

2017 – 2018 RUHS Course Catalog

*Courses may not be offered due to insufficient enrollment or budgetary reasons.

CAREER TECHNICAL EDUCATION

7410 INTRODUCTION TO DESIGN (PLTW)
Grades 9-12
Meets UC/CSU “F” Requirement
Year long course

In the first semester, there is a project based curriculum that presents the elements and principles of visual design using the design process established by Project Lead the Way. Projects focus on design factors such as aesthetics, format, geometric shape & form, perspective drawing, scale, proportion, and presentation techniques. Students begin to use computers as a medium/tool for design of project components such as sketching techniques, orthographic drawing, 3D modeling & rendering. Assignment requirements are based on color, form and aesthetics with emphasis on the stages of the design process and critical thinking skills. Class projects in the second semester include toy design, abstract pattern design, architectural model building, poster and brochure design, and design of various products such as a birdfeeders, desktop organizers, and amusement park rides. Design tools will include 3D modeling and other computer software.

7550 PRINCIPLES OF ENGINEERING (PLTW)
Grades 10-12
Meets UC/CSU “G” Requirement
Prerequisite: Grade of “B” or higher in Algebra 1; Intro to Design
Year long course

This is a project-based course that introduces students to the profession of engineering and engineering technology. Students will use practical hands-on experiences to explore various technologies related to manufacturing processes and engineering systems. Students will have the opportunity to analyze, design, and build many different engineering systems relevant to the needs of our global society. This course exposes students to some of the major concepts they will encounter in a post-secondary engineering course of study, and in engineering and high-tech careers.

7560 DIGITAL ELECTRONICS (PLTW)
Grades 9-12
Grades 11-12
Meets UC/CSU “G” Requirement
Prerequisite: Algebra 1
Prerequisite: Geometry; Principles of Engineering
Year long course

Digital Electronics (PLTW) is the foundation of all modern electronic devices. Concepts such as logic gates, flip-flops, binary numbers, Boolean algebra, microprocessors, and basic circuit theory will allow students to become competent in designing, testing, and building their own digital electronic circuits. The course develops the hands on skills of circuit construction as well as the analytical skill of understanding how digital circuits work. The format of the course centers on project and problem based learning, and prepares students for an engineering related major or career.

7570 AP COMPUTER SCIENCE A
Grades 10-12
Meets UC/CSU “G” Requirement
Prerequisite: Grade of “B” or better in Algebra 2
Year long course

The AP Computer Science course is an introductory course in computer science. Because the design and implementation of computer programs to solve problems involve skills that are fundamental to the study of computer science, a large part of the course is built around the development of computer programs that correctly solve a given problem. These programs should be understandable, adaptable, and, when appropriate, reusable. At the same time, the design and implementation of computer programs is used as a context for introducing other important aspects of computer science, including the development and analysis of algorithms, the development and use of fundamental data structures, the study of standard algorithms and typical applications, and the use of logic and formal methods. In addition, the responsible use of these systems is an integral part of the course.

7510 MEDIA ARTS
Grades 9-12
Meets UC/CSU “F” Requirement
Prerequisite: None
Year long course

The Media Arts program focuses on digital design with an emphasis on graphic design and filmmaking. Lessons in theory, criticism, and practice are emphasized. Students explore their own artistic abilities and gain a comprehensive understanding of design in print, digital imaging, and digital video creation. Historical perspectives and social issues are also introduced.

7520 MEDIA ARTS ADVANCED
Grades 10-12
Meets UC/CSU “F” Requirement
Prerequisite: Successful completion of Media Arts
Year long course

The Media Arts Advanced class is designed to build specific skills upon a strong foundation of general knowledge of film and television production. Students learn all aspects of cinematic storytelling, from writing and producing to directing, sound design, cinematography and editing. The program emphasizes exploration of the student filmmaker’s personal creative voice through hands-on filmmaking. Students will create several video projects. Many assignments will air on the school district’s local cable channel and included on the school’s digital yearbook.

6850 INTRODUCTION TO BROADCASTING
Grades 10-12
Meets UC/CSU “G” Requirement
Prerequisite: Teacher approval
Year long course

Introduction to Broadcasting focuses on Video Production and the analysis and practice of newsgathering, production and presentation from a variety of theoretical, philosophical, artistic and historical perspectives. Students will gain a richer understanding of the ideals, limitations, rituals, and routines of the American news media, all while gaining practical experience as television journalists. They will use this form of production to make personal works of art that include the seven principles of design. This course will also focus on the elements of design (color, lines, shapes, tones, textures, and volume).

7440 DIGITAL PHOTO
Grades 10-12
Meets UC/CSU “F” Requirement
Prerequisite: None
Year long course

This course is a practical digital photography class that introduces the beginner to basic and intermediate techniques. The curriculum includes photo grams, pinhole camera, composition, camera operations, history of photography, digital tinting and experimental techniques. Students will also create a portfolio of work for assessment and final grade. It is recommended that students provide their own digital single lens reflex with shutter and aperture controls.

7460 ADVANCED PHOTOGRPHY
Grades 11-12
Meets UC/CSU “F” Requirement
Prerequisite: Digital Photography; teacher approval
Year long course

This class is designed for more independent and self-motivated students who wish to pursue journalistic and fine art aspects of photography. This class will be exclusively digital, so it is highly recommended that students provide their own 35mm single lens reflex with shutter and aperture controls. Most aspects of photography will be covered, including sports, still life, portrait, photo essays, and architectural photography. We will cover the history of photography. There will be writing in the class, including written critiques of work, caption writing, and research about specific photographers.

7420 WEB DESIGN
Grades 9-12
DOES NOT MEET UC/CSU A-G
Year long course
Prerequisite: None

Web Design is a course for students who already have some computer experience, who want to create and design web pages with HTML. In addition, students will be able to design and create unique works of art, take digital pictures and alter those photos.

7430 WEB DESIGN ADV
Grades 10-12
Year long course
Prerequisite: Successful completion of Web Design

This more advanced version of Web Design class allows students to continue on their journey towards professional Web Design. Students often are involved in designing content for the School Website, as well as projects for teachers and sometimes even local businesses. Students will expand their skills in HTML, CSS and general web design, as well as Photoshop (including designing web pages within Photoshop).

7328 WORK EXPERIENCE
Grades 11-12
Semester long course
Prerequisite: None

Work Experience is an online elective class that combines paid employment with classroom instruction. Students attend a class session online once a week at school, and are then available to go to job sites during the remainder of the week. Students must have teacher-approved, legal employment while enrolled in this elective. Course grade and credit are earned by completion of the course requirements. These include accessing the course website weekly, going to the classrooms bi-weekly to drop off paycheck stubs, completing course assignments, submitting required forms and maintaining employment. Students must work a minimum of 10 hours per week. Those who work 20 hours per week can earn 10 credits per semester. Courses can be retaken up to 4 semesters.

CONSUMER AND FAMILY STUDIES

7210 INTRO TO CULINARY ARTS
Grades 9-12
Semester long course
Prerequisite: None

Students will learn the proper and safe use of kitchen equipment, measuring techniques, cooking terms, kitchen sanitation, and healthy nutrition. Weekly cooking labs are included.

7220 BEGINNING CULINARY ARTS
Grades 9-12
Year long course
Prerequisite: None

This course will expand the cooking techniques learned in Intro and explore new techniques used in culinary preparation. Students will learn about the food service/culinary industry.

ELECTIVES NON-DEPARTMENTAL

- 210 AVID GRADE 9**
220 AVID GRADE 10
230 AVID GRADE 11
240 AVID GRADE 12

Prerequisite: Application/Teacher Approval

AVID (Advancement Via Individual Determination) is a six-year college preparatory program serving grades 7-12 for highly motivated students who are serious about their academic futures and wish to attend four-year universities upon high school graduation. AVID is a program designed to serve students “in the middle,” especially those who will be first-generation college students. Candidates apply for the program to be considered for acceptance. Candidates enter AVID with a GPA of 2.0 – 3.5 and SBAC scores within the proficient range.

- 300 ACADEMIC DECATHLON Grades 9-12**
Prerequisite: Teacher Approval
Year long course

This class prepares students for the academic decathlon competition. The competition is comprised of ten events. There are seven multiple choice exams in each of the following subject areas: Art, Economics, Language & Literature, Mathematics, Music, Social Science, and the Super Quiz. The Super Quiz Event includes an oral relay portion in addition to the written exam. Students also take an essay exam and are judged in both speech and interview events.

- 310 ASSOCIATED STUDENT BODY/
STUDENT COUNCIL (ASB)**
Grades 9-12
Prerequisite: Election by student body
Year long course

This class is designed to teach students leadership skills and governing responsibility. These students will lead the student body through activities and ASB fiscal management.

- 320 TEEN COURT: ETHICS AND CIVIC
RESPONSIBILITY**
(5 CREDIT YEAR LONG COURSE)

This course is designed for students who are interested in a profession in Law, or who are interested in fulfilling their civic responsibility in our democratic system of serving jury duty, and will be a companion to Redondo Union’s “Teen Court” program where students run court and serve on court cases here on campus through the Los Angeles County Juvenile Court System to adjudicate Accused Minors from neighboring school districts. Teen Court students work closely w/ judges, lawyers, and the Probation Department, who participate in Redondo Union Teen Court, and who mentor our youth.

- 400 SoCal ROC – OFF CAMPUS Grades 10-12**
Prerequisite: Grades 10-12; 16 years of age

See SoCal ROC catalog.

- 580 COLLEGE & CAREER PREP**
Grade 9

College & Career Prep is a course designed to support students by helping them create and maintain academic goals, explore college and career options, and monitor progress in current courses. The course is designed to provide supplemental instruction in knowledge, skills, and the habits necessary for academic success. This course is intended as a highly individualized support class, with instruction planned to meet the specific needs of each individual student. This course will also provide student organization and study skill support to maintain expectations in current courses and development of skills related to California State Standards.

- 710 EL CAMINO – ON CAMPUS ONLY**
Grades 10-12
Prerequisite: Grades 10-12;
Accepted by ECC

See El Camino College catalog.

ENGLISH LANGUAGE LEARNER

These courses are designed for students learning English as a second language:

1000 ELL 1 Grades 9-12

1010 ELL 2

1020 ELL 3

Year long course

Prerequisite: Placement Test

These English language development classes provide instruction in language acquisition to develop listening, speaking, reading and writing skills in English. Placement based on CELDT scores.

ENGLISH

All students are required to complete a summer reading assignment, which will be collected during the first week of school. Handouts explaining the assignment are available from English teachers or can be obtained in the main office in June. This information is also on www.redondounion.org.

1100 ENGLISH 9 Grade 9
Meets UC/CSU "B" Requirement
Prerequisite: None
Year long course

This college preparatory course is designed to introduce the freshman student to the cultural heritage of the western world through a study of core works, other selected novels, short stories, poetry, drama and mythology. Students will respond to literature through a variety of written assignments and by participating in discussions and presentations.

1170 ENGLISH 9 HONORS Grade 9
Meets UC/CSU "B" Requirement
Prerequisite: Teacher recommendation
Year long course

English 9 Honors is an enriched college preparatory curriculum that includes critical reading of literary works and a wide range of experience with writing, including literary analysis, description/narration, exposition, and research papers. The course seeks to prepare students for English 10 Honors, which is aligned with the 11th grade AP Language and Composition and 12th grade AP Literature and Composition courses.

1200 ENGLISH 10 Grade 10
Meets UC/CSU "B" Requirement
Prerequisite: English 9
Year long course

Students will read and study core and extended works including fiction, non-fiction, drama and poetry. A variety of written assignments, response to literature, and participation in discussions and oral presentations are also required.

1270 ENGLISH 10 HONORS Grade 10
Meets UC/CSU "B" Requirement
Prerequisite: Grade of "A" in Eng 9/"B" in Eng 9 H or teacher rec
Year long course

English 10 honors is an accelerated college preparatory course in which students read and analyze a variety of genres including the novel, short story, drama, poetry, and non-fiction. The focus of this class centers on grammatical, structural and analytical skills that will improve students' writing. This fast-paced and challenging year will prepare students for Advanced Placement English classes in the 11th and 12th grade years.

1300 Critical Approach to Current Issues
Grade 11
Meets UC/CSU “B” Requirement
Prerequisite: English 10
Year long course

This course looks at American novels through a critical eye. Students will closely examine the authors' theme and purpose and tie them to the social, political, and philosophical assumptions that underlie the texts. Students will read outside texts such as essays, newspaper and magazine articles, editorials, and other documents to assist with their understanding of the novels. This is a rhetoric-based English class designed to develop students' expository, analytical, and argumentative reading and writing skills. This course will revolve around ideas and philosophies that have woven a thread through our American history and continue to be topics of concern, controversy and pride. We will explore the changes and evolution over time of topics such as moral corruption, hypocrisy, freedom, pride and the American Dream.

1420 MULTICULTURAL LITERATURE
Grade 11
Meets UC/CSU “B” Requirement
Prerequisite: English 10
Year long course

This course presents a representative work by both American and worldwide authors who illustrate the ethnic and cultural diversity of our global society. Multicultural literature is designed to explain the concepts associated with the major issues that affect cultural diversity in society and will explore human nature and our struggle to cope with the complexities and alternative lifestyles of our socially diverse society and environment. Students will work with a variety of literature, read about and discuss themes such as #BlackLivesMatter, Syrian Refugee Crisis, Asian Representation in the Media, Latino and Chicano Experiences, Autism, Sexuality, Religion and Spirituality.

1450 SPEECH & ARGUMENT
THROUGH AMERICAN LITERATURE
Grade 11
Meets UC/CSU “B” Requirement
Prerequisite: English 10
Year long course

This course engages students in a variety of writing, reading and discussion and includes activities such as: Mock Trials—taking on the guise of lawyers, characters, or witnesses from actual court cases to help practice building an argument. Tournament Speech and Debate—Students debate topics that they choose. They practice the elements of argumentative writing, but in the form of public speaking. They work with debate partners, and winning teams have bragging rights for the rest of the semester. Oral Interpretation--Think, Slam Poetry, but with a 20th Century American poet twist. Individual, partner, and group presentations/speeches—Students write speeches meant to inspire, entertain, and inform. Every student who leaves this class at the end of the year becomes an expert at speaking in front of others. They bloom into the intelligent, creative, capable adults that have always existed inside.

1440 CREATIVE & COLLEGE WRITING
Grade 11
Meets UC/CSU “B” Requirement
Prerequisite: English 10
Year long course

In Creative and College Writing, students will read contemporary and classic authors chosen for their varied perspectives which reflect our diverse world. This student-centered class focuses on Socratic seminar for close reading and writer's workshop for student writing. In Creative and College Writing students will acquire the critical reading and essay writing skills required of college freshmen, while also exploring your creative side by writing poems, short stories, reflections, and descriptions. Students will read poetry, short stories, essays, novels, and plays to inspire your own creativity. The course literature explores ideas such as identity, heritage, courage, jealousy, revenge, hypocrisy, acceptance, love, and betrayal.

1456/1458 NOIR LITERATURE OF LOS ANGELES/LITERATURE OF THE 1980s

Grade 11

Meets UC/CSU "B" Requirement

Prerequisite: English 10

One semester each course

1980's Literature

A semester seminar that includes two novels and a play written in and about that decade. Each is set in a different major American city (New York, Los Angeles, and Chicago, respectively), and each delves into the positive and negative aspects of living in the 1980's. This includes excessive spending, excessive partying, and generally feeling as though one could "have it all".

Noir Literature

A semester seminar concerning the dark side of fame and fortune. From the "anything goes" attitude of the 1920's to the Great Depression of the 1930's to the post-World War II rebuilding years of the 1940's, escapism was key and crime was rampant.

1380 AP LANGUAGE AND COMP Grade 11
Meets UC/CSU "B" Requirement
Prerequisite: Grade of "A" in Eng 10/"B" in Eng 10 H or teacher rec
Year long course

This course combines the study of American literature with preparation for the AP Language and Composition Exam. This course encourages students to engage in the rich American experience by reading a variety of classics, ranging from fiction to non-fiction prose spanning the 17th to the 21st century. Instruction will also focus on the craft of writing, examining how devices such as diction, imagery, syntax, organization, and tone, argumentative, and visual appeals convey a writer's purpose.

1400 Heroes & Villains: Through the Ages
Grade 12

Meets UC/CSU "B" Requirement

Prerequisite: English 11

Year long course

In Heroes and Villains through the Ages, you will explore the ageless battle of good versus evil in literature through various historical periods. You will read novels and plays, as well as poetry and short stories, as you develop the critical reading and writing skills required of college freshmen. You will read adventure, science fiction, witty satire and discuss various philosophies about human purpose. The course explores ideas such as identity, courage, jealousy, revenge, hypocrisy, love, and betrayal. Using both historical and contemporary texts, you will explore how these ideas have evolved through the ages and together we will make predictions about how they will change in the future.

1410 RULA: UNDERSTANDING CULTURE THROUGH LITERATURE & DESIGN (RULA: LIT BY DESIGN AB)

Grade 12

Meets UC/CSU "B" Requirement

Prerequisite: English 11

Year long course

Grade 11

Are you Los Angeles? This class gives you real-life, authentic reasons to read and write. In this class you will spend first semester learning all about the culture of Los Angeles -- its cities, its neighborhoods, and its people. It is a city that has complex histories and perspectives for a place notorious for superficiality. Part of LA's rich history is its diversity, and with that diversity comes a plethora of problems that revolve around culture, or the misunderstandings about culture. Second semester you will take all that learning and engage in the design thinking process to identify a problem you see in Los Angeles. Then, you and your teammates will research, design, and implement a solution to that problem in your own unique project. Who better to address the cultural problems of LA than the next generation of adults who will live here? Let your ideas and voice make a difference to the people of Los Angeles.

1430 FILM CRITICISM & THEORY Grade 12
Meets UC/CSU “B”
Requirement Prerequisite: English 11;
Study of Film Recommended
Year long course

Film Criticism and Theory focuses on critical writing amid the study of cinema as a textual medium, and critical readings of influential film reviews (both academic and pop culture reviews), essays, and theories that influence film spectatorship and film criticism. In essence, students will learn how to “read” a film during their understanding of theory. Students will develop critical tools in evaluating and analyzing films while taking into account various film genres, film movements, the film’s social historical and cultural influences, film language/narrative, and film aestheticism. Throughout the course students will engage in various types of writing including theoretical/critical essay, screening report, film review, and film synthesis and argument research paper.

1470 LIT OF SELF & SOCIETY Grade 12
Meets UC/CSU “B” Requirement
Prerequisite: English 11;
Year long course

This course explores the depths of the human condition, both in what divides us and in what connects us. It is a course that will encourage and create opportunity for students to be both introspective and objective as they read, write and discuss about the search for personal identity, complexity of relationships, community and societal issues and truths and eventually exploring philosophy and purpose. This course will help to refine students’ abilities to communicate effectively through written and oral formats. Activities and discussions will be introduced to expose students to novels, short fiction, poetry, and essays that explore the human condition and contemporary issues. Students will learn to read, write and discuss in preparation for collegiate level English classes.

1480 AP LITERATURE AND COMP Grade 12
Meets UC/CSU “B”
Requirement Prerequisite: Grade of “A” in
Eng 11/“B” in AP Lang or teacher rec/Grade of
“A” in Exp Reading & Writing or teacher rec
Year long course

This course combines the study of world literature with preparation for the AP Literature Exam. Students will analyze the style and structure of classical works of literature. The course and emphasizes literary analysis and response, reading comprehension and word analysis using writing strategies and applications.

1490 EXPOSITORY READING & WRITING 12
Meets UC/CSU “B” Requirement
Prerequisite: English 11
Year long course

In this course students will learn strategies for in-depth reading of nonfiction texts, analyze each writer’s use of rhetoric, discuss the issues presented, and write argumentative essays. Modules are organized around topics like racial profiling, juvenile justice, the value of human life, how culture influences identity, gender and language, and what it takes to be successful after high school. Students in the class will be exposed to a multitude of opinions on important issues, and should be willing to respectfully voice their own views and join the conversation. This course will help expose students to the kinds of reading and writing they will be expected to do in college.

1920 JOURNALISM ADVANCED
Grades 10-12
Meets UC/CSU “G” Requirement
Prerequisite: Teacher recommendation
Year long course

Students in Advanced Journalism learn the basics of interviewing, news writing, feature writing, and opinion writing. The students then apply this knowledge in the production of the school newspaper, *High Tide*. Students also have the opportunity to learn photography and page editing.

1930 YEARBOOK Grade 10-12
Prerequisite: Teacher recommendation
Year long course

Students in Yearbook learn design and page layout basics, feature writing, photography and page layout programs in order to produce *The Pilot*, the school yearbook

MATHEMATICS

4100 CC ALGEBRA 1 Grades 9-12
Meets UC/CSU “C” Requirement
Prerequisite: None
Year long course

Algebra 1 emphasizes problem solving through the use of variables, equations, graphing, and systems. Other topics include integers, formulas, linear and quadratic equations, factoring, square roots and radicals.

4110 INTEGRATED ALGEBRA & GEOMETRY
Grades 10-11
Year long course
Prerequisite: None

Integrated Algebra & Geometry is an elective course to better prepare students for Geometry, Algebra 2 MCR, or Algebra 2. The course will cover Common Core Standards for Mathematics High School which includes Number and Quantity, Algebra, Functions, and Geometry. Integrated Algebra & Geometry course is designed to help students that struggled in the second semester of Algebra 1, with an introduction of basic Geometry topics. Students will cover the Common Core Standards for Mathematics High School for Number and Quantity, Algebra, and Functions for Quarters 1 – 3 of the school year and the Common Core Standards for Mathematics High School – Geometry for Quarter 4. Please note that this is an elective course and does NOT provide math credit for graduation or UC/CSU.

4200 CC GEOMETRY Grades 9-12
Meets UC/CSU “C” Requirement
Prerequisite: Successful completion of Algebra 1
Year long course

This course includes the presentation of basic geometric concepts, postulates, theorems, formal proof, congruency, lines and angles, polygons and circles. Skills to be developed are the understanding and ability to use deductive proof, the logical approach to solving practical problems, and awareness and appreciation of geometry in the environment.

4300 CC ALGEBRA 2 Grades 9-12
Meets UC/CSU “C” Requirement
Prerequisite: Successful completion of Geometry
Year long course

Algebra 2 stresses problem solving and applications. The course includes Linear Equations and Functions, Linear Inequalities, Systems of Linear Equations and Inequalities, Matrices, Quadratic Functions and Factoring, Quadratic Equations and Systems of Quadratics, Polynomial Functions, Rational Exponents and Radical Functions, Exponential Functions, Logarithmic Functions, Rational Expressions, Conics, Probability, Sequences and Series, and Standard Deviation. The TI 83/TI 84 graphing calculator will be used extensively throughout this course.

4310 ALGEBRA 2 Online Grades 10-12
Meets UC/CSU “C” Requirement
Prerequisite: Successful completion of Geometry
Year long course

This course contains the same content as Algebra 2. However, it will be taught in a hybrid format, where students attend weekly classroom sessions and learn independently through an online format.

4400 ALGEBRA 2 MCR
(MEETS COLLEGE REQUIREMENTS)
Grades 11-12
Meets UC/CSU “C” Requirement
Prerequisite: Successful completion of Geometry
Year long course

Algebra 2 MCR is a one year course for college-bound students who do not intend to major in engineering, math, or science. Intermediate Algebra moves at a steady pace through the CA state standards of Algebra 2. Topics include Linear Equations and Functions, Linear Inequalities, Systems of Linear Equations and Inequalities, Quadratic Functions and Factoring, Quadratic Equations, Polynomial Functions, Rational Exponents and Radical Functions, Exponential Functions, Logarithmic Functions, Rational Expressions, Conics, Probability, Sequences and Series, and Standard Deviation. This course does not satisfy the prerequisite for PreCalc/Trig, but a student successfully completing this course qualifies for Math FTS or AP Statistics. The TI 83/TI 84 graphing calculator will be used extensively in this course.

4500 PRE-CALCULUS/TRIGONOMETRY
Grades 10-12
Meets UC/CSU "C" Requirement
Prerequisite: Successful completion of Algebra 2
Year long course

Pre-calculus emphasizes the study of functions and their graphs, including polynomial, rational, exponential and logarithmic functions. Trigonometry pertains to the study of trigonometric functions, their use in the solution of right and oblique triangles, and general theory of trigonometric relations. The TI-83/TI-84 graphing calculator will be used extensively in this course.

4600 FUNCTIONS, TRIGONOMETRY, & STATISTICS
Meets UC/CSU "C" Requirement
Prerequisite: Successful completion of Alg 2 (MCR)
Year long course

Functions, Trigonometry, and Statistics is a college preparatory course designed to emphasize computational skills, critical thinking, and problem-solving strategies. The course will cover topics predominantly from the California Content Standards strands of Algebra 2, Trigonometry, and Probability and Statistics. Topics include Linear and Quadratic Equations and Inequalities; Absolute Value Equations and Inequalities; Graphs of Lines, Circles, Polynomials, and Piecewise Functions; Transformations of Functions and their Graphs; Right Triangle and Unit Circle Trigonometry; Trigonometric Functions and their Graphs; Trigonometric Identities; Law of Sines, and Cosines; Exponential, Logarithmic, Polynomial, and Rational Functions; Combinations, Permutations, and Probability; Central Tendency, Dispersion, and Normal Distribution; Systems of Linear and Non-Linear Equations; Systems of Linear and Non-Linear Inequalities; and Linear Programming.

4780 AP CALCULUS AB **Grades 11-12**
Meets UC/CSU "C"
Requirement Prerequisite: Grade of "C" or better in Pre-Calc/Trig
Year long course

This course is a one-year course in college level calculus and will follow the guidelines published by the College Board. Students are required to take the Advanced Placement examination in calculus at the end of the year. Topics include algebraic, trigonometric, exponential, logarithmic functions and their inverses, derivatives, integrals and applications of both and limits. The TI-83/TI-84 graphing calculator will be used extensively throughout this course.

4790 AP CALCULUS BC **Grades 11-12**
Meets UC/CSU "C" Requirement
Prerequisite: Grade of "C" or better in AP Calc AB
Year long course

The AP Calculus BC curriculum will follow the guidelines published by the College Board. Students are required to take the Advanced Placement examination in calculus at the end of the year. It will review topics from AP Calculus AB regarding differential and integral calculus. It will also cover the following topics: Parametric, polar, and vector functions, Euler's Method, L'Hospital's Rule, Integration by substitution, Logistic differential equations, Polynomial Approximations, Series, including series of constants, Taylor series, and Maclaurin series.

4690 STATISTICS **Grades 12**
Meets UC/CSU "C"
Requirement Prerequisite: Grade of "C" or better in Alg 2/FTS
Year long course

Students will use graphical and numerical techniques to study patterns and departures from patterns in data; learn how to develop a plan for data collection; use probability to anticipate expected distributions; develop a model; use inferential techniques for testing hypotheses or estimating with confidence; and make statements about the reasonableness of their conclusions. There is an emphasis in this course on working with data from in-class experiments, science courses, the census, and other resources. Students will read articles from newspapers, magazines, journals and books to learn about the application and misapplication of statistics.

4680 AP STATISTICS **Grades 11-12**
Meets UC/CSU "C"
Requirement Prerequisite: Grade of "C" or better in PC/Trig; Grade of "B" or better in Alg 2 or FTS
Year long course

This is a one-year course that is equivalent to a college course in introductory statistics. Students are required to take the Advanced Placement Examination in statistics at the end of the year. Topics include descriptive statistics, experimental design, probability, and statistical inference. The TI-83/TI-84 Graphing Calculator is used extensively in the course.

MARINE CORPS JROTC

9910 Leadership Education 1 **Grades 9-12**
9920 Leadership Education 2

Prerequisite: None

9930 Leadership Education 3

9940 Leadership Education 4

9950 Leadership Administration
Year long course

Leadership Education is a course of instruction designed to instill a value of citizenship, service to the United States, personal responsibility, and a sense of accomplishment. It does not seek any particular commitment to the military. The objectives of

Leadership Education are to: develop informed and responsible citizens, improve leadership skills, build character, teach the elements and requirements for national security, stress discipline, increase respect for authority, and enlighten students to possible career and educational choices. Students may enroll in the four-year curriculum at any time while enrolled at RUHS. Students enrolled in this course will receive instruction in leadership, drill and ceremonies, physical training, marksmanship (air rifle), personal development, community service, and public speaking. Students will be assisted in obtaining college ROTC scholarships, if desired.

SCIENCE

3180 ENVIRONMENTAL SCIENCE AP
Grades 11-12
Meets UC/CSU “D” Requirement
Prerequisite: Grade of “C” or better in Biology H/ Grade of “B” or better in Biology & Chemistry
Year long course

Advancement Placement Environmental Science is one of the newest and most diverse courses offered by the College Board. This laboratory science course has elements from a number of disciplines. The main focus covers the physical and life sciences, but there are also aspects from earth science, economics, geography, geology, law, and sociology. Environmental Science covers many current environmental topics such as human population growth, water and air pollution, soil erosion, fossil fuel usage, global warming, and the hole in the ozone layer.

3200 BIOLOGY **Grade 9**
Meets UC/CSU “D” Requirement
Prerequisite: None
Year long course

Biology is the study of living things, both plant and animal. Emphasis is placed on the development of critical thinking by using the scientific method and laboratory activities. As an integral part of the course, students will learn their responsibility to the environment.

3270 BIOLOGY HONORS **Grade 9**
Meets UC/CSU “D” Requirement
Prerequisite: “A” in science 8 & “A” in CC Math 8 or “A” in CC Algebra 1
Year long course

Biology Honors is a life science course that offers a rigorous curriculum for hardworking students who wish to ultimately pursue advanced placement science classes. Above average study and critical thinking skills are necessary for success.

3280 BIOLOGY AP **Grades 11-12**
Meets UC/CSU “D” Requirement
Prerequisite: Grade of “C” or better in Bio H & Chem H; Grade of “B” or better in Biology (“A” recommended) & Chemistry
Year long course

An Advanced Placement Biology course seeks to meet the objectives of general biology courses at the college level, and is designed to prepare the college bound student for the advanced placement exam for college credit in Biology. The course emphasizes three areas: Molecular and Cellular, Organisms and Populations.

3900 GEOSCIENCE **Grades 10-12**
Meets UC/CSU “G” Requirement
Prerequisite: Successful completion of Biology/Algebra 1
Year long course

This course aims to develop our students’ understanding of the forces that affect life on Earth; the tectonic forces that cause earthquakes and are part of the lives of Southern Californians and how this is connected to forces at work in other parts of the world. This knowledge helps students understand the changes on Earth in the past and forecast potential changes in the future. It highlights wo/man’s role in changing the Earth. It shows how the Earth provides resources that make life as we know it possible. It showcases some of the technology that allows us to study the Earth and teaches students to critically analyze evidence, all while teaching the fundamental theories of geology, astronomy, meteorology and oceanography.

3300 CHEMISTRY **Grades 10-12**
Meets UC/CSU “D” Requirement
Prerequisite: Concurrent enrollment in Geometry CC or completion of Geometry CC with grade of B or better. Completion of Algebra I CC with grade of B or better.
Year long course

Chemistry, a physical science, is the study of matter and the changes it undergoes, both quantitatively and qualitatively. Emphasis is placed on the development of critical thinking by using the scientific method and

laboratory activities. The course is designed to prepare the student for an introductory college chemistry course.

3370 CHEMISTRY HONORS Grades 10-12
Meets UC/CSU "D" Requirement
Prerequisite: Concurrent enrollment in Geometry CC or completion of Geometry CC with grade of B or better. Completion of Algebra I CC with grade of A. Completion of Biology H with grade of B, A recommended or completion of Biology CP with grade of A.
Year long course

Chemistry, a physical science, is the study of matter and the changes it undergoes, both quantitatively and qualitatively. Emphasis is placed on the development of critical thinking by using the scientific method and laboratory activities. This course is most challenging and recommended for those students planning to take advanced placement science classes.

3380 CHEMISTRY AP Grades 11-12
Meets UC/CSU "D" Requirement
Prerequisite: Grade of "C" or better in Chem H & Algebra 2; Grade of "B" or better in Chemistry
Year long course

An Advanced Placement Chemistry course in the secondary school seeks to meet the objectives of general chemistry courses at the college level, and is designed to prepare the college bound student for the Advanced Placement Examination for college credit in chemistry. The course is both quantitative and qualitative with emphasis on: bonding, solutions, kinetics, equilibrium, thermo chemistry and electrochemistry. High standards are maintained to strengthen problem-solving abilities and to meet the College Board requirements.

3400 PHYSICS Grades 11-12
Meets UC/CSU "D" Requirement
Prerequisites: Successful completion of Chemistry & Alg 2; Concurrent enrollment in Pre-Calc/Trig or higher
Year long course

Physics students will be involved in explaining observations of the daily world through discussion of principles and experimentation in the laboratory. This course is designed to prepare the college bound student for an introductory college physics course. The course emphasizes the scientific method, observation, formulation, experimentation, and interpretation. This course consists of six major areas: mechanics, energy, electricity, magnetism, light, and nuclear physics. This is designated a lab science.

3480 PHYSICS I AP Grades 11-12
Meets UC/CSU "D" Requirement
Prerequisite: Grade of "C" or better in Pre-Calc/Trig & Chem H; Grade of "B" or better in Chemistry
Year long course

Advanced Placement Physics I provides a systematic introduction to the main principles of physics and emphasizes the development of problem solving skills and critical thinking. Topics of study will include Newtonian Mechanics, Thermodynamics, Fluid Mechanics, Electricity & Magnetism, Waves & Optics, and Atomic & Nuclear Physics.

3500 PHYSIOLOGY Grades 11-12
Meets UC/CSU "D" Requirement
Prerequisite: Successful completion of Biology
Year long course

Physiology is a lab science that deals with the function of the human body. The course content is organized according to levels of increasing complexity, with emphasis on the complimentary nature of body structure and function, homeostatic regulating mechanism, and important metabolic processes. This course involves dissection of lab specimens. *(Meets Health Requirement)*

3602 HEALTH Grades 9-12
Semester long course (Grad Requirement)

Topics include: health and wellness; self-esteem and mental health; nutrition, fitness, sex education; use of tobacco, drugs and alcohol. Meets high school Health graduation requirement.

7540 PRINCIPLES OF BIOMEDICAL SCIENCES (PLTW) Grades 9-10
Meets UC/CSU "D" Requirement
Prerequisite: Successful completion/concurrent enrollment in Bio
Year long course

This course provides an introduction to the biomedical sciences. Students will investigate human body systems and various health conditions. The course is designed to provide an overview of all the courses in the Biomedical Sciences (BMS) program and lay the scientific foundation for subsequent courses.

3910 HUMAN BODY SYSTEMS (PLTW)
Grades 10-12
Meets UC/CSU “D” Requirement
Prerequisite: Biology and Prin. of Biomedical Sciences
Year long course

Students examine the interactions of body systems as they explore identity, communication, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal manikin, work through interesting real world cases and often play the role of biomedical professionals to solve medical mysteries.

3920 MEDICAL INTERVENTIONS (PLTW)
Grades 11-12
Meets UC/CSU “D” Requirement
Prerequisite: Biology, PBS, and Human Body Systems
Year long course

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

3930 BIOMEDICAL INNOVATIONS Grade 12
Meets UC/CSU “D” Requirement
Prerequisite: Successful Completion Medical Interventions
Year long course

In the final course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They have the opportunity to work on an independent design project with a mentor or advisor from a university, medical facility, or research institution.

SOCIAL SCIENCE

2200 MODERN WORLD HISTORY
Meets UC/CSU "A" Requirement
Year long course

This required course begins with the influences of religion, the Judeo-Christian ethic as well as Greco-Roman philosophies and achievements. The course covers revolutions in England, America and France as well as the Industrial Revolution in several nations. Students also study WWI, II, The Cold War, governmental systems and nation building in the contemporary world. The entire curriculum is enriched with culture, art and geography through any and all technology, primary resources and additional sources.

2210 THE OTHER SIDE OF HISTORY
Meets UC/CSU "A" Requirement: MODERN WORLD HISTORY

This course meets world history graduation requirements as well as introduces a multicultural approach to Modern World History. The Other Side of History introduces students to history behind contemporary events in Latin America, Asia, Africa and Eastern Europe. The course takes a comparative approach. To understand organized crime, students draw lessons from the Japanese Yakuza, the Italian N'Draghata, and the Mexico's Juárez drug cartel. To debate immigration, students contrast North Africans in Parisian banueilles, Zimbabweans in Johannesburg, and Central Americans in Los Angeles. To think about globalization, students investigate the Bollywood film industry (Mumbai), K-pop production studios (South Korea), and the International Book Festival (Guadalajara). To understand economic innovation, it's off to Spain (the Mondragon cooperative movement), Bangladesh (micro-lending), Peru (the "titling" movement), Brazil (the Landless Peasants Movement) and the hyper-capitalist city-states of Dubai and Singapore.

2230 WORLD HISTORY: A STUDY OF REVOLUTIONS (WORLD REVOLUTIONS NAB)
Grade 10 Meets UC/CSU "A" Requirement
Prerequisite: Grade of "B" or better in English 9 Grade of "C" or better in English 9 Honors
Year long course

This course is a chronological study of World History from the Enlightenment to the 2000s, chunking the course into three categories: Revolution in Thought (1700s-1850), Revolution in Control (1850-1939), and Revolution in Democracy (1939- mid 2000s). The course will focus on political and economic changes of nations and people, with a focus on geography, art and technological history. The class emphasizes the development of problem solving/analytical skills. Film footage, extensive writing and research as well as readings from original source documents support the materials and issues presented.

2280 AP EUROPEAN HISTORY **Grade 10**
Meets UC/CSU "A"
Requirement Prerequisite: Grade of "B" or better in English 9 Grade of "C" or better in English 9 Honors
Year long course

This course meets world history graduation requirements as well as prepares students for the Advanced Placement examination in European History. The Advanced Placement Program in European History is designed to help provide students with the analytical skills and knowledge needed to understand major historical concepts, facts and personalities, and historical analysis of document-based questions. Students will be expected to demonstrate knowledge of the basic chronology and major events and trends from the Renaissance to the present on the national exam.

2300 US HISTORY **Grade 11**
Meets UC/CSU “A” Requirement
Prerequisite: None
Year long course

The course in United States History is a requirement of all students who graduate from California high schools and must be taken in the 11th grade. This course covers the history of our country from its beginning to the present day with special emphasis on the events of the 20th century. Students are familiarized with events that show how we have come to be what we are today in terms of territorial growth, political and economic development. Focus is placed upon developing a framework of values and ideals that give students an appreciation of the responsibilities for the heritage of every citizen.

2310 US HISTORY THROUGH THE ARTS
Grade 11
Meets UC/CSU “A” Requirement
Prerequisite: None
Year long course

This course explores United States history beginning with the Civil War and continuing to the present. Thematic concepts and content will be introduced using arts, literature and music. Witnessing history through this integrated approach will be accomplished by looking at biographies, primary documents, popular music and periods of American art and literature.

2320 RACE & SOCIAL JUSTICE THROUGH US HISTORY
(US HIST SOCIAL JUSTICE AB)
Grade 11
Meets UC/CSU “A” Requirement
Prerequisite: None
Year long course

The Race and Social Justice course covers the history of the United States from Pre-Revolutionary period to the present day. The course is thematically designed to focus on Native Americans', African Americans', Hispanic Americans' and Asian Americans' experiences and roles throughout the history of the United States. Students will master analytical skills and factual knowledge necessary to deal critically with the problems and material of United States history. Students will learn to assess historical documents and artifacts - their relevance to a given interpretive problem, their reliability, and their importance - and to weigh the evidence and interpretations presented to them.

2380 AP UNITED STATES HISTORY
Meets UC/CSU “A” Requirement
Prerequisite: Grade of “B” or higher in Mod World History; Grade of “C” or higher in AP European History
Year long course

The Advanced Placement Program in United States History is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and material of United States history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by introductory college courses. Students should learn to assess historical materials - their relevance to a given interpretive problem, their reliability, and their importance - and to weigh the evidence and interpretations presented in historical scholarship.

2400 GOVERNMENT **Grade 12**
Meets UC/CSU “A” Requirement
Prerequisite: None
Semester long course

This semester course compares the various philosophies of government, such as Socialism, Fascism, and Communism with a democracy whose organization is then examined at the state and local levels, including the three branches: executive, legislative and judicial.

2480 AP GOVERNMENT **Grade 12**
Meets UC/CSU “A” Requirement
Prerequisite: Grade of “B” or higher in US History; Grade of “C” or higher in AP US History
Semester long course

This college-level course is an introduction to the U.S. national government. Students will study government institutions and political processes and examine policy choices. The institutions and policies of the U.S. government will be considered in light of historical change, constitutional procedures and comparative perspectives. This semester course prepares students for the Advanced Placement Examination in U.S. Government.

2405 ECONOMICS **Grade 12**
Meets UC/CSU “G” Requirement
Prerequisite: None
Semester long course

This semester course develops an awareness of economic principles and theories, presenting ideas and developing them logically. The course emphasizes Micro and Macroeconomics. Economics will enable students to have an understanding of inflation and recession, banking, investments, foreign policies, and comparative economic systems.

2485 AP MACROECONOMICS **Grade 12**
Meets UC/CSU “G” Requirement
Prerequisite: Grade of “B” or higher in US History; Grade of “C” or higher in AP US History
Semester long course

This is a one semester, college-level course in macroeconomics, prepares students for the AP Exam. In this course, students will be able to demonstrate understanding of basic economic concepts, measurements of economic performance, national income and price determination, the financial sector, inflation, unemployment and stabilization policies, economic growth and productivity, and open economy. Students will be asked to evaluate economic decisions made by policymakers throughout the class, using the information from the course to support your assessment. Graphing will be a large part of the class. Students will be expected to create, interpret, label and analyze economic graphs, charts and data for each unit.

2500 PSYCHOLOGY **Grades 11-12**
Meets UC/CSU “G” Requirement
Prerequisite: None
Year long course

This year long course has two primary objectives. First, it gives students an opportunity to explore a major important academic discipline. Students learn the basic principles and theories that serve as a foundation for further study in Psychology. Second, the course provides experiences that help students develop a greater awareness of their own capacity for growth as a human being. Structured activities help students learn to replace self-defeating behaviors with healthy, productive ways of coping with problems. In addition, the Psychology course also helps students build a useful frame of reference for reading and study in other fields that require knowledge of human behavior.

2580 AP PSYCHOLOGY **Grades 11-12**
Meets UC/CSU “G” Requirement
Prerequisite: Grade of “B” or better in previous CP course; Grade of “C” or higher in previous AP course
Year long course

AP Psychology is a college level course designed to introduce the students to the systematic study of human behavior and experience through study of the major perspectives in this field. Students will gain an understanding of the methods used in development and verification of these theories based on human and animal behavior. The course is designed to prepare the student for the Advanced Placement Examination in Psychology.

SPECIAL EDUCATION

1103 INTENSIVE READING 9
Meets UC/CSU "B" Requirement

1109 READ 180
Year long courses

Intensive English 9/Read 180 is a year long, two period course that blends a California standards-based English Language Arts curriculum with support for struggling readers. It is actually a two-period "block" course, with a successful student earning 20 credits for the year-long program. It is meant to be taken by qualifying Special Education students in lieu of the English 9 CP stand-alone course. By combining the Scholastic Read 180 program with its individualized software, large and small group instruction, engaging text, detailed assessment and reporting tools with core literature and California writing standards for grade 9, the goal is for struggling readers to experience early literacy success at the high school level. Core novels have been chosen from the California 9th Grade English Language Arts Recommended Reading List. The selection of novels and other works increase in difficulty as the student progresses through each unit.

1203 FOUNDATIONS OF ENGLISH 10
1303 FOUNDATIONS OF ENGLISH 11
1403 FOUNDATIONS OF ENGLISH 12
Year long course

Foundations Courses DO NOT Meets UC/CSU Requirement

The course curriculum is based on the California English Language Arts Standards with modifications to content for students with learning and reading disabilities needing a small group setting.

3203 FOUNDATIONS OF BIOLOGY Grades 9
Year long course
DOES NOT Meets UC/CSU Requirement

The course curriculum is based on California Science Standards with modifications to content for students with learning and reading disabilities needing a small group setting.

3390 FOUNDATIONS OF Physics & Chemistry
Grades 10-12 Grade 9
Year long course
Prerequisite: Foundations of Biology & Algebra A-B
DOES NOT Meets UC/CSU Requirement

This course will meet the 2nd year "Physical Science" requirement for graduation w/ a diploma for Sp. Ed. students who need additional supports and services for successful acquisition of science concepts. Students will participate in introductory activities and lessons.

3610 Foundations of Health A/B Grades 9-12
Year long course
Prerequisite: None

This is a modified course where students learn about health and wellness; self-esteem and mental health; nutrition, fitness, sex education; use of tobacco, drugs and alcohol; and basics of First Aid and CPR. Meets Health graduation requirement.

2203 FOUNDATIONS OF MOD. WORLD HISTORY

2303 FOUNDATIONS OF U.S. HISTORY
Year Long Courses

2403 FOUNDATIONS OF AMERICAN GOVERNMENT

2408 FOUNDATIONS OF ECONOMICS
Semester Long Courses
DO NOT Meets UC/CSU Requirement

The course curriculum is based on California Social Science Standards with modifications to content for students with learning and reading disabilities needing a small group setting.

4080 ALGEBRA AB Grades 9-12
Year long course
Prerequisite: None

Algebra AB is the first year of a two year Algebra course. Its key content involves students understanding connections to algebra and properties of real numbers. Students shall solve and graph linear equations, functions and inequalities. Students' skills should include justifying steps in an algebraic procedure and checking algebraic arguments for validity. Students should demonstrate comprehension of the concepts presented through consistent and successful performance on tests and in applications of these skills and concepts in the classroom.

4090 ALGEBRA CD
Year long course
Prerequisite: Algebra AB
Meets UC/CSU "C" Requirement

Algebra CD is the second year of a two year algebra course. The topics include solving and graphing linear inequalities, systems of linear equations and inequalities, exponents, quadratic equations and functions, polynomials and factoring, rational expressions and equations, radicals and connections to Geometry.

4020 PRINCIPLES OF GEOMETRY
Grades 10-12
Year long course
Prerequisite: Algebra CD
DOES NOT Meets UC/CSU Requirement

Principles of Geometry is a course that can serve as either the second year of your math requirements for graduation or as elective credit, depending on your previous coursework. The topics covered include the tools of Geometry, reasoning and proofs, parallel and perpendicular lines, congruent triangles, relationships within triangles, quadrilaterals, similarity, right triangles and trigonometry, area, surface area and volume, circles, and transformations.

510 LSM 9 **Grades 9-12**
520 LSM 10
Prerequisite: None
Year long courses

The Learning Strategies & Management (LSM) course counts for elective credit and provides students with support in their academic classes. Support is given with organization and time management (use of planners, tracking grades and assignments, scheduling time, upkeep of materials), personal responsibility (self-advocacy, knowledge of IEP, academic goal setting, communication, problem solving, following directions, post-secondary and job skills), and study skills (test taking, note-taking, and memory strategies; test prep, use of textbooks and supplementary resources). Students are required to bring materials and assignments from core academic classes to be worked on in class and assistance is offered with such tasks. The successful student comes to LSM with a willingness to implement and apply new skills taught in class in order to improve academic performance.

580 INTRO TO SCHOOL TO CAREER **Grades 10-12**
Grades: 9-12
Prerequisites: None

Introduction to School to Career is a course designed for students on a Certification of Completion track only. This course allows students to develop work place vocational skills on campus in a structured and supportive setting. Basic foundational work skills are emphasis for this program (punctuality, work place behaviors, and proper work attire, etc.)

581 SCHOOL TO CAREER 1 *Grades 10-12*
Year long courses

Prerequisites: Teacher recommendation
School to Career 1 is a course designed for our students on a Certificate of Completion track only. Students in this course develop their job related skills in subsidized community based employment. Students learn a level of mobility. They also learn to apply work related skills (punctuality, work place behaviors, and proper work attire, etc.) into real life job sites.

582-584 SCHOOL TO CAREER 2-4 **Grades 9-12**
Year long courses
Prerequisite:

School to Career is designed to assist identified students with their Individual Transition Plan (IEP) goals related to vocational awareness and job experience. It includes post-secondary educational awareness and exploration, employment and career awareness. Students learn to complete job applications, prepare resumes, and practice interviewing skills. There are some subsidized employment opportunities. Students also focus on attaining independent living goals related to obtaining a driver's license, budgeting, self-advocacy and self-determination.

VISUAL AND PERFORMING ARTS

6220 SEA HAWK BAND Grades 9-10
Meets UC/CSU "F" Requirement
Prerequisite: None
Year long course

An intermediate level course geared toward building instrumental/technical skills and ensemble skills in woodwind and brass players. Students develop the same materials as Marching/Concert band but at a slower pace. Beginning students may also enroll to start developing basic instrumental skills. Course is repeatable.

6210 MARCHING BAND/DANCE GUARD
Grades 9-12
Year long course
Prerequisite: Proficiency in woodwind, brass or percussion instrument

This is an intermediate to advanced level performance ensemble. Students perform at various functions including sporting events, rallies, concerts, off site tournaments and festivals and community events. Students build individual and ensemble performance skills while developing performing literature. **Students receive PE credit only.** Course is repeatable.

6240 PERCUSSION ENSEMBLE Grades 9-12
Meets UC/CSU "F" Requirement
Year long course

Students learn to read music, as well as how to play a variety of percussion instruments. This class is performance-oriented and students participate in other performance groups, and complete independent work on various projects throughout the school year. Course is repeatable.

6250 WIND ENSEMBLE Grades 10-12
Meets UC/CSU "F" Requirement
Prerequisite: Audition/Teacher approval
Year long course

Wind Ensemble is comprised of intermediate and advanced level instrumentalists. Students will build on their instrumental technique through independent study of approved instrumental method books. Musicianship skills such as sight reading and ear training will be enhanced. Students will prepare material for solo and/or small ensemble performances as well as standard wind band literature for full ensemble performances in festivals and concerts. The ensemble will also perform at various civic functions. Course is repeatable.

6230 JAZZ ENSEMBLE Grades 10-12
Meets UC/CSU "F" Requirement
Prerequisite: Audition/Teacher approval
Year long course

The first semester is primarily a lab band, focusing on music reading and instruction in improvisation, theory and festival. The second semester includes performance preparation. The ensemble will prepare music for concert performances. Skills learned in first semester will be refined and applied to performance. Course is repeatable.

6510 BEGINNING CHORUS Grades 9-12
Meets UC/CSU "F" Requirement
Prerequisite: None
Year long course

Chorus is non-auditioned and open to ALL students regardless of previous singing or musical experience. There are no prerequisites for joining other than an enjoyment for music! Chorus introduces beginning singers to fundamental vocal technique and elements of choral performance. Members of chorus work on building musicianship skills such as reading music and singing in parts (harmony) in a safe and fun learning environment. The type of music sung by members of chorus varies in genres and styles. Our aim is to expose our singers to a variety of music, allowing them to become well-rounded musicians. While some students take this course for their A-G Fine Arts requirement, many will find a love of singing and being part of something bigger and will choose to audition for Advanced Chorus. The course is repeatable.

6520 CHORUS ADVANCED
Meets UC/CSU "F" Requirement
Prerequisite: Audition
Year long course

Advanced Chorus (Sea Hawk Singers) is a mixed vocal ensemble which performs music in four to eight voice parts. Placement in Advanced Chorus is by audition only, and commitment to the chorus must be for both fall and spring semesters. Students in Advanced Chorus will progress onto more advanced musicianship skills, concentrating especially on sight-singing. Advanced Chorus specializes in the performance of many different genres/styles of a cappella choral music ranging from the Renaissance to modern day compositions. In addition to performing in Winter, Spring, and June Pop concerts, Advanced Chorus participates in festivals and is often asked to sing at Homecoming, rallies, events in the community, and other special performances. Course is repeatable.

6270 MUSIC THEORY **Grades 9-12**
Meets UC/CSU "F" Requirement
Prerequisite: None
Year long course

This course offers a deeper understanding of the structure of music. Students will develop perceptive listening skills, an understanding of music notation, and will be introduced to the elements, forms and styles of various musical periods. Music listening and analysis are heavily emphasized on a daily basis. Critical music listening skills and relevant discussion will be developed throughout the course of the semester

6290 MUSIC APPRECIATION **Grades 9-12**
Semester course
Prerequisite: None

This one-semester survey course will explore a wide variety of musical styles, forms, composers, instruments and performers. Students will acquire the vocabulary, concepts, theory and history necessary to critique music in an intelligent manner. Students will develop skills in analyzing, listening, performing and creating music in order to gain an understanding of, and respect for, the role and importance of music in their lives. These skills will aid the student in: responding emotionally and intelligently to a range of music representative of many styles and cultures; understanding the social uses of music and valuing music accordingly; recognizing music as an important marker of its time and culture; developing knowledge, understanding and respect for superlative human musical achievements; and acquiring an overview of their own musical heritage, including the importance of music in all cultures.

6710 BEGINNING DRAMA **Grades 9-12**
Meets UC/CSU "F" Requirement
Prerequisite: None
Year long course

This course is divided into multiple innovative projects designed to provide the beginning drama student with opportunities to explore pantomime, scene study, monologue work, playwriting, production/performance skills and Theatre History. Students wishing to participate in the RUHS plays are highly recommended to participate in Drama 1-2 in order to develop their acting skills. Students must earn a C or better to move on to Advanced Drama.

6720 ADVANCED DRAMA **Grades 10-12**
Meets UC/CSU "F" Requirement
Prerequisite: Beginning Drama
Year long course

Advanced Drama builds on the foundations learned in Drama 1-2 and teaches students how to apply these skills to specific types of acting. Students will become aware of the history of Drama and perform scenes from multiple works including Shakespeare, Restoration comedy, Commedia Dell Arte, Medieval Theatre, Modern Theatre, and Contemporary Theatre. Students must obtain a C or better to remain in the class. Course is repeatable.

6730 PLAY PRODUCTION Grades 9-12
Meets UC/CSU "F" Requirement
Prerequisite: Audition
Semester long course

Varying types of productions are staged and presented. The Fall/Winter production is a dramatic or comedic play, and the spring semester is a musical. This class gives the serious acting student a chance to stretch, explore, perform and build his or her craftsmanship. Course is repeatable.

6810 STUDY OF FILM Grades 10-12
Meets UC/CSU "F" Requirement
Prerequisite: None
Year long course

This course is designed to introduce students to a variety of films. The goal is to raise student's knowledge and awareness of different genres and historical periods in American Films.

6610 ART 1 Grades 9-12
Meets UC/CSU "F" Requirement
Prerequisite: None
Year long course

This course is an introductory one-year course for beginning art students. It is a sequential program that instills basic fundamentals so that the student may produce and appreciate fine art. Students will have the opportunity to create works in various mediums.

6120 ART 2 Grades 10-12
Meets UC/CSU "F" Requirement
Prerequisite: Successful completion of Art 1
Year long course

This course is a, year long, continuation of Art 1. The students will be introduced to a more in-depth understanding of the fundamentals of art, working with various media

6130 ART 3 Grades 11-12
Meets UC/CSU "F" Requirement
Prerequisite: Successful completion of Art 2
Year long course

This is a continuation of Art 2. Students will further develop their individual style of drawing and 4-6 paintings. The students are expected to assume more responsibility for choice of subject and technique.

6610 CERAMICS Grades 10-12
Meets UC/CSU "F" Requirement
Prerequisite: None
Year long course

This beginning course is creating hand built pottery using coil, pinch and slab techniques. During the year, students will be guided with step-by-step projects focusing on technique, vocabulary, creativity/originality, tools, equipment, history, and culture.

6620 CERAMICS ADVANCED Grades 10-12
Meets UC/CSU "F" Requirement
Prerequisite: Ceramics
Year long course

This Advanced course is creating hand built pottery using wheels. During the year, students will be guided with step-by-step projects focusing on technique, vocabulary, creativity/originality, tools, equipment, history, and culture.

6170 AP STUDIO ART: DRAWING Grades 11-12
6180 AP STUDIO ART: 2-D DESIGN
Prerequisite: Successful completion of Art 1
Meets UC/CSU "F" Requirement
Year long course

This college-level course is intended for highly motivated students who are seriously interested in hands-on art, specifically drawing and design (which includes photography as an art). Students should have previous training in art or must show the instructor 2-4 artworks executed within the last year. Enrolled students will be expected to produce a minimum of 24 works of art during the one-year course and to submit an AP portfolio.

6190 AP ART HISTORY
Meets UC/CSU "F" Requirement
Prerequisite: None
Year long course

This course prepares students to take the Advanced Placement examination for college credit in Art History. AP Art History is a chronological survey of architecture, painting, sculpture and photography of western tradition and selected worlds for a variety of cultures beyond the European tradition. The sequential presentation of the artwork studied in the course begins in the prehistoric period and ends with post- modernism.

WORLD LANGUAGE AND CULTURES

5110 SPANISH 1 **Grades 9-12**
Meets UC/CSU “E” Requirement
Prerequisite: None
Year long course

This course provides students with communicative experiences in the target language necessary to gain and give basic information for personal and social purposes in various contextual settings. The course offers students without previous Spanish experience the opportunity to study basic principles for learning to speak, read, and write the Spanish language.

5120 SPANISH 2 **Grades 9-12**
Meets UC/CSU “E” Requirement
Prerequisite: Successful completion of Spanish 1
Year long course

This course continues to build on the basic principles of the Spanish language presented in Spanish 1. The language used is authentic and current, reflecting the language spoken and read in Spanish speaking society. The course provides students with communicative experiences in the target language to express opinions, narrate events in the past and present, and engage in commerce and other daily transactions in Spanish.

5130 SPANISH 3 **Grades 9-12**
Meets UC/CSU “E” Requirement
Prerequisite: Successful completion of Spanish 2
Year long course

This intermediate course emphasizes the study of the essentials of Spanish grammar and the fundamentals of formal Spanish composition. Through oral and written practice, students expand their Spanish vocabulary and use of idiomatic expressions. Students practice presentational speaking as well as analysis of authentic Spanish-language texts and audio sources. A large portion of the class will be conducted in Spanish.

5140 SPANISH 4 **Grades 9-12**
Meets UC/CSU “E” Requirement
Prerequisite: Successful completion of Spanish 3
Year long course

Teachers and students at this level only speak Spanish. The course emphasizes speaking fluency and vocabulary extension. Grammar is used more as a source to pinpoint weaknesses and errors than as a consecutive study. Short stories, novels, newspapers, poetry and other sources that reflect the greatness of Spanish Literature are studied and read. Oral discussion in Spanish is conducted on an individual, small group, and large group basis.

5220 ESPAÑOL 2 **Grades 9-12**
Meets UC/CSU “E” Requirement
Prerequisite: Native (or near native) Spanish speaker
Year long course

This course is designed for students with a native or heritage speaking knowledge of Spanish and who have little or no formal instruction in the Spanish language. Students develop the cultural and linguistic ability to use correct spoken and written Spanish while building their overall vocabulary and comprehension. Cultural instruction is used to increase overall fluency and language acquisition as well as provide students an opportunity to share their backgrounds and cultural practices.

5230 ESPAÑOL 3 **Grades 9-12**
Meets UC/CSU “E” Requirement
Prerequisite: Native speaker examination
Year long course

This course is designed to improve the native speaker’s ability to read and write in Spanish. Students strengthen their cultural and linguistic ability to use correct spoken and written Spanish. Students master the ability to correct faulty Spanish speech habits, improve vocabulary, and acquire skills in writing. Students deepen their understanding of similarities and differences existing within and between the cultures of Central and South American Spanish speaking countries. Cultural studies may include geography, folklore, and literature of the Spanish-speaking world.

5240 ESPAÑOL 4
Grades 9-12
Meets UC/CSU “E” Requirement
Prerequisite: Native speaker examination; completion of Spanish 3 NS
Year long course

This course is designed for students with a native-speaking knowledge of Spanish and who have had some formal instruction in the Spanish language. It is designed to provide native Spanish speaking students with cognitive academic language proficiencies. Students continue to develop the four language skills: reading, writing, listening, and speaking by participating in functional communicative activities which allow the skills to develop naturally within the context of a literature based curriculum. Instruction occurs completely in Spanish.

5190 SPANISH LITERATURE AP Grades 10-12
Meets UC/CSU “E” Requirement
Prerequisite: Grade of “B” or higher in AP Spanish Language
Year long course

The AP Spanish Literature and Culture course uses a thematic approach to introduce students to representative texts (short stories, novels, poetry, and essays) from Peninsular Spanish, Latin American, and United States Hispanic literature. Students develop proficiencies across the full range of communication modes (interpersonal, presentational, and interpretive), thereby honing their critical reading and analytical writing skills. Literature is examined within the context of its time and place, as students reflect on the many voices and cultures present in the required readings. The course also includes a strong focus on cultural connections and comparisons, including exploration of various media (e.g., art, film, articles, literary criticism).

5310 FRENCH 1 **Grades 9-12**
Meets UC/CSU “E” Requirement
Prerequisite: None
Year long course

This course provides the student with communicative experiences in the target language necessary to gain and give information for personal and social purposes in various contextual settings. The course offers students without any previous formal French experience the opportunity to study the basic principles for learning to speak, read and write the French language.

5180 SPANISH LANGUAGE AP Grades 9-12
Meets UC/CSU “E” Requirement
Prerequisite: Grade of B or higher is Spanish 3 or Spanish 4
Year long course

AP Spanish language is intended for students who wish to develop proficiency and integrate their language skills, using authentic materials and sources. The AP Spanish Language course should help prepare students to demonstrate their level of Spanish proficiency across three communicative modes: interpersonal, interpretive and presentational, and the five goals outlined in the Standards for Foreign Language Learning in the 21st century. The course is meant to be comparable to fifth and sixth semester (or the equivalent) college and university courses that focus on speaking and writing in the target language at an advanced level. This course extends the learning of Spanish for Native Speakers. After completion of this course, students will take the Advanced Placement Examination in Spanish Language.

5320 FRENCH 2 **Grades 10-12**
Meets UC/CSU “E” Requirement
Prerequisite: Successful completion of French 1
Year long course

This course offers students who have successfully completed French 1 or the equivalent, the opportunity to continue the study of the basic principles of the French language. The language used is authentic and current, reflecting the language spoken and read in a French speaking society. Instruction is student centered and communication based.

5330 FRENCH 3 **Grades 11-12**
Meets UC/CSU “E” Requirement
Prerequisite: Successful completion of French 2
Year long course

This course offers students who have successfully completed French 2 or the equivalent the opportunity to continue the study of the French language and culture. The student is provided with communicative experiences in the target language necessary to inform, inquire after and give information in more complex situational contexts.

5340 FRENCH 4/ AP FRENCH Grades 11-12
Meets UC/CSU “E” Requirement
Prerequisite: Successful completion of French 2
Year long course

The French 4 course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in French.

5410 CHINESE 1 Grades 9-12
Meets UC/CSU “E” Requirement
Prerequisite: None
Year long course

This course begins with “Four tones of Mandarin” and the “Hanyu Pinyin system” (a system used to indicate pronunciation of Chinese characters.) Students can choose to learn in traditional or simplified characters. Students will engage in basic listening, speaking, reading and writing activities in Chinese and will learn to communicate with others. They will also learn about Asian culture and academic skills such as organization, group discussions and public speaking.

5420 CHINESE 2 Grades 9-12
Meets UC/CSU “E” Requirement
Prerequisite: Successful completion of Chinese 1
Year long course

This course will provide further practice in conversation, reading, and writing in current standard modern Chinese through the use of the pinyin system. Students can choose to learn in traditional or simplified Chinese characters. Students will learn description words, using higher level grammar to advance their communication skills. Students will create skits or short plays and learn more about Chinese culture by researching information and comparing and contrasting facts.

5430 CHINESE 3 Grades 9-12
Meets UC/CSU “E” Requirement
Prerequisite: Successful completion of Chinese 2
Year long course

This course builds on the content mastered in Chinese 1 and 2, but will provide more advanced practice in conversation, reading, and writing of the Mandarin dialect. Students can choose to read and write in traditional or simplified Chinese characters. Students will have opportunities to practice applying Chinese into more authentic situations, and use the language in paragraphs, such as skit, role-play and narrative stories. During the class, students are expected to use Chinese as much as possible to discuss and express themselves.

5440 AP Chinese Language and Culture
Meets UC/CSU “E” Requirement
Prerequisite: Grade of “B” or higher in
Chinese 3 Entrance Exam
Year long course

This course will provide students more advanced practices in listening, speaking, reading, writing, grammar, culture and conversation skills of Mandarin. Students will use authentic learning materials, computer software and Internet to maximize learning inside and outside the classroom. Students will learn more sentence patterns, phrases and expressions, so they can narrate, describe, give or require information and express their opinions or feelings about different topics. They will have more chances to apply Mandarin into real life and build up their research and critical thinking abilities. After completion of this course, students are expected to take the Advanced Placement Exam.

