The curriculum is based on the College Board guidelines. Topics included are: functions and graphs, techniques and applications of derivatives and integration, polynomial approximations, and Taylor and Maclaurin series.

AP STATISTICS

Course ID# 407523

Open to grades: 11-12

Prerequisite: Successful completion of CCIM3

Placement recommendation: Strong critical thinking and problem solving skills. A grade of "B" or better in prerequisite coursework.

UC/CSU – Mathematics ("c")

This course is equivalent to a non-Calculus Introduction to Statistics course in college. The main concepts include: data analysis (10%), experimental design (10%), linear regression (10%), probability (30%), and inference (40%). There are also projects each quarter that will require time outside of class where the students will need to work in groups to complete presentations and displays. All students will take the final exam in the beginning of May (a released AP test) and are encouraged to take the AP Statistics Exam to earn college credits.

AP BIOLOGY

Course ID# 557103

Open to grades: 10-12

Prerequisite: Successful completion of CP Biology, CP Chemistry, and CCIM1.

Placement recommendation: Strong reading, writing and reasoning skills. Grade of "B" or better in both CP Biology and CP Chemistry; Grade of "C" or better in CCIM1.

UC/CSU – Language other than English ("e")

Advanced Placement Biology is a college-level chemistry course designed to meet the requirement of the advanced placement curriculum as defined by the College Board. This course differs from CP Biology in the depth of study and amount of quantitative analysis in the laboratory work. Topics covered include cell structure & function, respiration, photosynthesis, cell division, heredity, genetics, evolution, taxonomy, plants, human physiology, human reproduction, animal behavior, and ecology. The course is fast paced and students need to be prepared. Students should have strong math skills and an interest in pursuing science as a major in college.

AP CHEMISTRY

Course ID# 607203

Open to grades: 10-12

Prerequisite: Successful completion of CCIM3 and CP Chemistry.

Placement recommendation: Strongly recommend completion or concurrent enrollment in Pre-Calculus. Students should have a strong background in chemistry and an interest in majoring in science. A grade of "B" or better in prerequisite course work. Students enrolled are expected to take the AP exam.

UC/CSU – Laboratory Science ("d")

Advanced Placement Chemistry is a college-level chemistry course designed to meet the requirement of the advanced placement curriculum as defined by the College Board. Topics covered include Atoms & Elements, Structure & Properties of Matter, Chemical Reactions, Kinetics, Thermodynamics and Equilibrium. Students should have strong math skills and an interest in pursuing science as a major in college.

AP ENVIRONMENTAL SCIENCE

Course ID# 607603

Open to grades: 11-12

Prerequisite: Successful completion of CCIM2 and CP/AP Chemistry.

Placement recommendation: Strong critical thinking and problem solving skills. A grade of "B" or better in prerequisite coursework.

UC/CSU – Laboratory Science ("d")

Advanced Placement Environmental Science is a college-level course designed to meet the requirement of the advanced placement curriculum as defined by the College Board. The goal of this course is to provide students with the scientific principles, concepts, and methodologies to understand the interrelationships of the natural world, to identify and analyze environmental problems natural and human made and evaluate these problems and examine alternative solutions. APES is designed to prepare students for the AP exam in the spring. Students should have strong math skills and an interest in pursuing science as a major in college.

Open to grades: 11-12

Prerequisite: Successful completion of CCIM3 and CP Physics.

Placement recommendation: Strong critical thinking and problem solving skills. A grade of "B" or better in prerequisite coursework. Strongly recommend completion of or concurrent enrollment in Pre-Calculus.

UC/CSU – Laboratory Science ("d")

An advanced and fast-paced college-level Physics class covering the foundations of Physics. Included topics cover all major branches of Physics including kinematics, mechanics, thermodynamics, sound, optics, electricity and magnetism, and nuclear physics. It is assumed that students will have already had some exposure to Physics prior to taking this class. Advanced trigonometric and pre-calculus techniques will be used to solve a variety of challenging and high-level Physics problems to prepare students to take the Advanced Placement Physics 1 Exam in the spring.

AP EUROPEAN HISTORY / HONORS ENGLISH 10 (A/B YEARLONG)**Course ID# 657151 / 206221**

Open to grades: 10

Prerequisite: Successful completion of CP English 9.

Placement recommendation: Strong critical reading and writing skills. A grade of "B" or better in prerequisite coursework.

UC/CSU - History/Social Science ("a") & English ("b")

Designed for university-bound students. Year-long, blocked course integrated with Honors English 10 to provide a more enriched learning environment and to prepare students for the Advanced Placement Exam. Emphasizes analytical thinking skills and the development of improved essay writing skills. Students will be expected to study a college based text along with the supplementary reading materials which includes primary sources. The course content covers the history of Europe from the 1300's to present. Successful performance on the Advanced Placement Exam will enable students to obtain college credit at selected universities. Designed to facilitate those students who will seek further enrollment in AP courses.

AP US HISTORY / AP LANGUAGE AND COMPOSITION (A/B YEARLONG)**Course ID# 657251 / 207421**

Open to grades: 11

Prerequisite: Successful completion of CP/Honors English 10 & World Studies/AP European History/AP Human Geography.

Placement recommendation: A grade of "B" or better in prerequisite coursework.

UC/CSU - History/Social Science ("a") & English ("b")

Designed for university-bound students. Year-long, blocked course integrated with AP Language and Composition to provide a more enriched learning environment and to prepare students for the Advanced Placement Exams. This course emphasizes analytical thinking skills and the development of improved essay writing skills. AP US History is a rigorous, in-depth examination of the course of American cultural development from colonial to contemporary times. Students who complete the course are encouraged to take the College Level Examination Program or Advanced Placement American History Examination. A successful performance on the Advanced Placement Exam will enable students to obtain college credit in American History at selected colleges and universities. Preparation for college testing in American History is the major focus of this course. Students are expected to have skills necessary for college-level performance. Students will engage in the process of framing an inquiry, selecting relevant sources and organizing evidence in support of a hypothesis. Primary and secondary sources of information will be examined and analyzed. Students will develop skills in logic, critical thinking and high-level expository writing.

AP UNITED STATES GOVERNMENT AND POLITICS

Course ID# 657353

Open to grades: 12
Prerequisite: None
Placement recommendation: None
UC/CSU – History/Social Science (“a”)

This is one of four courses in a yearlong block. Students who sign up for AP US Government MUST also sign up for AP Comparative Government and Politics, AP Microeconomics, and AP Macroeconomics. Each course is a nine (9) week five (5) credit course. This course is designed for the advanced student who desires to continue studying at the college level. It provides students an opportunity to gain a critical perspective on government and politics in the United States. It involves the study of general concepts used to interpret American politics and the analysis of specific case studies. The Advanced Placement examination will be offered in May. A successful performance on the Advanced Placement exam will enable students to obtain college credit in Political Science at selected colleges and universities.

AP COMPARATIVE GOVERNMENT & POLITICS

Course ID# 657364

Open to grades: 12
Prerequisite: None
Placement recommendation: None
UC/CSU – History/Social Science (“a”)

This is one of four courses in a yearlong block. Students who sign up for AP Comparative & Politics Government MUST also sign up for AP United States Government and Politics, AP Microeconomics, and AP Macroeconomics. Each course is a nine (9) week five (5) credit course. AP Comparative Government explores the political theory and everyday practices that direct the daily operation of the governments in six countries throughout the world (Great Britain, China, Russia, Mexico, Nigeria, and Iran). By building a theoretical framework and exploring case studies, we will be able to draw meaningful comparisons and contrasts between our six countries. This course will prepare you to take the AP exam for Comparative Government. As this class is taught at the college level, it requires a substantial amount of reading, critical thinking, and initiative. You will not simply learn how government works, but will develop a critical understanding of the strengths and weaknesses of the six countries' political systems, and how you as a citizen structure into our modern-day globalized society.

AP HUMAN GEOGRAPHY

Course ID# 654123

Open to grades: 10-12
Prerequisite: None
Placement recommendation: Strong reading, writing, and critical thinking skills.
UC/CSU – History/Social Science (“a”)

AP Human Geography is a course that focuses on the distribution, processes, and effects of human populations on the planet. The course provides a systematic study of human geography. In-depth concepts to be covered include: population, cultural patterns and processes, political organization, agriculture and rural land use, industrialization and economic development, and cities and urban land use. Emphasis is placed on geographic models and their applications. This is a college-level course. Fulfills World Studies requirement.

AP MICROECONOMICS

Course ID# 657453

Open to grades: 12
Prerequisite: None
Placement recommendation: Strong organizational skills and determination
UC/CSU – History/Social Science (“a”)

This is one of four courses in a yearlong block. Students who sign up for AP Microeconomics MUST also sign up for AP Macroeconomics, AP US Governments, and AP Comparative Government and Politics. Each course is a nine (9) week five (5) credit course. The purpose of an AP course in microeconomics is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and function of product markets, and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy.

AP MACROECONOMICS

Course ID# 657454

Open to grades: 12

Prerequisite: None

Placement recommendation: Strong organizational skills and determination

UC/CSU – Elective credit (“g”)

This is one of four courses in a yearlong block. Students who sign up for AP Macroeconomics MUST also sign up for AP Microeconomics, AP US Governments, and AP Comparative Government and Politics. Each course is a nine (9) week five (5) credit course. This is a college-level course designed to provide students with a thorough understanding of the principles of economics in examining aggregate economic behavior. Students taking the course can expect to learn how the measures of economic performance are constructed and how to apply them to evaluate the macroeconomic conditions of an economy. Students will also learn the basic macroeconomics analytical tools, as well as evaluating the effectiveness of fiscal policy and monetary policy in promoting economic growth and stability. Students will also examine the impact of international trade and international finance.

AP PSYCHOLOGY

Course ID# 654133

Open to grades: 11-12

Prerequisite: None

Placement recommendation: None

UC/CSU – Elective (“g”)

AP Psychology is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

AP STUDIO ART: DRAWING

Course ID# 107113

Open to grades: 10-12

Prerequisite: Successful completion of Art 2.

Placement recommendation: Strong critical thinking and problem solving skills. A grade of “B” or better in prerequisite coursework.

UC/CSU – Visual & Performing Arts (“f”)

*Requested contribution of \$35.00 for materials

This drawing course is intended to address a very broad interpretation of drawing issues and media. The portfolio will be graded on quality, concentration and breadth of formal, technical and expressive means. Students must be self-motivated and able to work independently.

AP STUDIO ART: 2-D DESIGN

Course ID# 107113

Open to grades: 10-12

Prerequisite: Successful completion of Art 2.

Placement recommendation: Strong critical thinking and problem solving skills. A grade of “B” or better in prerequisite coursework.

UC/CSU – Visual & Performing Arts (“f”)

*Requested contribution of \$35.00 for materials

2-D Design is intended to address two-dimensional (2-D) design issues. Design involves purposeful decision making about how to use the elements and principles of art in an integrative way. The portfolio will be graded on quality, concentration and breadth of formal, technical and expressive means. Students must be self-motivated and able to work independently.

AP STUDIO ART 3-D DESIGN

Course ID# 107133

Open to grades: 10-12

Prerequisite: Successful completion of Ceramics 2.

Placement recommendation: Strong critical thinking and problem solving skills. A grade of "B" or better in prerequisite coursework.

UC/CSU – Visual & Performing Arts ("f")

*Requested contribution of \$35.00 for materials

In the AP Studio 3-D Design course students will have an opportunity to pursue an in-depth exploration of their interest in a broad range of additive and subtractive art building experiences. They will have to apply everything they know and think they know about the concrete world around them, in order to manipulate it in order to convey their chosen meaning and to take 3-dimensional building to a college level.

AP ART HISTORY

Course ID# 107123

Open to grades: 11-12

Prerequisite: Successful completion of CP/Honors English 10

Placement recommendation: Strong critical reading and writing skills. A grade of "B" or better in prerequisite coursework.

UC/CSU – Visual & Performing Arts ("f")

An advanced class designed to provide students with a critical understanding and enjoyment of painting, sculpture and architecture throughout history. The class will prepare students for the Advanced Placement Examination. Readings, lecture, slides, discussions, research and presentations and field trips will be used to teach students about the history of art. The class will prepare students for the Advanced Placement Examination (AP exam).

AVID – Advancement Via Individual Determination

Roseville High School has the distinction of being an AVID National Demonstration site. AVID is a four-year program that seeks students in the academic middle. Application, interview, and AVID Site Team approval are required.

Typically, applicants are students who . . .

- Have a desire for preparation for four-year university
- Demonstrate academic determination and strong work ethic
- Possess the ability to communicate and collaborate well with others
- Are able to meet or exceed a-g university entrance requirements with AVID support
- Will complete college entrance exams (PSAT, SAT, ACT) as well as Advanced Placement courses and exams by the time they graduate
- May be the first in their family to earn a four-year university degree

AVID 9

Course ID# 801113 (Fall) / 801213 (Spring)

Open to grades: 9

Prerequisite: None

Placement recommendation: AVID students challenge themselves academically in order to be eligible for four-year university.

UC/CSU – Elective ("g")

Students will focus on transitioning to high school life and improving the foundational learning skills necessary for a college preparatory curriculum. Students will develop writing, inquiry, collaboration, and reading skills along with binder organization, note-taking, time management, goal setting, and college exploration. Students engage in collaborative tutorial sessions to gain a greater understanding of material in their content area classes. This is not a time spent doing homework.

AVID 10

Course ID# 802123 (Fall) / 802133 (Spring)

Open to grades: 10

Prerequisite: None

Placement recommendation: AVID students challenge themselves academically in order to be eligible for four-year university.

UC/CSU – Elective (“g”)

Students will develop and extend the foundational learning skills necessary for a college preparatory curriculum and will practice for and take the PSAT. Students will further develop writing, inquiry, collaboration, and reading skills at a more rigorous level. They will engage in collaborative tutorial sessions to gain a greater understanding of material in their content area classes. Students are expected to apply binder organization, note-taking, time management, and goal setting curriculum to their daily work in all their classes.

AVID 11

Course ID# 803133 (Fall) / 803143 (Spring)

Open to grades: 11

Prerequisite: None

Placement recommendation: AVID students challenge themselves academically in order to be eligible for four-year university.

UC/CSU – Elective (“g”)

Students will prepare to meet college entrance requirements and improve college readiness skills. Students will develop critical reading and writing skills, refine study and organization habits, and practice public speaking skills. Students work collaboratively with peers and college student tutors. They will learn about post-secondary options, financial aid, college life, and majors in preparation for senior year decisions. Students will prepare for and take college entrance exams, draft forms for letters of recommendation, create a high school resume, and draft personal statements. Students are encouraged to take at least one AP class and the corresponding exam or a CSU/UC transferable community college class.

AVID 12

Course ID# 804143 (Fall) / 804153 (Spring)

Open to grades: 12

Prerequisite: AVID 11 strongly recommended. Enrollment is limited to students with a 3.0 GPA or better with a schedule that meets or exceeds a-g college entrance requirements, including at least one AP or community college class. Students must be applying to four-year universities.

Placement recommendation: AVID students challenge themselves academically in order to be eligible for four-year university.

UC/CSU – Elective (“g”)

Students will continue to learn in a collaborative environment with peers and college student tutors. Students will write college admissions essays, fill out college applications, and complete the process of applying for financial aid through the FAFSA form, Cal-grant GPA verification form, and scholarships. In preparation for the rigors of university, students will read, write, and research at the college entry level. Students will take at least one AP class and the corresponding exam or a CSU transferable community college class. Students and parent/guardian are required to attend school sponsored information nights.

AVID TEACHER INTERN

Course ID# 753353

Open to grades: 12

Prerequisite: Excellent attendance, academic record, and people skills. Requires Instructor approval.

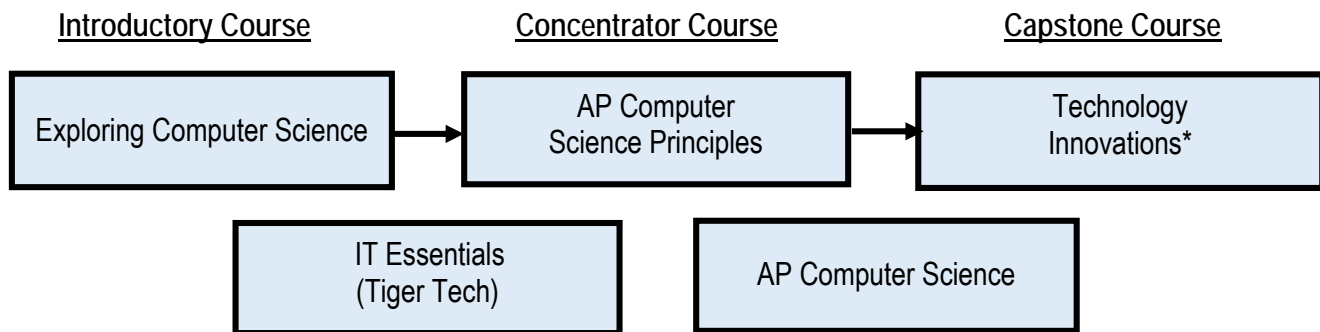
Academic senior students will serve as tutors and mentors in the AVID 7, AVID 8, or AVID 9 classrooms. Students must demonstrate mature and responsible work habits. Teacher interns placed at Buljan Middle School need to provide their own transportation. All interns are required to attend training meetings at Roseville High School.

CAREER TECHNICAL EDUCATION (Computer Science, Media Productions, Culinary and Hospitality Management, Biomedical, and Engineering)

The Roseville HS Career Technical Education Pathways and Courses are designed to integrate core academic knowledge with industry standard technical and occupational knowledge and skills. In our Career Technical Education courses students work hands-on using industry standard equipment, partner with industry professionals, and participate in local and national leadership programs. Each pathway prepares students with clear direction to various post-secondary options. In order to help our students achieve career and/or college readiness, students are encouraged to complete a pathway by taking the introductory, concentrator, and capstone courses for at least one pathway. Students can choose a Career Technical Education Pathway in Computer Science, Media, Culinary, Biomedical, and Engineering.

Computer Science Program of Study

The RHS Computer Science Pathway is a series of three courses that focus on building critical thinking and problem solving skills that will prepare students for high paying, high demand jobs in the competitive technology field. Our CS pathway is focused on software development and systems programming. There are two additional courses outside of the primary pathway that would supplement a student's knowledge. IT Essentials which focuses on technology support, computer repair and cybersecurity and AP Computer Science A which focuses on programming in Java.



EXPLORING COMPUTER SCIENCE (ECS)

Course ID# 167613

Open to grades: 9-12

Prerequisite: Algebra 1 or CCIM1 or current enrollment is acceptable.

UC/CSU – Elective (“g”)

Exploring Computer Science (ECS) is a gateway course into the growing field of computer science. The ECS curriculum is a highly collaborative and project based learning environment. The course covers topics around computer ethics, privacy, web design, computer programming, data as well as robotics. The class has a strong emphasis on problem solving and serves as a platform to build the foundational programming and problem solving skills necessary for success in Computer Science industry. No prior experience is required to take this course, however if you have experience, there are opportunities for you expand and share your expertise with your peers.

IT ESSENTIALS ("Tiger Tech")

Course ID# 163603

Open to grades: 9-12

Prerequisite: Exploring Computer Science strongly recommended

UC/CSU – Elective ("g")

IT Essentials is the official course name for the RHS "Tiger Tech" program, which is a student-run technology organization that will provide technical services and support for RHS staff and students. The program will be set up and run like a small startup tech company, where students will be assigned specific positions within the organization, including student management positions. Working in teams, the students will provide tech support, training, and customer service to the RHS campus and community. Students will benefit from guest speakers and trainers from technology industry representatives, RHS staff, and from the RJUHSD tech department. Students will develop skills in computer hardware, software, and networking, and will also learn the business side of IT services, including customer service, project management, goal-setting, and time management. This course supports the Computer Science Program of Study. *Students may earn 2 + 2 credit with Sierra College for successfully completing this class with a "B" or better.

AP COMPUTER SCIENCE PRINCIPLES

Course ID# 356175

Open to grades: 10-12

Prerequisite: CCIM2 or equivalent.

Placement Recommendation: Exploring Computer Science is strongly recommended. A grade of "C" or better in prerequisite coursework.

UC/CSU – Elective ("g")

AP Computer Science Principles is a new AP course and is designed to be equivalent to a first-semester introductory college computing course. Students in Computer Science Principles will explore the seven big ideas of computing: creativity, abstraction, data and information, algorithms, programming, the Internet, and global impact of technology. Students will follow the engaging UC Berkeley course, *Beauty and Joy of Computing*. Upon successful completion of the course, students will be prepared to take AP Computer Science A.

AP COMPUTER SCIENCE A

Course ID# 167553

Open to grades: 11-12

Prerequisite: Successful completion of CCIM3 or equivalent.

Placement Recommendation: Strong reasoning and reading skills are recommended. A grade of "C" or better in prerequisite coursework.

UC/CSU – Elective ("g")

AP Computer Science A is designed for college bound students or advanced computer skilled students who desire to take the AP Computer Science Exam A for college credit. AP Computer Science is intended to be equivalent to a beginning computer science course at a university. Programming in Java is emphasized while studying design issues to create programs that are adaptable, reusable, and understandable. Students will use Java in the development of algorithms, fundamental data structures, and learn common programming techniques for application development. In addition, an understanding of the basic hardware and software components of computer systems and the responsible use of these systems are integral parts of the course. This course supports the Computer Science Program of Study. **AP Computer Science A students will earn 3 college credits from CSU, Sacramento through the ACE program.**

Technology Innovations*

Course ID# TBD

Open to grades: 11-12

Prerequisite: Successful completion of AP Computer Science Principles or AP Computer Science A .

Placement Recommendation: A grade of "C" or better in prerequisite coursework

Technology Innovations is the capstone course for the RHS computer science pathway. Students will learn about the software development process by developing their own app or product, presenting to industry mentors for feedback and guidance, and eventually bringing their product to market. Students will also participate in a Career Technical Student Organization to build leadership skills in preparation for internships or jobs. *Pending Board Approval Spring 2018

Media Productions Program of Study

The RHS media program includes both beginning, advanced, and management courses to prepare students for careers in the ever-changing journalism and broadcast industry. Students learn principles, values and skills in introductory courses, which are beneficial when transitioning to advanced courses where they will have an active role in RHS' award-winning news organization *Eye of the Tiger*. In the Media Management course, students take on leadership roles as editors and producers. Students lead and work in the program to produce widely received broadcasts, newspapers and web content.



MULTIMEDIA

Course ID# 101653

Open to grades: 9-12

Prerequisite: Ability to type a consistent 20 words per minute or Instructor approval

Satisfies high school visual and performing arts graduation requirement

UC/CSU – VAPA (“f”)

This course will provide students with training and opportunities to apply knowledge and skills in the principles of image editing, multimedia design, graphic file formats, Photoshop, Flash, audio files, and basic programming. Students will apply these skills in creating animations, computer art, and digital presentations. Students will be prepared to study multimedia design at the next level, and will be able to use multimedia for their own applications in other courses.

MEDIA PRODUCTION - NEWS

Course ID# 101673

Open to grades: 9-12

Prerequisite: None

Media Production - News is an entry-level course in which students learn to broadcast news and information by using video cameras, editing video on computers, and creating different types of news programs. Students learn to communicate effectively by writing scripts, planning productions, structuring show rundowns, and editing. Technically, students learn how to operate video and audio equipment, including cameras, various types of microphones, mixers, and computer applications like nonlinear editing software. This course also introduces students to studio production in the school's TV Studio.

ADVANCED MEDIA PRODUCTION

Course ID# 102713(Fall) / 102723 (Spring)

Open to grades: 9-12

Prerequisite: Media production – news, media production – sports, or journalism 1

Advanced Media Productions - News will apply the skills of script-writing, filming, and editing to the production of newscasts and other special projects in the school TV studio and live streaming events such as sports games and parades. Students will learn to work in production teams as producers, reporters, directors, on-air talent, audio engineers, switchers, graphic artists, etc., as they produce programs for the school, namely *Eye of the Tiger Today*, the school's weekly newscast.

MEDIA MANAGEMENT*

Course ID# TBD

Open to grades: 11-12

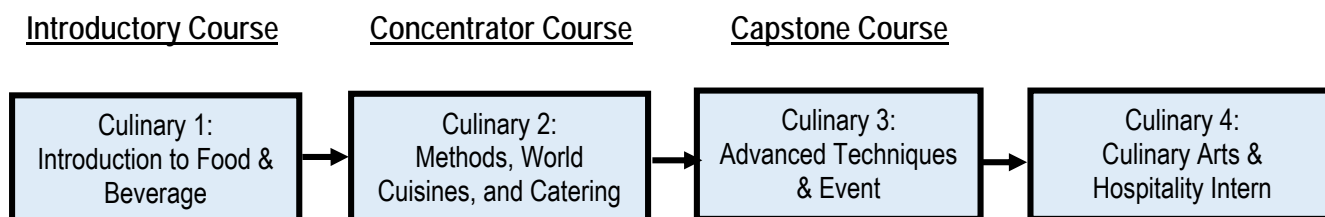
Prerequisite: Successful completion of Advanced Journalism or Advanced Media Productions

This Capstone course for the Multimedia Production pathway and is designed to provide students with training in the principles and practices of high quality business leadership and management. Students will demonstrate advanced knowledge and skills in pre-production, production, and post-production practices in an educational and work based environment. Students will create film and/or video and sound products that demonstrate comprehensive knowledge of professional film and video and sound production. Students will learn and apply knowledge and skills in planning and time management, team building, communications, motivating people, decision-making and problem-solving, ethics and integrity, resource management, conflict resolution, labor/government/business relations, workplace diversity, leadership qualities, and management styles – while serving in leadership positions with the RHS Media Productions classes. *Pending Board Approval Spring 2018.

Culinary Arts & Hospitality Management Program of Study

Spice up YOUR schedule with Roseville's CULINARY ARTS & Hospitality Management Program of Study!

Develop real world skills and resourcefulness in our commercial kitchen and employability skills for life that can put YOU a step ahead after high school! Four on-campus levels with options for ROP courses at neighboring schools help you explore a variety of careers in the food industry while enjoying the delicious results of your hard work as you learn! College credit and industry ServSafe Certification are available to program completers along with numerous industry competitive recognition and scholarship opportunities.



CULINARY 1: INTRODUCTION TO FOOD AND BEVERAGE

Course ID# 303212

Open to grades: 9-12

*Requested contribution of \$40.00 for consumable food costs

Love food? Learn how the “pros” do it by and discover where good food comes from using foundational cooking methods preparing a variety of “from scratch” sweet and savory dishes including baked goods, soups, salads, breakfast foods and entrées with an emphasis on freshness, affordability, nutrition and flavor! Earn your Food Handler Certification and develop transferable workplace skills that will make YOU an irresistible employee. Learn the language of Culinary Arts and the business of food and with “hands-on” lab experiences twice a week using the National Restaurant Association’s ProStart Curriculum.

***Please note: Peanuts, tree nuts and shellfish are used in the Culinary Arts Program.

CULINARY 2: METHODS, WORLD CUISINES & CATERING

Course ID# 303222

Open to grades: 10-12

*Requested contribution of \$40.00 for consumable food costs

Prerequisite: Successful completion of Culinary 1: Introduction to Food and Beverage

Placement recommendation: A grade of “C” or better in prerequisite coursework and teacher recommendation.

Students should be self-directed, responsible, and be able to work collaboratively.

Take your passion for food to the next level and explore cuisines of the world, developing “palate memory” and the ability to use flavor profiles in your daily cooking. Expand and develop culinary technique and cooking methods to include Grand and derivative sauces, plated desserts, pastry, chocolate, and a wide variety of proteins, grains, fruits and vegetables. Apply your culinary and business skills in the back and front of the house by developing menus and hosting staff lunches once a month in the “Tiger Café”. The National Restaurant Association’s ProStart Foundation curriculum and ServSafe training are put into action in “hands on” labs three times per week. ***Please note: Peanuts, tree nuts and shellfish are used in the Culinary Arts Program.

Open to grades: 10-12

*Requested contribution of \$40.00 for consumable food costs

Prerequisite: Successful completion of Culinary 2: Methods, World Cuisines & Catering

Placement recommendation: A grade of "C" or better in prerequisite coursework and teacher recommendation. Students should be self-directed, responsible, be able to work collaboratively, and display strong leadership skills.

Is the food industry for you? Your skills are put to work day to day in a busy commercial kitchen catering a variety of campus and community events while developing an understanding of cooking for "purpose". Structured to simulate a working restaurant or catering business, student leaders cost, plan, test and serve recipes to suit clients' purposes and budgets using fresh and affordable ingredients and creative culinary techniques. Numerous and diverse food service events develop an awareness of the spectrum of industry careers and opportunities while teaching the business side of food from an owner/operators perspective. Earn college credit, scholarships and job referrals while filling your resume with relevant experience for life! *students will be required to participate in a few food service events after school hours.

***Please note: Peanuts, tree nuts and shellfish are used in the Culinary Arts Program.

CULINARY 4: TEACHER INTERN & INDUSTRY APPRENTICE

Open to grades: 11-12

Prerequisite: Culinary 1-3 and Instructor approval. *Students should be mature, pro-active and professional.

Get a taste of careers within the food and hospitality industry while supporting Tiger Café in a leadership role. Assist and lead in web design/maintenance, marketing/communications, event/menu planning, budgeting/billing, knife skills, and recipe testing. Refine front-of-house service skills and experience by managing a variety of food service events as you continue to expand your culinary back-of-house knowledge and skills. Prepare for the management level ServSafe certification exam which, along with rigorous course curriculum and intern experience, earns credit at schools such as Johnson & Wales, Art Institutes and American River College. *students will be required to participate in a few food service events after school hours.

***Please note: Peanuts, tree nuts and shellfish are used in the Culinary Arts Program.

** List of labs and direct costs available upon request.*

** Refer to Page 2 regarding permissible fees.*

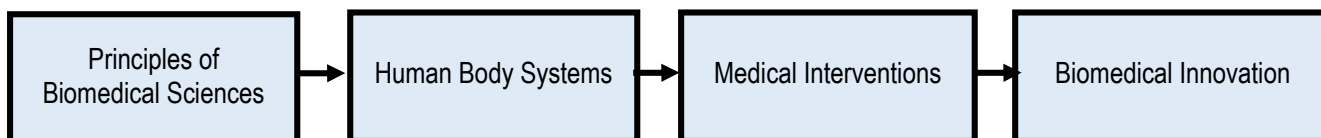
BIOMEDICAL PROGRAM

The Biomedical Sciences Pathway offers students the opportunity to develop relevant skills while working together to find solutions for real world problems. Students build their knowledge in biomedical science, confidence in their capacity to tackle difficult problems, and the ability to effectively communicate and collaborate with their peers.

Introductory Course

Concentrator Course

Capstone Course



PRINCIPLES OF THE BIOMEDICAL SCIENCES (PBS)

Course ID# 356013

Open to grades: 10-12

Prerequisite: Successful completion of CP Biology

Placement recommendation: A grade of "B" or higher in prerequisite coursework. A college preparatory mathematics course taken within the same school year (i.e. CCIM1 or higher).

UC/CSU – Science ("d")

*Requested contribution of \$20.00 for materials

Students explore the concepts of human medicine and are introduced to research processes and to bioinformatics. Hands-on projects enable students to investigate human body systems and various health conditions, including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. Over the length of the course, students work together to determine the factors that led to the death of a fictional person. After pinpointing those factors, the students investigate lifestyle choices and medical treatments that might have prolonged the person's life. The key biological concepts embedded in the curriculum include homeostasis, metabolism, inheritance of traits, feedback systems, and defense against disease. Where appropriate engineering principles are also incorporated into the curriculum. These include the design process, feedback loops, fluid dynamics, and the relationship of structure to function.

HUMAN BODY SYSTEMS (HBS)

Course ID# 356023

Open to grades: 10-12

Prerequisite: Successful completion of Principles of the Biomedical Sciences.

Placement recommendation: College prep math course taken within the same school year (i.e. CCIM1 or higher). A grade of "C" or higher in prerequisite coursework and a 70% average on the assessment portion of the PBS grade.

UC/CSU – Science ("d")

*Requested contribution of \$20.00 for materials

Students examine the processes, structures, and interactions of the human body systems to learn how they work together to maintain homeostasis (internal balance) and good health. Using real-world cases, students take the role of biomedical professionals and work together to solve medical mysteries. Hands-on projects include designing experiments, investigating the structures and functions. Students will be sculpting a human body using 3-D Manikins throughout the course.

MEDICAL INTERVENTIONS (MI)

Course ID# 356033

Open to grades: 11-12

Prerequisite: Successful completion of Human Body Systems.

Placement recommendation: College prep math course taken within the same school year (i.e. CCIM1 or higher). A grade C or higher in prerequisite coursework and a 70% average on the assessment portion of the HBS grade.

Articulation Agreement - Medical Interventions students who score an A or a B on an additional final exam may receive 3 units of American River Junior College credits, which are transferable to CSU.

UC/CSU – Science ("d")

*Requested contribution of \$20.00 for materials

Students investigate the variety of interventions involved in the prevention, diagnosis and treatment of disease as they follow the lives of a fictitious family. The course is a "How-To" manual for maintaining overall health and homeostasis in the body as students explore how to prevent and fight infection, how to screen and evaluate the code in human DNA, how to prevent, diagnose and treat cancer, and how to prevail when the organs of the body begin to fail. Through these scenarios, students are exposed to the wide range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. Each family case scenario introduces multiple types of interventions and reinforces concepts learned in the previous two courses, as well as presenting new content. Interventions may range from simple diagnostic tests to treatment of complex diseases and disorders. These interventions are showcased across the generations of the family and provide a look at the past, present and future of biomedical science. Lifestyle choices and preventive measures are emphasized throughout the course as well as the important roles scientific thinking and engineering design play in the development of interventions of the future.

Open to grades: 11-12

Prerequisite: Successful completion of Medical Interventions.

Placement recommendation: College prep math course taken within the same school year (i.e. CCIM1 or higher). A grade of "C" or higher in prerequisite coursework and a 70% average on the assessment portion of the MI grade.

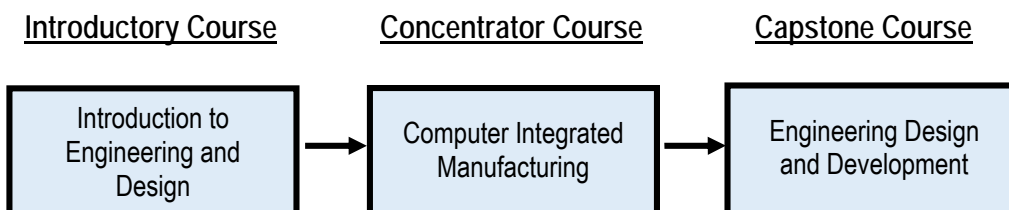
UC/CSU – Science ("d")

*Requested contribution of \$30.00 for materials

In this capstone course, students apply their knowledge and skills to answer questions or solve problems related to the biomedical sciences. Students design innovative solutions for the health challenges of the 21st century as they work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering, and public health. They have the opportunity to work on an independent project and may work with a mentor or advisor from a university, hospital, physician's office, or industry. Throughout the course, students are expected to present their work to an adult audience that may include representatives from the local business and healthcare community. Class Contribution: \$30.00.

ENGINEERING

Employers need an available pool of skilled workers—from entry-level through engineers—The RHS engineering program follows a proven hands-on, real-world, cutting-edge problem-solving approach to engineering and manufacturing. The RHS engineering program is committed to developing innovators who lead the design and implementation of practical solutions to meet the ever-changing societal and workforce challenges of today and beyond. In this project based program, students will learn and apply the design process through hands-on coursework while developing strong proficiency in technology, teamwork, and communication skills. Note—Students may be charged a fabrication purchase fee for projects.



Open to grades: 9-12

Prerequisite: Successful completion of CCIM1

Articulation Agreement – A grade of "B" or better in prerequisite coursework. IED students who score an 80% or higher in the class and submit a digital portfolio will receive 3 units of American River Junior College credits, which are transferable to CSU

UC/CSU – Elective ("g")

*Requested contribution of \$20.00 for materials

Designed for 9th or 10th grade students, the major focus of the IED course is to expose students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards and technical documentation. Students use 3D solid modeling design software to help them design solutions to solve proposed problems and learn how to document their work and communicate solutions to peers and members of the professional community.

Note - Students may be charged a fabrication purchase fee for projects.

COMPUTER INTEGRATED MANUFACTURING

Course ID# 356143

Open to grades: 10-12

Prerequisite: Successful completion of Introduction to Introduction to Engineering and Design

Placement recommendation: A grade of "B" or better in prerequisite courses.

UC/CSU – Elective ("g")

*Requested contribution of \$50.00 for materials

A course that applies principles of rapid prototyping, robotics, and automation. This course builds upon the computer solid modeling skills developed in Introduction to Engineering and Design. Students will use computer controlled rapid prototyping and CNC equipment to solve problems by constructing actual models of their three-dimensional designs. Students will also be introduced to the fundamentals of robotics and how this equipment is used in an automated manufacturing environment. Students will evaluate their design solutions using various techniques of analysis and make appropriate modifications before producing their prototypes.

ENGINEERING DESIGN AND DEVELOPMENT

Course ID# 356163

Open to grades: 11-12

Prerequisite: Successful completion of Introduction to Engineering and Design, Principles of Engineering, Civil Engineering and Architecture or Biotechnical Engineering

Placement recommendation: A grade of "B" or better in prerequisite courses.

UC/CSU – Elective ("g")

*Requested contribution of \$50.00 for materials

In this CAPSTONE course, students work in teams to design and develop an original solution to a valid open-ended technical problem by applying the engineering design process. After carefully defining the problem, teams design, build, and test their solutions while working closely with industry professionals who provide mentoring opportunities. This course is appropriate for 12th grade students. Note - Students may be charged a fabrication purchase fee for projects.

ENGLISH

The Roseville High School English Department is dedicated to helping students develop the writing and critical thinking skills necessary for success in the 21st century. The California State Standards for Language Arts guide us in providing students access to both fiction and non-fiction texts; we employ this literature as a springboard for a variety of argumentative and persuasive writing tasks, providing students with the tools necessary for success in both college and workplace writing.

CP ENGLISH 9

Course ID# 201113

Required for all grade 9 students

UC/CSU – English ("b")

This college preparatory course emphasizes critical reading and writing skills through a study of both fiction and nonfiction. Students will write both analytical and persuasive compositions. The writing process, as well as writing conventions, is taught in conjunction with a vocabulary program designed to expand word usage and comprehension.

CP ENGLISH 9 / GEOGRAPHY AND WORLD CULTURES

Course ID# 201113 / 651013

Open to grades: 9

UC/CSU - English ("b") and History/Social Science ("a")

Aligned to Common Core Standards

This pre-AP course provides a foundation to prepare university-bound students for the rigors of future honors and AP courses. Students will engage in higher order thinking, reading and writing skills while exploring the unique characteristics of selected world regions from a geographic and literary perspective. This integrated course will utilize 21st century technologies and emphasize the depth and complexity of writing.

CP ENGLISH 10

Course ID# 202213

Required for grade 10 students
UC/CSU – English (“b”)

This college preparatory course emphasizes content established by state standards. Writing conventions such as usage and mechanics may be directly taught in conjunction with the study of additional grammar skills needed to prepare for college-level entry tests. Vocabulary and research skills are developed in context with the writing process and literary analysis.

HONORS ENGLISH 10

Course ID# 206223

Open to grade 10 students and fulfills English 10 requirement
Prerequisite: Successful completion of English 9 and completion of assigned summer reading.
Placement recommendations: A grade of “B” or better in prerequisite courses.
UC/CSU – English (“b”)

Designed for college-preparatory students as preparation for AP English. This course provides an academically accelerated curriculum for students desiring advanced, challenging studies. The course will include an extensive reading list covering a broad array of literary interests and experiences. Critical thinking skills and writing fluency will be emphasized.

HONORS ENGLISH 10 / AP EURO HISTORY (A/B YEARLONG)

Course ID# 206221 / 657151

Open to grades: 10
Prerequisite: Successful completion of CP English 9.
Placement recommendation: Strong critical reading and writing skills. A grade of “B” or better in prerequisite coursework.
UC/CSU - English requirements (“b”) & History/Social Science (“a”)

Designed for university-bound students. Year-long, blocked course integrated with AP European History to provide a more enriched learning environment and to prepare students for the Advanced Placement Exam. Emphasizes analytical thinking skills and the development of improved essay writing skills. Literature is aligned with the history of Europe from the 1300’s to present. Designed to facilitate those students who will seek further enrollment in AP Language and AP Literature.

CP ENGLISH 11

Course ID# 203313

Required for grade 11 students
UC/CSU – English (“b”)

This college preparatory course emphasizes content established by state standards. Writing conventions such as usage and mechanics may be directly taught in conjunction with the study of additional grammar skills needed to prepare for college-level entry tests. Vocabulary and research skills are developed in context with the writing process and literary analysis.

AP ENGLISH LANGUAGE & COMPOSITION

Course ID# 207423

Open to grades: 11; fulfills CP English 11 requirement
Prerequisite: Successful completion of CP English 10 or Honors English 10.
Placement recommendation: Strong critical reading, writing, critical thinking and problem solving skills. A grade of “B” or better in prerequisite coursework.
UC/CSU – English (“b”)

Students in this course study the fundamentals of rhetoric which can be applied to academic writing at the college level. Students will read and analyze a variety of non-fiction. Students participate in writing seminars that use student writing as the focus for analysis. Emphasis will be placed on acquiring the skills necessary to pass the *AP Language and Composition* exam. This college level course requires a high level of motivation and commitment due to extensive reading and writing requirements.

AP LANGUAGE AND COMPOSITION / AP US HISTORY (A/B YEARLONG)

Course ID# 207421 / 657251

Open to grades: 11; fulfills CP English 11 requirement

Prerequisite: Successful completion of CP/ Honors English 10 & CP World Studies/AP European History.

Placement recommendation: Strong critical reading and writing skills. A grade of "B" or better in prerequisite coursework.

UC/CSU - English requirements ("b") & History/Social Science ("a")

Designed for university-bound students. Year-long, blocked course integrated with AP US History to provide a more enriched learning environment and to prepare students for the Advanced Placement Exam. Students in this course study the fundamentals of rhetoric which can be applied to academic writing at the college level. Students will read and analyze a variety of non-fiction selections. Students participate in writing seminars that use student writing as the focus for analysis. Emphasis will be placed on acquiring the skills necessary to pass the *AP Language and Composition* exam. This college level course requires a high level of motivation and commitment due to extensive reading and writing requirements.

CP ENGLISH 12

Course ID# 204413

Required for grade 12 students

UC/CSU – English ("b")

This college preparatory course emphasizes content established by state standards. Writing conventions such as usage and mechanics are directly taught and students study additional grammar skills needed to prepare for college-level entry tests. Vocabulary and research skills are included in the course.

ERWC CP ENGLISH 12

Course ID# 204433

Open to grades: 12; fulfills CP English 12 requirement

UC/CSU – English ("b")

The ERWC Course is an A-G approved college preparatory course in English that provides targeted instruction in the areas of critical reading and writing strategies. The Early Assessment Program was established to allow students to measure their readiness for college-level English in their junior year of high school. ERWC was designed as an alternative English curriculum to offer an opportunity for those students who demonstrated a "conditionally ready" status on the EAP to improve their skills during their senior year. Students who pass the course with a grade of C or better will be moved to the "college ready" designation and are then able to enroll in college level courses.

AP LITERATURE AND COMPOSITION 12

Course ID# 207433

Open to grades: 12; fulfills CP English 12 requirement

Prerequisite: Successful completion of CP English 11 or AP English Language and Composition.

Placement recommendation: A grade of "B" or better in CP English 11 or "C" or better in AP English Language and Composition.

UC/CSU – English ("b")

Students in this course will read and analyze short stories, novels, drama, poetry and nonfiction. Students will interpret, analyze and evaluate these works through discussion and written composition. Emphasis will be placed on the skills necessary to pass the AP Literature and Composition exam. This college-level course requires a high level of motivation and commitment due to the extensive reading and writing requirements.

INTRO TO CREATIVE WRITING

Course ID# 211682

Open to grades: 10-12

UC/CSU – Elective ("g") (pending approval)

A course designed for general-level or college prep students who are interested in writing poetry, short fiction, autobiography and drama. Students will engage in an intense study of these literary genres and will explore their creativity through the medium of written language. Students will write, select and edit manuscripts and graphics, will discuss design and layout, and will process copy for the production of the school literary magazine. Students will work in a "writer's workshop" setting with many opportunities to discover their writing talents and to enjoy the thrill of seeing their published works.

INTERMEDIATE CREATIVE WRITING

Course ID# 211692

Open to grades: 10-12 Prerequisite: Intro to Creative Writing
UC/CSU – Elective (“g”) (pending approval)

A course designed for general-level or college prep students who are interested in continue their journey of writing poetry, short fiction, autobiography and drama. Students will engage in an intense study of the medium of written language with an emphasis on the novella. Students will focus on the development of the novella from beginning to end using an advanced outline allowing for plot, character, and setting development. By the end of the semester, students will have a draft of a 25,000-word novella. Students will also write, select and edit manuscripts and graphics, will discuss design and layout, and will process copy for the production of the school literary magazine. Students will work in a “writer’s workshop” setting with many opportunities to discover their writing talents and to enjoy the thrill of seeing their published works.

YEARBOOK

Course ID# 212683 (Fall) / 212693 (Spring)

Open to grades: 9-12
Placement recommendation: Successful completion of English classes with a grade of “C” or better
UC/CSU – Elective (“g”)

Designed for general or college-preparatory students with an interest in cataloging school activities in order to produce the school yearbook. Students will learn to use computer software as well as online cloud-based servers and software to write copy and prepare layouts, as well as learn how to conduct interviews and take photographs, all while adhering to strict deadlines. Some after school work is required. Possibility for advancement within the program is available if students choose to take the class for more than one year. Enrollment during both terms is ideal, as students are producing a publication that spans the course of a full year. However, if the student is only able to take the class for one term during the school year, the student must be enrolled during the fall. Course may be repeated for credit.

Journalism is now part of the Media Pathway. If you are interested in taking Journalism, refer to page 24 for the appropriate media courses.

ENGLISH LANGUAGE INTERVENTION CLASSES

ENGLISH 9 LAB/ENGLISH 10 LAB

Course ID# 211133

English 9 Lab/English 10 Lab will provide detailed instruction in critical comprehension and vocabulary development strategies, using a wide variety of literary and informational texts, including stories and poems, news articles and essays, and content specific texts. The course includes focused instruction in writing both literary analysis and argumentative essays. In addition, organizational skills, study skills, and test taking skills are included in the curriculum.

ACADEMIC LITERACY 1

Course ID# 211213

Academic Literacy is an intensive support class for those students who are reading significantly below grade level. The goal of the class is for students to build decoding skills so they can comprehend and analyze more complex text. Students will participate in group reading, individual reading, and workbook exercises on a daily basis and will track their improvement as they work towards preparing for success in English 9.

ENGLISH LANGUAGE DEVELOPMENT CLASSES - ENGLISH

ELD Goal:

EL students use English in meaningful and relevant ways appropriate to grade level and context.

ELD Descriptors:

Students will demonstrate knowledge of content through oral presentation, writing, reading, listening, collaborative conversation and multimedia. English learners at all levels of English language proficiency fully participate in grade level tasks in all content areas with various degrees of scaffolding in order to develop both content knowledge and English. EL students can engage in complex, cognitively demanding social and academic activities requiring language when provided with appropriate linguistic support.

ELD ENGLISH 1

Course ID# 205516 (Fall) / 205536 (Spring)

Open to grades: 9-12

Prerequisite: CELDT level 1 & 2

Students in ELD 1 learn to use English for immediate needs and begin to understand and use academic vocabulary and other features of academic language. Students enter this class with limited English skills and exit with basic communication skills in social and academic context.

ELD ENGLISH 2

Course ID# 205526

Open to grades: 9-12

Prerequisite: CELDT level 3

Students in ELD 2 learn a greater variety of vocabulary and linguistic structures applying their language skills in more sophisticated ways. Students in this class increasingly engage in using the English language in more complex, cognitively demanding situations. They leave this class able to use English to learn and communicate about a range of topics and academic content areas.

ELD ENGLISH 3

Course ID# 204533

Open to grades: 9-12

Prerequisite: CELDT level 4-5

Students in ELD 3 continue to learn and apply a range of high level English language skills, including comprehension and production of highly technical texts. Students leave this class able to communicate effectively with various audiences on a wide range of familiar and new topics to meet academic demands in a variety of disciplines.

SDAIE ENGLISH LAB

Course ID# 211153

Open to grades: 9-12

This course is designed for students who require support in developing English language art skills. The course previews and reviews content and skills taught in the college-prep English curriculum. Students are provided with additional instruction in English language and learning strategies that will support their success in all courses.

HEALTH

According to the California State Board of Education, “Good health and academic success go hand in hand. Healthy children make better students, and better students become healthy, successful adults who are productive members of their communities.” This philosophy guides the curriculum offered in our Health classes at Roseville High School.

HEALTH & SAFETY

Course ID# 521153

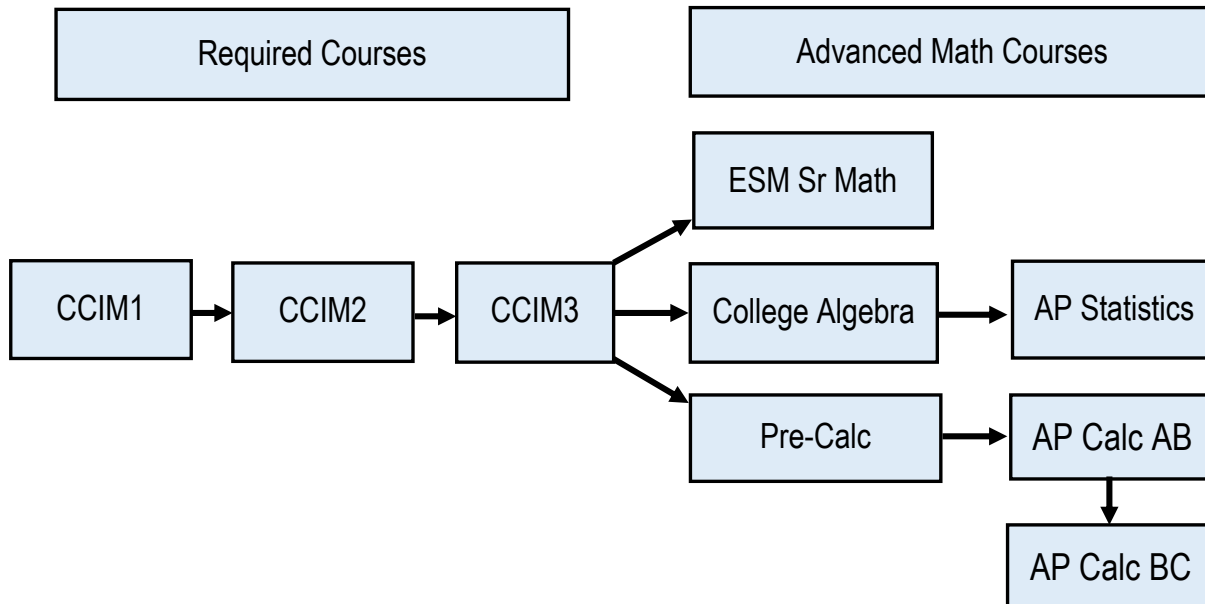
Open to grades: 9

Designed to give students knowledge, attitudes and decision-making skills to develop and maintain their own healthy lifestyles. The course thoroughly examines the three categories of health; social, mental and physical. In addition, there will be instruction in school orientation; decision-making; the human life cycle; substance abuse; first aid; public safety; accident prevention and disaster preparation.

MATHEMATICS

The Roseville High School Mathematics Department seeks to provide an excellent mathematics education for all students. Using the CCSS Mathematics Standards, we work together to develop units that are thought provoking, meaningful, and challenging. We aim to provide an environment for students that fosters the development of their collaboration, communication, and reasoning skills. We are committed to teaching students the topics outlined for each course, as well as developing students' ability to problem solve and think critically.

RHS Math Recommended Course Sequence



COMMON CORE INTEGRATED MATHEMATICS 1 (CCIM1)

Course ID# 401323

Open to grades: 9-12

Prerequisite: Successful completion of math 8 or Teacher recommendation

UC/CSU – Mathematics (“c”)

This course includes the standards from the Common Core State Standards. Included are the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability.

Integrated Mathematics 1, will focus on six critical areas: (1) extend understanding of numerical manipulation to algebraic manipulation; (2) synthesize understanding of function; (3) deepen and extend understanding of linear relationships; (4) apply linear models to data that exhibit a linear trend; (5) establish criteria for congruence based on rigid motions; and (6) apply the Pythagorean Theorem to the coordinate plane.

The fundamental purpose of Integrated Mathematics 1 is to formalize and extend students’ understanding of linear functions and their applications. The critical topics of study deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomena, and in part by applying linear models to data that exhibit a linear trend. Mathematics 1 uses properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge from prior grades. The Integrated Mathematics courses follow the structure began in the K-8 standards of presenting mathematics as a coherent subject, mixing standards from various conceptual categories.

COMMON CORE INTEGRATED MATHEMATICS 2 (CCIM2)

Course ID# 402353

Open to grades: 9-12

Prerequisite: Grade of “C” or better in CCIM1

UC/CSU – Mathematics (“c”)

This course includes the standards from the Common Core State Standards. Included are the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. Topics of study include: laws of exponents; key characteristics of quadratic functions compared with those of linear and exponential functions; creating and solving equations and inequalities involving linear, exponential, and quadratic expressions; probability; and similarity of triangles based on dilations and proportional reasoning.

COMMON CORE INTEGRATED MATHEMATICS 3 (CCIM3)

Course ID# 402363

Open to grades: 9-12

Prerequisite: Successful completion of CCIM2

Placement recommendation: A grade of “C” or better in prerequisite coursework.

UC/CSU – Mathematics (“c”)

This course includes the standards from the Common Core State Standards. Included are the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. Topics of study include: statistics involving data distributions, connecting characteristics and behaviors of polynomial functions; analyze, graph, and transform, rational functions, radical functions, and trigonometry functions with and without technology; build an understanding and fluency with exponential and logarithmic functions; and composition of functions.

ESM SENIOR MATH

Course ID# 404493

Open to grades: 12

Prerequisite: Successful completion of CCIM3

Placement recommendation: A grade of “C” or better in prerequisite coursework.

UC/CSU – Mathematics (“c”)

The intent of the EAP Senior Year Mathematics (ESM) Course is to better prepare college and career-bound high school seniors with the 21st Century skills necessary to meet the mathematical thinking and problem-solving expectations of higher education mathematics courses and workplace requirements. The goal of the course is to strengthen and extend students’ mathematical foundation by deepening and simultaneously expanding conceptual understandings of mathematical theory, skills and strategies. Content will include specific topics from pre-calculus and discrete mathematics. Lessons and tasks will provide students with opportunities to solve challenging problems in which they gather, analyze, and evaluate information, work effectively in groups to make decisions using critical reasoning skills and communicate concisely through written and oral language.

PRE-CALCULUS

Course ID# 404483

Open to grades: 10-12

Prerequisite: Successful completion of CCIM3.

Placement recommendation: A grade of "B" or better in prerequisite coursework.

UC/CSU – Mathematics ("c")

College preparatory course designed for students to learn the skills and proficiencies necessary to be successful in Advanced Placement Calculus. The areas of study include: the fundamentals of college-level algebra, geometric and algebraic interpretations of functions and inverse functions, linear and quadratic inequalities, rational functions, exponential and logarithmic functions and their applications, conic sections, matrices, an introduction to limits, and trigonometric functions and their properties.

COLLEGE ALGEBRA

Course ID# 402243

Open to grades: 10-12

Prerequisite: Successful completion of CCIM3.

Placement recommendation: A grade of "C" or better in prerequisite coursework.

UC/CSU – Mathematics ("c")

College Algebra is a one-term course designed for students to learn the knowledge and skills necessary to perform successfully in Pre-Calculus or AP Statistics. Students will work on becoming proficient in the following areas: Equations and Inequalities, Functions and Graphs, Conics, Polynomials, Exponentials and Logarithms, Trigonometric Functions, Analytic Trigonometry, Systems of Equations and Inequalities, and Intro to Statistics. This course is designed to lead to higher levels of math, such as AP Statistics.

AP CALCULUS AB

Course ID# 407503

Open to grades: 11-12

Prerequisite: Successful completion of Honors Pre-Calculus.

Placement recommendation: A grade of "B" or better in prerequisite coursework.

UC/CSU – Mathematics ("c")

An advanced placement course designed for university preparatory students. This course provides instruction in the concepts of limits, continuity, derivatives, and anti-derivatives of algebraic functions. The basic concepts in algebra set theory and trigonometry are reviewed briefly before they are used to study limits. Students taking Calculus AB are expected to take Calculus BC.

AP CALCULUS BC

Course ID# 407513

Open to grades: 11-12

Prerequisite: Successful completion of AP Calculus AB

Placement recommendation: None

UC/CSU – Mathematics ("c")

Calculus BC is a full-year course in the calculus of functions of a single variable. It includes all topics covered in Calculus AB plus additional topics. Both courses (AP Calculus AB and BC) represent college-level mathematics for which most colleges grant advanced placement and credit. The content of Calculus BC is designed to qualify the student for placement and credit in a course that is one course beyond that granted for Calculus AB. The curriculum is based on the College Board guidelines. Topics included are: functions and graphs, techniques and applications of derivatives and integration, polynomial approximations, and Taylor and Maclaurin series.

AP STATISTICS

Course ID# 407523

Open to grades: 11-12

Prerequisite: Successful completion of CCIM3

Placement recommendation: Strong critical thinking and problem solving skills. A grade of "B" or better in prerequisite coursework.

UC/CSU – Mathematics ("c")

This course is equivalent to a non-Calculus Introduction to Statistics course in college. The main concepts include: data analysis (10%), experimental design (10%), linear regression (10%), probability (30%), and inference (40%). There are also projects each quarter that will require time outside of class where the students will need to work in groups to complete presentations and displays. All students will take the final exam in the beginning of May (a released AP test) and are encouraged to take the AP Statistics Exam to earn college credits.

MATH INTERVENTION

ACCESS TO INTEGRATED MATH 1

Course ID# 401203

Open to grades: 9-10

This course includes standards from both 8th Grade Common Core Math Standards and Common Core Integrated Math 1 to provide the support needed for student success in the Common Core Integrated Math Pathway. Included are the conceptual categories of Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. More specifically, units will develop functions and systems, data and modeling, as well as congruence, proof, constructions, and coordinates.

PHYSICAL EDUCATION

PE 9

Course ID# 501013

Open to grades: 9

An introduction to various physical activities and sports. Instruction includes basic skills, rules, safety, etiquette, sportsmanship, care of equipment and personal hygiene. All freshman students will be required to participate and pass the California State Physical Fitness Tests (PFT) that include: mile run, push-ups, curl-ups, trunk lift, shoulder stretch or sit and reach, and body mass index. (Students must pass five of the six criteria).

PE 10

Course ID# 502023

Open to grades: 10

This course is designed to build upon the concepts taught in PE 9 with more emphasis on learning life-long skills and activities, analyzing personal fitness activities and developing personal goals. All sophomore students who have not passed the PFT will be required to participate and pass the PFT that includes: mile run, push-ups, curl-ups, trunk lift, shoulder stretch or sit and reach, and body mass index. (Students must pass five of the six criteria).

PE 9/10

Course ID# 501033

Placement requirement: Required for all students who have not successfully completed PE 9 and/or PE 10 or who have not successfully completed the Physical Fitness Test.

Course designed to reinforce the importance of physical health and fitness. Emphasis will be placed on sportsmanship in recreational activities. Students needing to make up both PE 9 and PE 10 may take this course twice for credit. Students who have not passed the physical fitness testing during their freshman or sophomore class will be required to take PE 9/10 until they successfully complete the test or until they graduate (whichever comes first).

ATHLETIC PE

Course ID# 513253 (Fall) / 513303 (Spring)

Open to grades: 10-12

Prerequisite: 9th and 10th graders must have a grade of "B" or better in their most recent PE class

Designed to assist today's student athletes in balancing the demands of athletics and academics. Areas of emphasis will be on learning styles, conditioning, endurance training, sports psychology, tutoring, sports theories, injury prevention, nutrition, self-analysis, history of sports and application of sports knowledge to lifelong learning.

GROUP FITNESS

Course ID# 512113 (Fall) / 512123 (Spring)

Open to grades: 10-12

Prerequisite: Successful completion of PE 9 and PE 10 or enrolled in PE 10.

Designed as a fun elective P.E. class for students who want to exercise and improve and/or maintain their level of physical fitness. This class is a great way to get in shape in a fun way by doing a wide variety of physical activities that include kickboxing, yoga, X-biking, circuit training, weights, cross training, step aerobics and athletic conditioning.

RECREATION ADMINISTRATION

Course ID# 514353

Open to grades: 11-12

Prerequisite: Teacher approval

Recreation Administration is designed to teach students leadership, management, and organized skills through the creation and implementation of youth recreational activities. Through instruction via theory, direct instruction, guest lectures, and team building exercises, students will learn how social, emotional, and physical well-being is maintained through participation in a wide variety of recreation activities and sports. Students will learn instructional techniques as well as the specifics of popular community sports. They will design and direct intramural programs during lunch time and after school under the direct supervision of the instructor. They will also undergo thorough training and certification if officiating, first aid, and CPR. Recommended students will then be placed into internships in educational settings or with local recreation programs where they will operate more independently with teacher facilitation.

WEIGHT TRAINING

Course ID# 512153

Open to grades: 10-12

Prerequisite: Successful completion of PE 9 and PE 10 or enrolled in PE 10.

Designed to provide the opportunity to develop high levels of fitness through involvement in weight training, running and calisthenics. May be repeated for credit.

ADVANCED WEIGHT TRAINING

Course ID# 512163

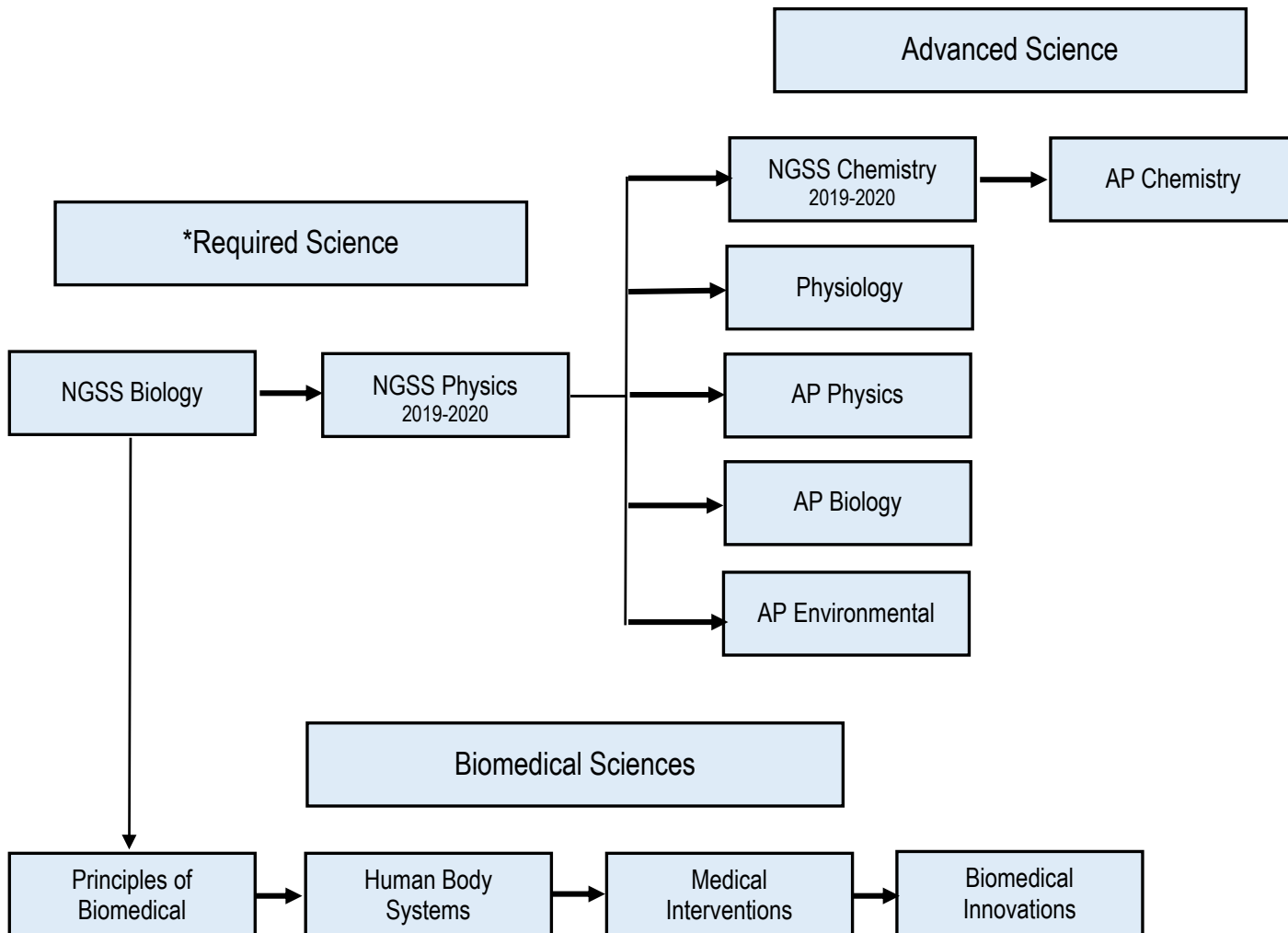
Open to grades: 11-12

Prerequisite: Successful completion of Weight Training.

Designed to provide the opportunity to develop high levels of fitness through involvement in weight training, running and calisthenics. May be repeated for credit.

SCIENCE

The Science Department at Roseville High School is dedicated to providing learning opportunities that are designed to allow students to develop scientific literacy and problem solving skills through the implementation of the Next Generation Science Standards. Emphasis is placed on the NGSS Science Practices, Cross Cutting Concepts, and Disciplinary Core Ideas so that students can discover, interpret, and apply scientific knowledge to solve problems. Students use technology and work cooperatively towards the goal of becoming lifelong learners in a global environment.



NGSS BIOLOGY

Course ID# 551013

Open to grades: 9-12
UC/CSU – Science (“d”)

NGSS Biology is the first course aligned with California’s Framework for the Next Generation Science Standards and will fulfill the RJUHSD life science graduation requirement. It is recommended for all 9th grade students and will meet the UC/CSU “d” laboratory requirement (UC approval pending in February 2018). Students will integrate the science and engineering practices, crosscutting concepts, and disciplinary core ideas. These core ideas include energy and matter flow in ecosystems, history of the Earth, human impacts on ecosystems, inheritance and variation in life, natural selection, evolution, and biotechnology. There will be multiple opportunities for students to model and develop solutions to authentic problem-based scenarios.

CP CHEMISTRY

Course ID# 603103

Open to grades: 10-12

Prerequisite: Successful completion of CCIM2 and Biology

Placement recommendation: A grade of a "C" or better in prerequisite coursework. Strong problem solving skills are necessary including the ability to rearrange algebraic equations. Strong critical thinking skills are recommended with the ability to engage in laboratory and discussion exercises.

UC/CSU – Science ("d")

Designed to provide college-preparatory students with a mathematical and laboratory oriented instruction in basic chemistry. Chemistry includes a thorough survey of the classification and interaction of matter, atomic theory, phase changes, bonding, acid/base reactions, stoichiometry and an introduction to organic chemistry. Students are expected to have algebra and problem-solving skills and will be required to complete problem sets and participate in laboratory and discussion exercises. All content presented to the class is in alignment with the Next Generation Science Standards

CP EARTH SCIENCE

Course ID# 601963

Open to grades: 10-12

Placement recommendation: Students should be enrolled in or completed CCIM1

CSU – Science ("d")

UC – Elective ("g")

Earth/Physical Science is a directed inquiry based laboratory science class that will cover topics in Astronomy, Geology, Meteorology, Oceanography, and California Resources, as well as an initial review of the Scientific Method and basic Physical Science concepts. All content presented to the class is in line with Next Generation Science Standards for Earth Science. Students will engage in hands-on labs and projects in cooperative groups.

*This course will not be offered after the 2018-2019 school year.

CP PHYSICS

Course ID# 603303

Open to grades: 10-12

Prerequisite: Successful completion of CCIM1, CCIM2 or CCIM3

Placement recommendation: Highly mathematically saturated course. Use of math and trigonometry throughout the course. Recommend a grade of "C" or better in CP Biology and CP Chemistry and a grade of "B" or better in CCIM1 & CCIM2.

UC/CSU – Science ("d")

Designed for college-preparatory students who want a general overview of physics. All of the major concepts are studied including states of matter, energy (light, sound, heat, mechanical), kinetics (force, gravity, work, motion), power, electricity and magnetism.

PHYSIOLOGY

Course ID# 553203

Open to grades: 11-12 or with Teacher approval

Prerequisite: Successful completion of Biology.

Placement recommendation: A grade of "C" or better in Biology. Successful completion of CP Chemistry. Strong analytical skills are recommended with structural recall and retention ability. Student must have a comfortable chemistry background and ability to properly use a microscope.

UC/CSU – Science ("d")

Designed for college-preparatory students, this course considers the structural and functional interrelationships of the systems in the human body. The course includes class discussions, numerous labs, extensive work with slides, models and charts, and two or three major mammalian dissections. Special emphasis is placed on medical terminology, common diseases and disorders and genetics. This is an ideal course for those who intend to pursue a medically related career or who are simply interested in a better understanding of the human body.

AP BIOLOGY

Course ID# 557103

Open to grades: 10-12

Prerequisite: Completion of Biology and Chemistry.

Placement recommendation: A grade of "B" or better in Biology and Chemistry and a grade of "C" or better in CCIM1 and English (or concurrent enrollment). Strong reading and reasoning skills are recommended. Student should be self-directed with strong analytical and problem-solving skills. Students enrolled are expected to take the AP exam

UC/CSU – Science ("d")

Advanced Placement Biology is a college-level biology course designed to meet the requirement of the advanced placement curriculum as defined by the College Board. This course differs from CP Biology in the depth of study and amount of quantitative analysis in the laboratory work. Topics covered include cell structure & function, respiration, photosynthesis, cell division, heredity, genetics, evolution, taxonomy, plants, human physiology, human reproduction, animal behavior, and ecology. The course is fast paced and students need to be prepared. Students should have strong math skills and an interest in pursuing science as a major in college.

AP CHEMISTRY

Course ID# 607203

Open to grades: 10-12

Prerequisite: Successful completion of CCIM3 and CP Chemistry.

Placement recommendation: Strongly recommend completion or concurrent enrollment in Pre-Calculus. Students should have a strong background in chemistry and an interest in majoring in science. A grade of "B" or better in prerequisite course work. Students enrolled are expected to take the AP exam.

UC/CSU – Laboratory Science ("d")

Advanced Placement Chemistry is a college-level chemistry course designed to meet the requirement of the advanced placement curriculum as defined by the College Board. Topics covered include Atoms & Elements, Structure & Properties of Matter, Chemical Reactions, Kinetics, Thermodynamics and Equilibrium. Students should have strong math skills and an interest in pursuing science as a major in college.

AP ENVIRONMENTAL SCIENCE

Course ID# 607603

Open to grades: 11-12

Prerequisite: Successful completion of CCIM2.

Placement recommendation: Recommend completion of CP Chemistry or CP Earth Science with a "B" grade. A grade of "B" or better in CCIM2. Student must be self-directed with strong analytical and problem-solving skills. Students enrolled are expected to take the AP exam

UC/CSU – Science ("d")

Advanced Placement Environmental Science is a college-level course designed to meet the requirement of the advanced placement curriculum as defined by the College Board. The goal of this course is to provide students with the scientific principles, concepts, and methodologies to understand the interrelationships of the natural world, to identify and analyze environmental problems natural and human made and evaluate these problems and examine alternative solutions. APES is designed to prepare students for the AP exam in the spring. Students should have strong math skills and an interest in pursuing science as a major in college.

AP PHYSICS 1

Course ID# 607393

Open to grades: 11-12

Prerequisites: Successful completion of CCIM3 and CP Physics. Students enrolled are expected to take the AP exam

Placement recommendation: Strongly recommend completion or concurrent enrollment in Pre-Calculus or higher math level and a grade of "B" or better in prerequisite coursework. It is assumed that students will have already had some exposure to Physics prior to taking this class. Advanced trigonometric and pre-calculus techniques will be used to solve a variety of challenging and high-level Physics problems throughout the course.

UC/CSU – Science ("d")

An advanced and fast-paced college-level Physics class covering the foundations of Physics. Included topics cover all major branches of Physics including kinematics, mechanics, thermodynamics, sound, optics, electricity and magnetism, and nuclear physics to prepare students to take the Advanced Placement Physics 1 Exam in the spring.

PRINCIPLES OF THE BIOMEDICAL SCIENCES (PBS)

Course ID# 356013

Open to grades: 10-12

Prerequisite: Successful completion of CP Biology

Placement recommendation: A grade of "B" or better in prerequisite coursework. A college preparatory mathematics course taken within the same school year (i.e. CCIM1 or higher). Student must be self-directed and practice routine study habits. Ability to problem solve and research information while paying attention to detail. Strong analytical skills are recommended.

UC/CSU – Science ("d")

* Requested contribution of \$20.00 for materials

Students explore the concepts of human medicine and are introduced to research processes and to bioinformatics. Hands-on projects enable students to investigate human body systems and various health conditions, including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. Over the length of the course, students work together to determine the factors that led to the death of a fictional person. After pinpointing those factors, the students investigate lifestyle choices and medical treatments that might have prolonged the person's life. The key biological concepts embedded in the curriculum include homeostasis, metabolism, inheritance of traits, feedback systems, and defense against disease. Where appropriate engineering principles are also incorporated into the curriculum. These include the design process, feedback loops, fluid dynamics, and the relationship of structure to function.

HUMAN BODY SYSTEMS (HBS)

Course ID# 356033

Open to grades: 10-12

Prerequisite: Successful completion of Principles of the Biomedical Sciences

Placement recommendation: A grade of "C" or better in prerequisite coursework and a 70% average on the assessment portion of the PBS grade. A college preparatory mathematics course taken within the same school year (i.e. CCIM1 or higher). Student must be self-directed and practice routine study habits. Ability to problem solve and work within a group setting. Those interested in furthering their understanding of the human body functions and anatomical structure.

UC/CSU – Science ("d")

* Requested contribution of \$20.00 for materials

Students examine the processes, structures, and interactions of the human body systems to learn how they work together to maintain homeostasis (internal balance) and good health. Using real-world cases, students take the role of biomedical professionals and work together to solve medical mysteries. Hands-on projects include designing experiments, investigating the structures and functions. Students will be sculpting a human body using 3-D Manikins throughout the course.

MEDICAL INTERVENTIONS (MI)

Course ID# 356033

Open to grades: 11-12

Prerequisite: Successful completion of Human Body Systems.

Placement recommendation: A grade of "C" or better in prerequisite coursework and a 70% average on the assessment portion of the HBS grade. A college preparatory mathematics course taken within the same school year (i.e. CCIM1 or higher). Strong analytical skills and the ability to pay attention to details are recommended. A high level of inquiry and critical thinking is necessary. Student must be self-directed and able to work within a group setting.

Articulation Agreement - Medical Interventions students who score an A or a B on an additional final exam may receive 3 units of American River Junior College credits, which are transferable to CSU.

UC/CSU – Science ("d")

* Requested contribution of \$20.00 for materials

Students investigate the variety of interventions involved in the prevention, diagnosis and treatment of disease as they follow the lives of a fictitious family. The course is a "How-To" manual for maintaining overall health and homeostasis in the body as students explore how to prevent and fight infection, how to screen and evaluate the code in human DNA, how to prevent, diagnose and treat cancer, and how to prevail when the organs of the body begin to fail. Through these scenarios, students are exposed to the wide range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. Each family case scenario introduces multiple types of interventions and reinforces concepts learned in the previous two courses, as well as presenting new content. Interventions may range from simple diagnostic tests to treatment of complex diseases and disorders. These interventions are showcased across the generations of the family and provide a look at the past, present and future of biomedical science. Lifestyle choices and preventive measures are emphasized throughout the course as well as the important roles scientific thinking and engineering design play in the development of interventions of the future.

BIOMEDICAL INNOVATION (BI)

Course ID# 356043

Open to grades: 11-12

Prerequisite: Successful completion of Medical Interventions.

Placement recommendation: College prep math course taken within the same school year (i.e. CCIM1 or higher). A grade of "C" or higher in prerequisite coursework and a 70% average on the assessment portion of the MI grade.

UC/CSU – Science ("d")

* Requested contribution of \$30.00 for materials

In this capstone course, students apply their knowledge and skills to answer questions or solve problems related to the biomedical sciences. Students design innovative solutions for the health challenges of the 21st century as they work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering, and public health. They have the opportunity to work on an independent project and may work with a mentor or advisor from a university, hospital, physician's office, or industry. Throughout the course, students are expected to present their work to an adult audience that may include representatives from the local business and healthcare community

Roseville High School Social Science Course Offerings

Recommended Course Sequence for Optimum Success in Advanced Placement Pathway

9th Grade



Pre AP
Geography and World Cultures
Year-long A/B block integrated with English

Pre AP
Geography and World Cultures
Year-long A/B block integrated with English 9

10th Grade



World History
or
AP Human Geography
Can be taken 10th, 11th, 12th

or

AP European History
Year-long A/B block integrated with
Honors English 10

11th Grade



**United States
History**

or

AP US History
Year-long A/B block integrated with AP Language

12th Grade



U.S. Government and Economics

or

AP U.S. Government
One semester integrated with
AP Comparative Government
and
AP Microeconomics
One semester integrated with
AP Macroeconomics

AP ELECTIVES
* Recommended 11th and 12th grade
AP Human Geography **AP Psychology**

SOCIAL SCIENCE

The RHS Social Science Department offers several course options for students. The course offerings provide students with a core knowledge of history, develop inquiry-based critical thinking skills, improve reading comprehension and expository writing. The study of social science encourages young people to make informed and reasoned decision for the public good and to become global citizens in a culturally diverse and interdependent world.

GEOGRAPHY AND WORLD CULTURES / CP ENGLISH 9

Course ID# 651013 / 201113

Open to grades: 9

Placement recommendation: None

UC/CSU - History/Social Science ("a") / English ("b")

This pre-AP course provides a foundation to prepare university-bound students for the rigors of future honors and AP courses and is aligned to Common Core Standards. Students will engage in higher order thinking, reading and writing skills while exploring the unique characteristics of selected world regions from a geographic and literary perspective. This integrated course will utilize 21st century technologies and emphasize the depth and complexity of writing.

WORLD STUDIES

Course ID# 652103

Open to grades: 10

UC/CSU – History/Social Science ("a")

In this college prep course, students study major turning points that shaped the modern world, from the late eighteenth century through the present. They will trace the rise of democratic ideas and develop an understanding of the historical roots of current world issues as they relate them to their historical, geographic, political, economic, and cultural contexts.

AP EUROPEAN HISTORY / HONORS ENGLISH 10 (A/B YEARLONG)

Course ID# 657151 / 206221

Open to grades: 10; fulfills World Studies requirement

Prerequisite: Successful completion CP English 9

Placement recommendation: Strong critical reading and writing skills. A grade of B or better in prerequisite coursework.

UC/CSU – History/Social Science ("a") & English ("b")

Designed for university-bound students. Year-long, blocked course integrated with Honors English 10 to provide a more enriched learning environment and to prepare students for the Advanced Placement Exam. Emphasizes analytical thinking skills and the development of improved essay writing skills. Students will be expected to study a college based text along with the supplementary reading materials which includes primary sources. The course content covers the history of Europe from the 1300's to present. Successful performance on the Advanced Placement Exam will enable students to obtain college credit at selected universities. Designed to facilitate those students who will seek further enrollment in AP courses.

AP HUMAN GEOGRAPHY

Course ID# 654123

Open to grades: 10-12

Prerequisite: None

Placement recommendation: Strong reading, writing, and critical thinking skills.

UC/CSU – History/Social Science ("a")

AP Human Geography is a course that focuses on the distribution, processes, and effects of human populations on the planet. The course provides a systematic study of human geography. In-depth concepts to be covered include: population, cultural patterns and processes, political organization, agriculture and rural land use, industrialization and economic development, and cities and urban land use. Emphasis is placed on geographic models and their applications. This is a college-level course. Fulfills World Studies requirement.

UNITED STATES HISTORY

Course ID# 653203

Open to grades: 11
UC/CSU – History/Social Science (“a”)

This college preparatory course covers the period of exploration to the 1980s. Students will discover why it is important in today’s world to study our country’s past. Course content emphasizes significant people, events, themes, governmental structures, economic developments and social themes.

AP US HISTORY / AP LANGUAGE AND COMPOSITION (A/B YEARLONG)

Course ID# 657251 / 207421

Open to grades: 11
Prerequisite: Successful completion of CP/Honors English 10 & World Studies/ AP European History.
Placement recommendation: A grade of “B” or better in prerequisite coursework.
UC/CSU - History/Social Science (“a”) & English (“b”)

Designed for university-bound students. Year-long, blocked course integrated with AP Language and Composition to provide a more enriched learning environment and to prepare students for the Advanced Placement Exams. This course emphasizes analytical thinking skills and the development of improved essay writing skills. AP US History is a rigorous, in-depth examination of the course of American cultural development from colonial to contemporary times. Students who complete the course are encouraged to take the College Level Examination Program or Advanced Placement American History Examination. A successful performance on the Advanced Placement Exam will enable students to obtain college credit in American History at selected colleges and universities. Preparation for college testing in American History is the major focus of this course. Students are expected to have skills necessary for college-level performance. Students will engage in the process of framing an inquiry, selecting relevant sources and organizing evidence in support of a hypothesis. Primary and secondary sources of information will be examined and analyzed. Students will develop skills in logic, critical thinking and high-level expository writing.

GOVERNMENT

Course ID# 654304

Open to grades: 12
UC/CSU – History/Social Science (“a”)

A one-semester course. Course content includes an overview of federal, state and local government. There is an emphasis on local government as typified by the City of Roseville and Placer County. Students will study the three branches of government, the electoral process and various systems of government.

AP UNITED STATES GOVERNMENT AND POLITICS

Course ID# 657353

Open to grades: 12
Prerequisite: None
Placement recommendation: None
UC/CSU – History/Social Science (“a”)

This is one of four courses in a yearlong block. Students who sign up for AP US Government MUST also sign up for AP Comparative Government and Politics, AP Microeconomics, and AP Macroeconomics. Each course is a nine (9) week five (5) credit course. This course is designed for the advanced student who desires to continue studying at the college level. It provides students an opportunity to gain a critical perspective on government and politics in the United States. It involves the study of general concepts used to interpret American politics and the analysis of specific case studies. The Advanced Placement examination will be offered in May. A successful performance on the Advanced Placement exam will enable students to obtain college credit in Political Science at selected colleges and universities.

AP UNITED STATES COMPARATIVE GOVERNMENT & POLITICS

Course ID# 657364

Open to grades: 12
Prerequisite: None
Placement recommendation: None
UC/CSU – History/Social Science (“a”)

This is one of four courses in a yearlong block. Students who sign up for AP US Government **MUST** also sign up for AP United States Government and Politics, AP Microeconomics, and AP Macroeconomics. Each course is a nine (9) week five (5) credit course.

ECONOMICS

Course ID# 654404

Open to grades: 12
UC/CSU – Elective (“g”)

A one-semester course. Economics focuses on basic economic principles, the American business structure, economic performance, gross national product and fiscal policy, banking and monetary policy. Economic problems in the US and overseas and personal economics are also stressed. The course emphasizes the active role of the individual and provides practical strategies for students to use in making personal economic decisions.

AP UNITED STATES GOVERNMENT AND POLITICS

Course ID# 657354

Open to grades: 12
Prerequisite: None
Placement recommendation: None
UC/CSU – History/Social Science (“a”)

This is one of four courses in a yearlong block. Students who sign up for AP US Government **MUST** also sign up for AP Comparative Government and Politics, AP Microeconomics, and AP Macroeconomics. Each course is a nine (9) week five (5) credit course. This course is designed for the advanced student who desires to continue studying at the college level. It provides students an opportunity to gain a critical perspective on government and politics in the United States. It involves the study of general concepts used to interpret American politics and the analysis of specific case studies. The Advanced Placement examination will be offered in May. A successful performance on the Advanced Placement exam will enable students to obtain college credit in Political Science at selected colleges and universities.

AP COMPARATIVE GOVERNMENT & POLITICS

Course ID# 657364

Open to grades: 12
Prerequisite: None
Placement recommendation: None
UC/CSU – History/Social Science (“a”)

This is one of four courses in a yearlong block. Students who sign up for AP Comparative Government & Politics **MUST** also sign up for AP United States Government, AP Microeconomics, and AP Macroeconomics. Each course is a nine (9) week five (5) credit course. AP Comparative Government explores the political theory and everyday practices that direct the daily operation of the governments in six countries throughout the world (Great Britain, China, Russia, Mexico, Nigeria, and Iran). By building a theoretical framework and exploring case studies, we will be able to draw meaningful comparisons and contrasts between our six countries. This course will prepare you to take the AP exam for Comparative Government. As this class is taught at the college level, it requires a substantial amount of reading, critical thinking, and initiative. You will not simply learn how government works, but will develop a critical understanding of the strengths and weaknesses of the six countries' political systems, and how you as a citizen structure into our modern-day globalized society.

AP MICROECONOMICS

Course ID# 657453

Open to grades: 12

Prerequisite: None

Placement recommendation: Strong organizational skills and determination

UC/CSU – History/Social Science (“a”)

This is one of four courses in a yearlong block. Students who sign up for AP Microeconomics **MUST** also sign up for AP Macroeconomics, AP US Governments, and AP Comparative Government and Politics. Each course is a nine (9) week five (5) credit course. The purpose of an AP course in microeconomics is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and function of product markets, and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy.

AP MACROECONOMICS

Course ID# 657454

Open to grades: 12

Prerequisite: None

Placement recommendation: Strong organizational skills and determination

UC/CSU – Elective credit (“g”)

This is one of four courses in a yearlong block. Students who sign up for AP Macroeconomics **MUST** also sign up for AP Microeconomics, AP US Governments, and AP Comparative Government and Politics. Each course is a nine (9) week five (5) credit course. This is a college-level course designed to provide students with a thorough understanding of the principles of economics in examining aggregate economic behavior. Students taking the course can expect to learn how the measures of economic performance are constructed and how to apply them to evaluate the macroeconomic conditions of an economy. Students will also learn the basic macroeconomics analytical tools, as well as evaluating the effectiveness of fiscal policy and monetary policy in promoting economic growth and stability. Students will also examine the impact of international trade and international finance.

AP PSYCHOLOGY

Course ID# 654133

Open to grades: 11-12

Prerequisite: None

Placement recommendation: None

UC/CSU – Elective (“g”)

AP Psychology is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

SPECIAL EDUCATION

Academic Lab A

Course ID# 211243 / 211245

Course is primarily designed to support IEP goals in the area of Language Arts. These goals are addressed through direct instruction language arts curriculum. Recommendation from the Special Services Coordinator is required for enrollment.

Academic Lab B

Course ID# 403303 / 403305

Course is primarily designed to support IEP goals in the area of Math. These goals are addressed through direct instruction math curriculum. Recommendation from the Special Services Coordinator is required for enrollment.

Academic Lab C

Course ID# 808803 / 808805

Course is primarily designed to support IEP goals, study skills, support for core academic classes, and transition activities. Recommendation from the Special Services Coordinator is required for enrollment.

Functional Academics

Course ID# 808913 / 808915

Functional Academics is designed to build independence in real world applications working towards student's transition plan and includes instruction in core academics as applied to life. Recommendation from the Special Services Coordinator is required for enrollment.

Independent Living Skills

Course ID# 851853 / 851855

Independent Living Skills will focus on skills for students to live independently through applying real life applications. Instruction may include domestic, vocational and community based hands-on learning. Recommendation from the Special Services Coordinator is required for enrollment.

VISUAL AND PERFORMING ARTS

The Visual and Performing Arts Department offers one of the widest ranges of courses in Northern California. The department is dedicated to offering opportunities for performance for all students enrolled in our VAPA classes. Visual arts students are offered many public display opportunities while music students have various performances as well as county and state honor band and choir tryouts. Dance, drama and guitar classes perform publicly on a frequent basis.

ART 1

Course ID# 101013

Open to grades: 9-12

UC/CSU – Visual & Performing Arts ("f")

*Requested contribution of \$30.00 for materials

Students will explore multiple mediums, including drawing, painting and 3-dimensional design. Emphasis will be on applying elements of art and principles of design in a variety of art projects. Upon completion of the course students will begin to speak the universal language of art.

ART 2

Course ID# 102023

Open to grades: 10-12

Prerequisite: Successful completion of Art 1.

Placement recommendation: A grade of "C" or better in prerequisite coursework or Teacher approval.

UC/CSU – Visual & Performing Arts ("f")

*Requested contribution of \$30.00 for materials

Students will continue to develop, in greater depth, their own artistic vision through the aid of carefully developed projects. Emphasis will be on 2-dimensional design; specifically students will work in oil and acrylic paints as well as multiple drawing media. Students enjoy many opportunities for public exhibition and sale of their own artwork.

ART 3

Course ID# 103033

Open to grades: 10-12

Prerequisite: Successful completion of Art 2

Placement recommendation: A grade of "B" or better in prerequisite coursework or Teacher approval.

UC/CSU – Visual & Performing Arts ("f")

*Requested contribution of \$35.00 for materials

Students continue to clarify their own artistic voice through the creation of their own series. Students compile a comprehensive professional portfolio that may serve them in the professional art world or entry into a college art program. The course concludes with a school or community one- to three-person art show for every Art 3 student.

ART 4

Course ID# 103043

Open to grades: 10-12

Prerequisite: Successful completion of Art 3.

Placement recommendation: A grade of "B" or better in prerequisite coursework or Teacher approval.

UC/CSU – Visual & Performing Arts ("f")

*Requested contribution of \$35.00 for materials

Students continue to clarify their own artistic voice through the creation of their own series. Students compile a comprehensive professional portfolio that may serve them in the professional art world or entry into a college art program. Students will also create a web site of their own art images and related information. The course concludes with a community one to two person art show for every Art 4 student.

CERAMICS 1

Course ID# 101043

Open to grades: 10-12

Prerequisite: None

UC/CSU – Visual & Performing Arts ("f")

*Requested contribution of \$35.00 for materials

Students will learn the vocabulary and functions of the language of the visual arts-- the elements of art, and principles of design. Emphasis will be on understanding the use and application of elements of art and design in the construction of functional and nonfunctional ceramics as well as non-clay sculpture. The class covers wheel and hand-built ceramics and sculpture; and the study of historically significant as well as current works of art, especially as they relate to ceramics.

CERAMICS 2

Course ID# 102053

Open to grades: 10-12

Prerequisite: Successful completion of Ceramics 1

Placement recommendation: A grade of "C" or better in prerequisite coursework or Teacher approval

UC/CSU – Visual & Performing Arts ("f")

*Requested contribution of \$35.00 for materials

Students will expand their understanding of the use and application of elements of art and design in the construction of functional and nonfunctional ceramics as well as non-clay sculpture, especially as it applies to their own art making. They will continue to explore historical and current works of art, and respond to their discoveries with analysis as well as their own works of art. Through practice and reflection each student will begin to uncover his/her own artistic voice.

CERAMICS 3

Course ID# 102063

Open to grades: 11-12

Prerequisite: Successful completion of Ceramics 2

Placement recommendation: Strong critical thinking, problem solving skills and strong work ethic. A grade of "B" or better in prerequisite coursework.

UC/CSU – Visual & Performing Arts ("f")

*Requested contribution of \$35.00 for materials

Students will have an opportunity to explore and develop an in depth series of work (concentration), as they further develop their artistic style and voice. The curriculum depends largely on each student's chosen concept and area of focus. Through research, class study, and out of class exploration students will see the place art takes in history, their lives, and the world.

AP STUDIO ART: DRAWING

Course ID# 107113

Open to grades: 10-12

Prerequisite: Successful completion of Art 2.

Placement recommendation: Strong critical thinking and problem solving skills. A grade of "B" or better in prerequisite coursework.

UC/CSU – Visual & Performing Arts ("f")

*Requested contribution of \$35.00 for materials

This drawing course is intended to address a very broad interpretation of drawing issues and media. The portfolio will be graded on quality, concentration and breadth of formal, technical and expressive means. Students must be self-motivated and able to work independently.

AP STUDIO ART: 2-D DESIGN

Course ID# 107143

Open to grades: 10-12

Prerequisite: Successful completion of Art 2.

Placement recommendation: Strong critical thinking and problem solving skills. A grade of "B" or better in prerequisite coursework.

UC/CSU – Visual & Performing Arts ("f")

*Requested contribution of \$35.00 for materials

2-D Design is intended to address two-dimensional (2-D) design issues. Design involves purposeful decision making about how to use the elements and principles of art in an integrative way. The portfolio will be graded on quality, concentration and breadth of formal, technical and expressive means. Students must be self-motivated and able to work independently.

AP STUDIO ART 3-D DESIGN

Course ID# 107133

Open to grades: 11-12

Prerequisite: Successful completion of Ceramics 2.

Placement recommendation: Strong critical thinking, problem solving skills, and strong work ethic. A grade of "B" or better in prerequisite coursework.

UC/CSU – Visual & Performing Arts ("f")

*Requested contribution of \$35.00 for materials

Students will have an opportunity to pursue an in-depth exploration of their interest in a broad range of additive and subtractive 3 dimensional art building experiences. They will build a concentration of 8-12 sculptures through the thoughtful investigation of a specific visual idea of their choosing; AND construct 8 three-dimensional works of art that demonstrate experimentation and a range of approaches to the work (breadth). They will have to apply everything they know and think they know about the concrete world around them, in order to manipulate it in order to convey their chosen meaning and to take 3-dimensional building to a college level.

AP ART HISTORY

Course ID# 107123

Open to grades: 11-12

Prerequisite: Successful completion of CP/Honors English 10.

Placement recommendation: Strong critical reading and writing skills. A grade of "B" or better in prerequisite coursework.

UC/CSU – Visual & Performing Arts ("f")

An advanced class designed to provide students with a critical understanding and enjoyment of painting, sculpture and architecture throughout history. The class will prepare students for the Advanced Placement Examination. Readings, lecture, slides, discussions, research and presentations and field trips will be used to teach students about the history of art. The class will prepare students for the Advanced Placement Examination (AP exam).

DIGITAL PHOTOGRAPHY 1

Course ID# 101083

Open to grades: 9-12

Prerequisite: Successful completion of Art 1

UC/CSU – Visual & Performing Arts ("f")

*Requested contribution of \$30.00 for materials

An introduction to digital photography using digital cameras and basic image editing software. This course includes print production for making black-and-white and color photographs and studio techniques that include portrait lighting and still life photography. Students will be introduced to the history of photography, influential photographers, and how photography has influenced society and the world cultures. Students use digital photography for the production of a photographic portfolio.

DIGITAL PHOTOGRAPHY 2

Course ID# 102093

Open to grades: 10-12

Prerequisite: Successful completion of Digital Photography 1

Placement recommendation: A grade of "C" or better in prerequisite coursework.

UC/CSU – Visual & Performing Arts ("f")

*Requested contribution of \$30.00 for materials

A transition course between basic photography and advanced photography courses. Students learn control techniques resulting in high-quality negatives, digital files, slides, and prints. Students work with various format cameras and explore photographic color theory. Lighting techniques are taught in detail including studio electronic flash lighting and continuous lighting. The working methods of the professional photographer are explored in the production of a portfolio of black-and-white and color images for commercial or fine art applications.

DANCE 1

Course ID# 101405

Open to grades: 9-12

UC/CSU – Visual & Performing Arts (“f”)

This course strives to develop basic skills in a variety of dance styles including jazz, tap, and clogging, as well as teaching an understanding of moving rhythmically, choreography development, physical skills and the value of hard work and responsibility. Students also learn dance terminology and history. Grades are based upon four areas: Participation, Skill, Written Work, and Final Project. The Final Project ends the term by students performing a full length dance that they, in a group, have choreographed. Dancers are not in a public show until completion of Dance 2. Students will need dance shoes which we offer at cost. Because of space limitations students who sign up for beginning and intermediate dance (2 terms total) are enrolled first. Students who only sign up for one term of dance are only admitted if there is space remaining.

DANCE 2

Course ID# 101415

Open to grades: 9-12

Prerequisite: Completion of Dance 1

UC/CSU – Visual & Performing Arts (“f”)

This course is the next step for students who have completed Dance 1. Students continue to learn new styles of dance such as ballet, modern, African, and more. They continue to develop their own dances through projects in class. Students perform in the end of term show. Students will need ballet shoes as well as their jazz shoes from Dance 1. Students must be available for participation in Dance Shows.

DANCE 3

Course ID# 101425

Open to grades: 10-12

Prerequisite: Completion of Dance 1 and 2

UC/CSU – Visual and Performing Arts (“f”)

Dance 3 is a performance based class, designed for those students who want to build upon Dance 1 and 2 skills and technique while increasing rigor. Students will be given the opportunity to experiment with choreographic studies as well as create their own choreography and perform in various school/community functions. Students perform in the end of term show.

DANCE 4

Course ID# 101445

Open to grades: 10-12

Prerequisite: Teacher permission after completion of Dance 2 or 3

UC/CSU – Visual & Performing Arts (“f”)

This class builds on the skills taught in Dance 1, 2 and 3. This course will provide additional instruction in a variety of dance forms including jazz, ballet, clogging, modern, tap and stresses performance skills both on stage and behind the scenes of a show. Student choreography and teaching is central to the class. Students will perform and teach dance in area schools; therefore, good school attendance is required. In addition to displaying growth in technical skill, students invited to this course have demonstrated excellence in areas of responsibility, work ethic, citizenship, and leadership in prior RHS dance coursework. Public performance in two major productions per year as well as numerous community and school events is required. This course may be taken multiple times for credit. Students must enroll in both Fall and Spring terms to be considered for acceptance in class.

CHOREOGRAPHY/DANCE HISTORY

Course ID# 102533

Open to grades: 10-12

Prerequisite: Dance 1 and 2

UC/CSU – Visual & Performing Arts (“f”)

This class offers the dance student the opportunity to choreograph dances in many styles. Course is collaborative and project based. Students learn about the history of dance, dance around the world, and famous dancers and choreographers through the use of video, lecture, readings and various field trips to live dance performances. Students will perform in the end of term show.

DANCE INTERNSHIP (Students teaching Students)

Course ID# 754323

Open to grades: 10-12

Prerequisite: Previous or current enrollment in Dance 4. Admission by Teacher approval.

This exciting course allows the dancer to develop leadership skills by planning, teaching, leading, and choreographing under the direction of the classroom teacher. Students will be involved in various aspects of show development (blocking, tech, sound, pulling costumes, production, props and prop making). Dance Interns are expected to demonstrate proper dance etiquette to beginning dance students, and model good behaviors and work ethic necessary to put on a quality show.

BEGINNING DRAMA

Course ID# 101583

Open to grades: 9-12

UC/CSU – Visual & Performing Arts (“f”)

Acting ignites the imagination and empowers self-expression, confidence, and collaboration. Students are introduced to acting through creative and enthusiastic drama games, improvisation, and scene work, as well as gain knowledge of theatre appreciation, history, and terminology. Students will develop stage presence and communication skills in a supportive and dynamic environment.

INTERMEDIATE THEATRE ARTS/DRAMA (Improv Comedy Class)

Course ID# 102603

Prerequisite: Successful completion of Drama 1 and/or Teacher approval

Placement recommendation: A grade of “C” or higher in prerequisite coursework, or coursework on transcript from a previous institution (junior high or transfer)

UC/CSU – Visual & Performing Arts (“f”) *pending approval

In Improv Comedy Class, students will work on the basics of improvisational, stand-up, and sketch comedy skills through spontaneity, staying-in-the-moment, risk-taking, and collaboration. Students will continue their training from Beginning Drama in characterization, movement, and theatre appreciation. Students will write, direct, and produce their own “comedy night” show during the semester. May be repeated for credit.

ADVANCED DRAMA

Course ID# 102593

Prerequisite: Successful completion of Intermediate Theatre Arts/Drama and/or Teacher approval

Placement recommendation: A grade of “C” or higher in prerequisite coursework, or coursework on transcript from a previous institution (junior high or transfer).

UC/CSU – Visual & Performing Arts (“f”)

Advanced Drama builds upon the skills and concepts developed in Beginning and Intermediate Theatre/Drama. Students will explore advanced acting methods, such as Stanislavski and Meisner, acting styles, such as Commedia Dell'arte, complex character development, and challenging scene work, as well as gain a greater sense of theatre appreciation and advanced terminology. Students will continue to develop stage presence, confidence, and collaboration in a supportive environment. May be repeated for credit.

MUSICAL THEATER

Course ID# 103613

Open to grades: 9-12

Prerequisite: Audition and teacher approval

UC/CSU – Visual & Performing Arts (“f”) *pending approval

Musical Theatre class is an exploration of American Musical Theatre. Students will study the work of the actor/singer/dancer through the viewing and discussion of musicals, musical theatre history and repertoire, and will use their gained knowledge to develop as performers. Students will prepare and present as soloists as well as member of small groups and larger ensembles. Since this is a workshop course, students will prepare material for class performances. The class will participate in a culminating cabaret-style showcase performance at the end of the semester. May be repeated for credit.

BAND (Yearlong)

Course ID# 101283

Open to grades: 9-12

Prerequisite: One or two years of experience on a band instrument or enrollment in private lessons/teacher approval or recommendation

UC/CSU – Visual & Performing Arts (“f”)

All levels of musicians are welcome to be in the Tiger Band. We will make you a better performer and musician. The band performs at football games, pep rallies, parades, competitions, and concerts. Students will learn musicianship through performance throughout the year in different styles including marching, classical, jazz, and musicals. Students are required to attend practices and rehearsals after school, as well as performances held at night and on weekends. This class may be repeated for credit. Band is a yearlong course; students need to sign up for this course twice.

COLORGUARD - (Fall)

Course ID# 851553

Open to grades: 9-12

High energy, performance oriented class which adds sparkle and flash to the marching band shows. The guard, dances, spins flags, flips rifles and sparkles during performances as part of the fall term Tiger Band.

JAZZ ENSEMBLE - (Yearlong 0)

Course ID# 101243

Open to grades: 9-12

Prerequisite: Teacher approval based upon an audition and/or concurrent enrollment in Tiger Band

UC/CSU – Visual & Performing Arts (“f”)

A performance oriented class for advanced musicians. If you can play, you can play in our groups. Saxophone, trombone, trumpet, piano, bass, guitar and drum set, experienced singers also welcome. Jazz, rock, fusion, Afro- Cuban, funk, swing and blues it's all here. Student musicians will have the opportunity to learn arranging, music collaboration, sound equipment set up and adjustments, and on-stage performance skills. Freshmen should enroll in the Tiger Band or Guitar for the fall prior to Jazz Ensemble in the spring. This class will run during 0.

BEGINNING PIANO

Course ID# 101293

Open to grades: 9-12

UC/CSU – Visual & Performing Arts (“f”)

Designed for students who desire to acquire or develop piano keyboarding skills while engaged in music study. Students will learn to read music and will explore the elements of music theory. Students will develop fine motor skills, a technical and aesthetic appreciation of music, life-long learning disciplines and motivations related to music, music etiquette, ear training, rhythm dictation and sight reading skills.

INTERMEDIATE PIANO

Course ID# 102273

Open to grades: 9-12

Pre-requisite: Successful completion of Beginning Piano or Instructor approval through audition

UC/CSU – Visual & Performing Arts (“f”)

Designed for students who desire to acquire or develop piano keyboarding skills while engaged in music study. Students will learn to read music and will explore the elements of music theory. Students will develop fine motor skills, a technical and aesthetic appreciation of music, life-long learning disciplines and motivations related to music, music etiquette, ear training, rhythm dictation and sight reading skills.

ADVANCED PIANO

Course ID # 102263

Open to grades: 9-12

Pre-requisite: Successful completion of Intermediate Piano or Instructor approval through audition

UC/CSU – Visual & Performing Arts (“f”)

Designed for students who desire to continue their development of piano keyboarding skills while engaging in music study. Students will continue to learn to read music and will explore the elements of music theory. Students will further develop fine motor skills, a technical and aesthetic appreciation of music, life-long learning disciplines and motivations related to music, music etiquette, ear training, rhythm dictation and sight reading skills.

BEGINNING GUITAR

Course ID# 101273

Open to grades: 9-12

UC/CSU – Visual & Performing Arts (“f”)

Designed as a class for the beginning guitarist. Instruction will include music theory and music reading with an emphasis on open position chords, chord progressions, and sight-reading skills. Students will learn about the history of the guitar as a unique part of American culture through the study of a wide variety of songs popularized by numerous professional guitarists and guitar based groups.

INTERMEDIATE GUITAR

Course ID# 102293

Open to grades: 9-12

Prerequisite: Open to students who have successfully completed Beginning Guitar.

Placement recommendation: A grade of “C” or better in Beginning Guitar.

UC/CSU – Visual & Performing Arts (“f”)

The Intermediate Guitar program builds on skills acquired from the Beginning Guitar Class. Students will study specific styles of guitar playing including Folk, Blues, and Class Rock. This course places a larger emphasis on the understanding of music theory and the ongoing development of improved sight reading skills. Improvisational skills are developed as students study the use of pentatonic scales, major and minor scales, and chord movements that utilize the guitar fingerboard well beyond open position. Students learn how to develop solid harmony and melody skills and collaboration with other students. Some audio and video selections will be used to help familiarize students with the wide variety of professional guitar styles that are celebrated in both individual and group performance situations. May be repeated for credit.

ADVANCED GUITAR

Course ID# 102283

Open to grades: 10-12

Prerequisite: Successful completion of Intermediate Guitar.

Placement recommendation: A grade of “C” or better in Intermediate Guitar.

UC/CSU – Visual & Performing Arts (“f”)

The Advanced Guitar program builds on skills acquired from the Intermediate Guitar Class. This program is performance based. Students will review specific guitar skills from the Intermediate program including finger picking styles, Blues, Classic Rock, and some Jazz Pop Standards. Improvisational skills are developed as students study a variety of guitar scales including major and minor modes along with an increased use of chord shapes and chord vocabulary. Students will be expected to participate in public performances and will be required to attend all related rehearsal and sound checks. Some audio and video selections will be used to help familiarize students with the wide variety of professional guitar styles that are celebrated in both individual and group performance situations. May be repeated for credit.

** List of labs and direct costs available upon request.*

** Refer to Page 2 regarding permissible fees.*

WORLD LANGUAGE

The World speaks French and Spanish!

Graduates today have to compete in a global competitive marketplace that requires a 21st century education and competence in a second world language. The World Language Department offers levels 1-4 and AP in both French and Spanish. In addition, we offer two native Spanish courses, Native 1 and Native 2 that replace Spanish level 1 and 2 for native Spanish speaking students. Levels 1 through 4 develop language and culture competence, and the fifth level AP courses prepare students to take the French and Spanish Advanced Placement Language & Culture Exams. Completion of four courses can lead to the National Seal of Biliteracy at graduation.

Which language should I choose?

Did you know that English, French, and Spanish are the working languages of the United Nations?

There are good reasons to choose either French or Spanish...

French is one of the few languages studied all over the world. There are currently 220 million native French speakers worldwide. French is the official language of 29 countries in the world. The European Union is the United States largest trade partner in the world.

Spanish is the second most spoken language in the United States. There are 400 million native Spanish speakers worldwide. Spanish is the official language of 20 countries in the world. Latin American countries are very important trade partners with the US.

FRENCH 1

Course ID# 251113

SPANISH 1

Course ID# 251313

Open to grades: 9-12

Placement recommendation: Students should have at least "B" grade level work in English.

UC/CSU – Language other than English ("e")

Designed for college-preparatory students. These courses provide students with opportunities to hear, speak, read and write a foreign language as well as gain understanding of foreign cultures.

FRENCH 2

Course ID# 252123

SPANISH 2

Course ID# 252323

Open to grades: 9 - 12

Prerequisite: Successful completion of French 1 or Spanish 1 or Teacher approval

Placement recommendation: A grade of "C" or better in prerequisite coursework.

UC/CSU – Language other than English ("e")

Designed for college-preparatory students. These courses will continue the development of skills introduced in French and Spanish 1 with expansions of vocabulary and continued emphasis on speaking the language. An awareness of grammar is developed through extensive practice. Reading for comprehension is stressed as well as writing for communication. Students also acquire more knowledge of the countries where these languages are spoken and their cultures.

FRENCH 3
SPANISH 3

Course ID# 253133
Course ID# 253333

Open to grades: 9 - 12
Prerequisite: Successful completion of French 2 or Spanish 2 or Teacher approval
Placement recommendation: A grade of "C" or better in prerequisite coursework.
UC/CSU – Language other than English ("e")

Designed for college-preparatory students and others who wish to learn to speak the target language with a greater degree of fluency and accuracy. The primary emphasis in these courses is on oral communication, but the honing of reading and writing skills is also stressed. The courses include class discussions, interviews, spontaneous interpretation, composition and literature. Grammatical principles already introduced are expanded and additional ones are presented as students become ready for them. Vocabulary expansion is also emphasized.

FRENCH 4
SPANISH 4

Course ID# 254143
Course ID# 254343

Open to grades: 10 - 12
Prerequisite: Successful completion of French 3 or Spanish 3 or Teacher approval
Placement recommendation: A grade of "C" or better in prerequisite coursework.
UC/CSU – Language other than English ("e")

Designed for college-preparatory students. These courses will continue to develop within the students the skills which they have already acquired in the language. Emphasis is placed on communication skills including class discussion, interviews and spontaneous interpretations. Written compositions and oral presentations are assigned. Literature serves as a basis for both oral and written work.

AP FRENCH

Course ID# 257163

Open to grades: 10-12
Prerequisite: Successful completion of French 4
Placement recommendation: A grade of "C" or better in prerequisite coursework.
UC/CSU – Language other than English ("e")

Advanced Placement language course designed for university preparatory students who are planning to take the AP exam. The course will continue to develop previous skills in the language with an emphasis placed on grammar as well as on communication. Course work will include discussion, interviews, interpretations, written compositions and oral presentations. Literature serves as a basis for both oral and written work.

AP SPANISH

Course ID# 257363

Open to grades: 10-12
Prerequisite: Successful completion of Spanish 4
Placement recommendation: A grade of "C" or better in prerequisite coursework.
UC/CSU – Language other than English ("e")

Advanced Placement language course designed for university preparatory students who are planning to take the AP exam. The course will continue to develop previous skills in the language with an emphasis placed on grammar as well as on communication. Course work will include discussion, interviews, interpretations, written compositions and oral presentations. Literature serves as a basis for both oral and written work.

NATIVE SPANISH 1 / ESPAÑOL NATIVO 1

Course ID# 251373

Open to grades: 9-12 / Abierto a los grados 9 al 12

Prerequisite: Native-like fluency in Spanish or placement test.

Prerequisito: Nivel nativo de español o un examen de colocación.

UC/CSU- UC/CSU – Language other than English (“e”) / Cumple con los requisitos de admisión a UC/CSU

A college-preparatory class for students with native-like fluency in Spanish and basic language skills who wish to develop and enhance the integrated skills of listening, speaking, reading and writing. Students will also have the opportunity to develop understanding for the Hispanic Culture. Literature/Literacy serves as a basis for both oral and written work.

Una clase pre-universitaria para estudiantes con un nivel nativo de español y con habilidades básicas del idioma que desean desarrollar y mejorar sus habilidades integradas de escuchar, hablar, leer y escribir. Los estudiantes también tendrán la oportunidad de desarrollar un entendimiento y una apreciación por la cultura Hispana. La literatura sirve como una base para el trabajo oral y escrito.

NATIVE SPANISH 2 / ESPAÑOL NATIVO 2

Course ID# 252373

Open to grades: 9-12 / Abierto a los grados 9 al 12

Prerequisite: “C” or better grade in Native Spanish 1 or placement test.

Prerequisito: “C” o mejor nota en Español Nativo 1 o examen de colocación.

UC/CSU- UC/CSU – Language other than English (“e”) / Cumple con los requisitos de admisión a UC/CSU

A college-preparatory class for students who have successfully completed Native Spanish 1 and wish to continue to develop literacy skills at the native level. Literature/Literacy serves as a basis for both oral and written work.

Una clase pre-universitaria para los estudiantes que han completado satisfactoriamente la clase de Español 1 y desean continuar el desarrollo de sus habilidades literarias al nivel nativo. La literatura sirve como una base para el trabajo oral y escrito

STUDENT LEADERSHIP & SERVICE

In addition to offering a variety of CTE pathways, rigorous academic courses, and enriching electives, Roseville High School also offers several courses designed to offer students opportunities to explore service learning and leadership. These courses emphasize school and community involvement, student voice, and peer interactions. Students who participate in these courses have an opportunity to create lasting impacts in the school and community while building their organization, communication, and leadership skills.

PEER HELPING

Course ID# 852453

Open to grades: 9-12

Peer Helping is a leadership course designed to teach the process of helping others. Students are trained to lead and help others through teambuilding, public speaking, peer-counseling & conflict management. Students lead school wide anti-bullying & character workshops along with assemblies on multiple occasions though out the year. Students provide help to others by being available to support them through active listening, conflict management and caring. Students also help Roseville High and our community through “pay it forward” projects and inside-out workshops. Inside-Out Peer Helping is transformational leadership as we see positive transformation in ourselves, in our school and in our community. If you want to know more, go to the Peer Helping link at our school website. This course may be taken Fall and/or Spring and repeated for credit.

LEADERSHIP

Course ID# 851403

Open to grades: 9-12

A course designed to provide students with skills they need to be effective leaders. Students will learn and apply effective intra and inter personal skills, study time/stress management, and understand personality and leadership styles. Students will engage in group dynamics and organizational culture while participating in "real world" experiences. The course is designed to provide students with the leadership skills they need to be actively involved in Student Government, athletics and other co-curricular activities, as well as work experiences and career preparation activities outside of school.

STUDENT GOVERNMENT

Course ID# 851363 (Fall) / 851373 (Spring)

Open to grades: 9-12

Prerequisite: Completed Leadership class or Teacher recommendation along with application and interview

A one-term course for motivated students interested in being involved in school events and activities. This is a required course for students elected to class or ASB office. This course will teach communication, collaborative work, goal setting, budgeting, decision making, and other leadership and interpersonal skills. Students will work together in this class to plan all ASB events, guide school culture, and make decisions that impact the school as a whole. This course does not meet the district social studies graduation requirement, and may be repeated for credit. *Students will need to complete the application and interview process.

RECREATION ADMINISTRATION

Course ID# 514353

Open to grades: 11-12

Prerequisite: Teacher approval

Recreation Administration is designed to teach students leadership, management, and organized skills through the creation and implementation of youth recreational activities. Through instruction via theory, direct instruction, guest lectures, and team building exercises, students will learn how social, emotional, and physical well-being is maintained through participation in a wide variety of recreation activities and sports. Students will learn instructional techniques as well as the specifics of popular community sports. They will design and direct intramural programs during lunch time and after school under the direct supervision of the instructor. They will also undergo thorough training and certification if officiating, first aid, and CPR. Recommended students will then be placed into internships in educational settings or with local recreation programs where they will operate more independently with teacher facilitation.

YEARBOOK

Course ID# 212683 (Fall) / 212693 (Spring)

Open to grades: 9-12

Placement recommendation: Successful completion of English classes with a grade of "C" or better
UC/CSU – Elective ("g")

Designed for general or college-preparatory students with an interest in cataloging school activities in order to produce the school yearbook. Students will learn to use computer software as well as online cloud-based servers and software to write copy and prepare layouts, as well as learn how to conduct interviews and take photographs, all while adhering to strict deadlines. Some after school work is required. Possibility for advancement within the program is available if students choose to take the class for more than one year. Enrollment during both terms is ideal, as students are producing a publication that spans the course of a full year. However, if the student is only able to take the class for one term during the school year, the student must be enrolled during the fall. Course may be repeated for credit.

LIBRARY SCIENCE 1

Course ID# 852613

Prerequisite: No prerequisite. Meeting with teacher before enrolling is highly recommended.

Designed for students to learn the fundamentals of library management and operation. Students will receive training in skills including: library organization, circulation of materials, library promotion and interpersonal skills. They will also complete a curriculum designed to introduce students to research methods, digital resources and information literacy. Self-motivation, dependability and courtesy are emphasized. Please note: Library Science is an academic elective. Students complete course work as assigned in Library Science and earn a letter grade. Students will be evaluated on performance based tests.

LIBRARY SCIENCE 2
LIBRARY SCIENCE 3

Course ID# 852623
Course ID# 852633

Prerequisite: Teacher approval and completion of Library Science 1

Designed to reinforce Library Science 1 skills, including locating resources and the daily operation of a library. This course will refine students' knowledge of research resources and methodology, and will encourage critical thinking. Students will take on greater responsibility in running library promotions and completing high profile projects, such as maintaining the library collection (weeding, inventory) and preparing materials in advance of class visits. Self-motivation, dependability and courtesy are required. Please note: Library Science is an academic elective. Students earn a letter grade and will be evaluated on performance based projects.

STUDENTS TEACHING STUDENTS

Course ID# 754303

Open to grades: 11-12

Application Required; Subject to Approval

This elective is designed for students who wish to build their resume, improve interpersonal skills, and gain experience in facilitating learning. Students work under a teacher's guidance in primarily freshman classes. Activities within the classroom include tutoring, small group instruction, monitoring individual and group work, and teaching whole-class lessons. There are two options from which to choose:

OPTION 1: Student Tutor

Student tutors are facilitators of learning, serving as both coaches and role models in the learning environment. They work in small groups or one-on-one as directed by teachers. Student tutors work on a rotating schedule with several teachers. Student tutors receive weekly specialized training to build tutoring skills when assisting and supporting students. Upon successful completion of this course, students will receive tutor certification.

OPTION 2: Student Intern

These students work specifically with one teacher in one classroom for the term. Interns should have a serious interest and past success in the course for which they are applying. Interns work under the direction and training of the teacher to support student learning.

OFFICE AIDE
COUNSELOR AIDE

Course ID# 703013
Course ID# 703073

Open to grades: 11-12

Application Required; Approval from counselor. Applications available in the Counseling Office.

Prerequisite: Good Student Conduct (Attendance, Passing Grades, No Discipline)

Minimum 2.0 Total Weighted GPA

Seniors Only:

- Completion of Personal Finance by May 31, 2018
- UC/CSU a-g eligible/scheduled. (Pass all a-g courses with "C" grades or better)
- College Career "prepared" <https://www.cde.ca.gov/ta/ac/cm/cci.asp> (see p6)

The above office assistant positions are open to students on a very limited basis. These courses provide students with the opportunity to assume responsible roles while in a supervised job experience. Students will learn office skills, including the use of the telephone and the operation of various office machines (such as copy machines, printers, and FAX). Students will also deliver office messages, run passes, file, sort mail, and help with greeting the public. Confidentiality, dependability, attendance, and a pleasant personal presentation are vital for every student in this program. A maximum of ten credits may be applied toward graduation. Students may only take this course once in a given year and may not take it in conjunction with another aide position. Any violations of school rules may necessitate removal from this position. This course may not be repeated for credit.

Open to grades: 11-12

Application Required; Approval from teacher and counselor. Applications available in the Counseling Office

Prerequisites: Good Student Conduct (Attendance, Passing Grades, No Discipline)

Must have a 3.0 GPA in core course area planning to TA

Minimum 2.0 Total Weighted GPA

Seniors Only:

- Completion of Personal Finance by May 31, 2018
- UC/CSU a-g eligible/scheduled. (Pass all a-g courses with "C" grades or better)
- College Career "prepared" <https://www.cde.ca.gov/ta/ac/cm/cci.asp> (see p6)

Designed to provide the student with an opportunity to communicate subject areas correctly and clearly to others, to take on responsibilities, and to assist the teacher as needed. Emphasis will be on understanding and organizing materials, giving individual instruction to students who have been absent or need help in a given area, aiding substitute teachers, and performing clerical work. A maximum of 10 credits may be applied toward graduation. Students may only take this course once in a given year and may not take it in conjunction with another aide position. This course may not be repeated for credit. Any violations of school rules may necessitate removal from this position

OFF CAMPUS 1ST PERIOD FALL / SPRING

Course ID# 959112 (Fall) / 959212 (Spring)

OFF CAMPUS 4th PERIOD FALL / SPRING

Course ID# 959142 (Fall) / 959242 (Spring)

Open to grades: 12

Prerequisites:

- Completion of Personal Finance by May 31, 2018
- UC/CSU a-g eligible/scheduled. (Pass all a-g courses with "C" grades or better)
- College Career "prepared" <https://www.cde.ca.gov/ta/ac/cm/cci.asp> (see p6)

CTEWORKS – Placer County Office of Education

WHAT IS CTEWORKS?

CTE WORKS provides an opportunity to explore future career opportunities while mastering the necessary skills needed for college, advanced training, or positions in business and industry. Classroom instruction by industry experienced instructors and supervised hands-on training in a laboratory setting or training sites combines academic knowledge with new technical skills to *increase career AND college readiness.*

- Available for high school seniors, juniors, and qualifying sophomores.
- Select classes require a training site (called “community classroom” courses).
- Many classes are taught entirely in-classroom.
- Classes vary in length, from a 1 to 3-hour class/training periods per day.
- Classes may be taken within the student’s regular class day or during a period of time that extends outside the regular school day.
- Students must be able to provide their own transportation to training sites and to classes held at locations other than the student’s campus.
- In order to receive a Certificate of Completion, the student must complete the course with at least 95% attendance, a grade of C or better, and master 80% of the core competencies.
- Most classes only accept students in the fall semester.

CTEWORKS PROVIDES...

- Preparation for post-secondary education and/or training.
- Valuable hands-on experience to improve students’ college and career readiness.
- Credit toward high school graduation.
- Many UC-approved courses that meet required a-g guidelines.
- Community college credits in many classes.
- Certificate of Completion.
- Internships at local businesses.

LOCATIONS...

- Various High School Campuses
- CTE WORKS Center in Auburn
- Auburn Fire Station #3 in Auburn

BLENDED INSTRUCTION...

- Courses noted as (Blended Format) split class meetings days between in-class and online.

Note: *All courses are available to 11th and 12th grade students. Sophomore information is provided above.*

For information about any CTEWORKS classes including complete details about courses listed (class times, fees if applicable, and course descriptions) see Mrs. Seider in the Career Center.

CTEWORKS CLASSES AVAILABLE TO ROSEVILLE HIGH SCHOOL STUDENTS

AP COMPUTER SCIENCE A

Course ID# 754993

Class Location: *Roseville HS (Blended format)*

Grade Level: 11-12

Length of Course: Full school year

Internship Included: No

Recommended Preparation: Algebra II (concurrent enrollment or previously completed); Math and computer applications

Prerequisites: Computer Applications/ recommendation of instructor

UC Course Approval: UC "g" (elective)

Parent and Student Orientation: Scheduled for 4/3/2018

Enter the exciting and lucrative world of programming and game development. Make a video game, a virtual pet, and a sound editor (you can hear yourself speak backwards). Explore careers in programming, including the booming world of wireless applications (iOS and Android apps). In preparation for the College Board's AP Computer Science exam, the course emphasizes object-oriented programming methodology with a concentration on problem solving and algorithm development. The course is meant to be the equivalent of a first-semester, college-level course in computer science. Self-discipline is critical to success due to the significant online material and the rigorous academic level.

ARCHITECTURE, CONSTRUCTION, AND ENGINEERING

Course ID# 754383

Class Location: *Granite Bay HS*

Grade Level: 11-12

Length of Course: Full school year

Internship Included: Yes. Self-provided transportation required.

Recommended Preparation: A strong interest in Architecture, Construction, or Engineering. CAD Drafting experience will help, but is not required.

Gain the educational background and practical experience necessary for successful employment in a variety of occupations in the construction field. Learn skills that are in-demand and essential for employment in drafting, carpentry, construction supply, sheet metal, heating and air conditioning, electrical, plumbing, and cabinet making. Course delivery includes classroom and on-the-job training.

DENTAL CAREERS

Course ID# 754773

Class Location: *CTE WORKS Center, Auburn (Blended format)*

Grade Level: 11-12

Length of Course: Full school year

Internship Included: Yes. Self-provided transportation required.

Requirements: DOJ Background check, proof of immunizations and negative TB. Please refer to the CTE WORKS website for details.

Recommended Preparation: Biology and/or Life Science

College Articulation: Sierra College

Parent and Student Orientation: Scheduled for 4/10/2018

Experience careers in the dental field with a hands-on study of dental office practices. Learn about industry standards and ethics. Training in dental terminology, anatomy, physiology, disease process, and dental asepsis. Develop in-demand skills in sterilization, 4-6 handed dental assisting, patient care, and front-office techniques. Internships may be located in dental offices/clinics or dental labs.

FIRE SCIENCE CAREERS

Course ID# 754833

Class Location: *Maidu Fire Station #3, Auburn*

Grade Level: 11-12

Length of Course: Full school year

Internship Included: Yes. Self-provided transportation required.

Requirements: Agency-required background questionnaire

Recommended Preparation: Algebra, Geometry and Biology

College Dual Enrollment: Sierra College

Parent and Student Orientation: Scheduled for 4/6/2018

Train for the physically and mentally demanding career of a firefighter, with instruction in fire behavior and extinguishment theory, wild land fire operations, fire protection and safety, and first responder operations. Learn and practice skills used by firefighters such as emergency medical aide, CPR and first aid, and use and maintenance of equipment (hoses and appliances, ground ladders, ropes). Internships will be in local fire stations or at Cal Fire.

HEALTH CAREERS

Course ID# 757730

Class Location: *CTE WORKS Center, Auburn (Blended format), Oakmont HS (Blended format)*

Grade Level: 11-12

Length of Course: Full school year

Internship Included: Yes. Self-provided transportation required.

Recommended Preparation: Biology or Life Science

Requirements: DOJ Background check, proof of immunizations and negative TB. Please refer to the CTE WORKS website for details.

College Articulation: Sierra College.

Graduation Credit: Life Science (PUHSD, WPUUSD, RUSD)

Parent and Student Orientation: Oakmont - Scheduled for 4/4/2018
Auburn – Scheduled for 4/5/2018

In-depth, hands-on instruction in applied anatomy and physiology, disease processes, terminology, standards and ethics, patient care and practices, procedures, vital signs, and CPR for Health Care Providers. Internship opportunities offer cross-training in a wide variety of areas of the hospital and convalescent hospitals, emergency facilities, and outpatient medical settings.

INTEGRATED ANIMAL SCIENCE

Course ID# 754923

Class Location: *Lincoln HS Farm, Lincoln (Blended format)*

Grade Level: 11-12

Length of Course: Full school year.

Internship Included: Yes. Self-provided transportation required.

Recommended Preparation: Biology and Algebra, Animal science, Life Science, Anatomy and Physiology.

Requirements: Proof of immunizations and negative TB. Please refer to the CTE WORKS website for details.

College Articulation: Yuba College.

UC Course Approval: UC "d" (life science)

Parent and Student Orientation: Scheduled for 4/2/2018

Experience the clinical setting of small and large animal health care, through the study of common diseases (pathology), veterinary and diagnostic laboratory procedures, anatomy and physiology, medical and animal terminology, handling and restraint techniques, and client relations and office procedures. Internship opportunities may include veterinary clinics, horse ranches, zoos and exotic animal facilities. Clinical experience at internships may count towards meeting the prerequisite for admission to Veterinary Technician programs and Schools of Veterinary Medicine.

Class Location: *CTE WORKS Center, Auburn (Blended format)*

Grade Level: 11-12

Length of Course: Full school year.

Internship Included: Yes. Self-provided transportation required.

Requirements: DOJ background check, proof of immunizations and negative TB, drug screening. Please refer to the CTEWORKS website for details.

Recommended Preparation: Biology or Life Science, Computer Literacy and Applications and Algebra I

College Articulation: Sierra College

Parent and Student Orientation: Scheduled for 4/9/2018

Prepare for employment as a Clinical Medical Assistant in an office, clinic or health care center. Learn and demonstrate in-demand skills needed to progress to a clinical setting including; vital signs, preparing patients for examinations, collecting specimens, performing diagnostic tests, venipuncture, administration of medication including injections, and pharmacology and electrocardiograms. Additional instruction includes, ethics and liability, therapeutic communication skills, universal precautions, CPR and first aid for Health Care Providers, medical terminology, as well as anatomy and physiology.

College and Career Websites

Local Community Colleges

Sierra College: www.sierracollege.edu
American River College: www.arc.losrios.edu
Cosumnes River College: www.crc.losrios.edu
Sacramento City College: www.scc.losrios.edu

Information for Community College Transfer Students

www.assist.org
<http://admission.universityofcalifornia.edu/>
www2.calstate.edu/apply/transfer

University of California

www.universityofcalifornia.edu

California State University

www.calstate.edu

Independent Colleges

www.aiccu.edu

career tech

www.californiacolleges.edu

College Rankings

<http://colleges.usnews.rankingsandreviews.com/best-colleges>

All Colleges and Universities

www.allaboutcollege.com
www.californiacolleges.edu
www.princetonreview.com
www.collegenet.com
www.campustours.com

College Entrance Exams

www.collegeboard.org (PSAT/SAT/AP)
www.actstudent.org (ACT)

Career Resources

www.californiacolleges.edu
www.collegeboard.org

Financial Aid/Test Prep Websites

- www.fafsa.ed.gov
- www.csac.ca.gov
- www.icanaffordcollege.com
- www.fastweb.com
- www.finaid.org
- www.gocollege.com
- www.salliemae.com
- www.collegeboard.org
- www.scholarships.com
- www.collegeexpress.com
- www.mapping-your-future.org
- www.kaplan.com
- www.princetonreview.com

RHS Guidance Department

If you have any questions, please contact the RHS Counseling office at (916) 782-3753 ext. 3031

Graciela Fernandez – (A-DL) Robyn Pasco – (FE-LA)

Philomena Crone – (LE-RI) Ja son Bradley – (RO-Z)

Jeff Clark – (Special Services Coordinator) Nancy Munoz – (DO-FA; EL & Intervention Counselor)

CLASS CHANGES

The Guidance Department will make class changes based on the following reasons: **obvious schedule errors, class completed through RJUHSD Credit Recovery, incorrect or inappropriate level placement, or incomplete pre-requisite.**

CLASS CHANGE PROCESS

- ❖ **ALL CLASS CHANGES MUST BE COMPLETED DURING THE FIRST WEEK OF A NEW TERM.**
- ❖ If a student/parent has a concern about a class/teacher, the counselor or administrator will recommend the following procedure:
 1. At the first sign of difficulty, the student will contact the teacher. This will make the teacher aware of the student's concerns or frustrations and will facilitate getting additional help from the teacher.
 2. If the student feels he/she has tried the suggestions of the teacher and continues to struggle, a parent conference should be scheduled. Appointments can be scheduled by phone or e-mail for a parent/teacher/student conference, or a parent/teacher/student conference scheduled by the counselor.
 3. If both student and teacher have tried to improve the student's progress in the class, the parents can appeal for administrative action with an assistant principal. The assistant principal will then meet with the parent, student, teacher and counselor to determine if there is anything else that can be done to resolve the conflict in the class.

This process is designed with the intent of placing effort and responsibility with the student. We hope that the parent and teacher conferences will improve communication and promote a more positive learning environment for all students

COURSE WITHDRAWAL POLICY

Course Withdrawal (Drop) Policy – Students will receive a withdrawal (drop) "F" grade if any class is dropped after the first full week of the term. Students will not be allowed to drop required classes (English, PE, Social Studies, etc.).

Only appropriate level changes will be considered following the first full week of each term. Math, Science, or Foreign Language level changes will be considered with a teacher, parent, and student approval only. If no appropriate level change can be made, the only way a student can exit the class is with a withdrawal "F" grade.

Special Education changes will be reviewed on an individual basis.