

RANCHO MIRAGE HIGH SCHOOL



COURSE DESCRIPTIONS 2019-2020

Owning it since 2013!

WELCOME TO RATTLER NATION

It is with great excitement that I welcome you to Rancho Mirage High School, home of the Rattlers! We opened in August 2013 with approximately 900 freshman (9th) and sophomore (10th) students. It is such an exciting time to be part of a team of students, parents, staff, and community that have the opportunity to open this new high school. As a team we will establish the culture and traditions of the RMHS Rattlers!

Students will be expected to succeed within the bounds of their abilities and chosen educational and career goals. Students are welcomed into a school culture that encourages individuality and expects co-curricular participation in order to foster a sense of belonging. By participating in this educational community, students acquire knowledge, skills, and attitudes that will serve them each day and in their future.

COURSE REQUEST DIRECTIONS

With this course description catalog, your student should have a colored, course selection worksheet. Please use the following directions to complete the course request worksheet:

1. Complete the top portion with your contact information.
2. Put an "X" next to your preferred English, Mathematics, and Science course from those provided. Tenth through twelfth grade students must also choose a Social Studies course.
3. Identify 1st, 2nd, 3rd, and 4th choice of elective courses from the list at the bottom of the course request worksheet. **Note:** One of these choices must be a Physical Education course for all 9th graders.
4. List any sports or other extracurricular activities that your student plans to participate at the bottom of the page.
5. Please provide both parent and student signature.

Please be advised that these are the PRELIMINARY COURSE REQUESTS. You will have the opportunity to schedule an appointment to meet with a counselor prior to final course decision. Grades, benchmarks, and teacher recommendations will also guide final student placement.

POLICIES

PREREQUISITES

The prerequisites listed for specific courses are guidelines and recommendations designed to ensure the appropriate placement level for students to achieve success. Students who do not satisfactorily meet all prerequisites may petition their counselor for enrollment.

CHANGE OF CLASS

- Change of classes may only be done during the registration time that is prior to the start of school.
- **0 – 4 weeks:** Change of class based on incorrect course request, class balancing, or other counselor identified purpose. There will not be a penalty for academic/educational purposes.
- **After 6 weeks:** Change of class results in "Withdraw Fail" (F) or withdraw for no credit, with administrative approval.

GRADING SCALE

All courses must be completed with grades of "A", "B", "C" or "D" in order to earn credits however, four-year colleges will not accept credit for a "D" grade. An "F" grade receives no credit! If a student repeats a course to earn a higher grade he/she will receive credit for the higher grade. Additional credit is not received for repeating a course that the student has previously passed. Credit is awarded only for the higher grade earned.

GRADE REPORTING

Progress Reports are issued on the fifth and fourteenth week of each semester and are issued for students who are failing or in danger of failing. Quarter grades are issued for all students at the end of nine weeks of each semester and final grades are issued at the end of the fall and spring semesters. Grades for semester courses will be issued in January and June and recorded on permanent transcript records.

College/Career Indicator Model

All students in the four-year graduation cohort minus students who take the California Alternate Assessment.

WELL PREPARED – To Be Determined
The College/Career Indicator (CCI) measures for “Well Prepared” will be determined following further review of potential state and local CCI measures as statewide data becomes available. ¹ California Department of Education staff, with input from education researchers, practitioners, and stakeholders, will evaluate the CCI model through the first phase of the Local Control Funding Formula evaluation rubrics and will propose a revised CCI model for implementation in 2017–18.
PREPARED
Does the graduate meet at least 1 measure below?
A. Career Technical Education (CTE) Pathway Completion plus one of the following criteria: <ul style="list-style-type: none">- Smarter Balanced Summative Assessments: At least a Level 3 “Standard Met” on English language arts/literacy (ELA) or Mathematics and at least a Level 2 “Standard Nearly Met” in the other subject area- One semester/two quarters of Dual Enrollment with passing grade (Academic/CTE subjects)
B. At least a Level 3 “Standard Met” on both ELA and Mathematics on Smarter Balanced Summative Assessments
C. Completion of two semesters/three quarters of Dual Enrollment with a passing grade (Academic and/or CTE subjects)
D. Passing Score on two Advanced Placement (AP) Exams or two International Baccalaureate (IB) Exams
E. Completion of courses that meet the University of California (UC) a-g criteria plus one of the following criteria: <ul style="list-style-type: none">- CTE Pathway completion- Smarter Balanced Summative Assessments: At least a Level 3 “Standard Met” on ELA or Mathematics and at least a Level 2 “Standard Nearly Met” in the other subject area- One semester/two quarters of Dual Enrollment with passing grade (Academic/CTE subjects)- Passing score on one AP Exam OR on one IB Exam
APPROACHING PREPARED
Does the graduate meet at least 1 measure below?
A. CTE Pathway completion
B. Scored at least Level 2 “Standard Nearly Met” on one or both ELA and Mathematics Smarter Balanced Summative Assessments
C. Completion of one semester/two quarters of Dual Enrollment with passing grade (Academic/CTE subjects)
D. Completion of courses that meet the UC a-g criteria
NOT PREPARED
Student did not meet any measures above, so considered NOT PREPARED

¹Future Local and State CCI Measures

Note: The following measures will be explored as statewide data becomes available:

- Articulated CTE Pathway
- Work Experience/Career Internship
- AP/IB Career Program
- State Seal of Biliteracy
- Golden State Seal Merit Diploma

Further Exploration on the following:

- Course Information
- Industry Certificate
- Additional career related data elements (e.g., Career Pathways Trust and CTE Incentive Grant)
- Pilot career ready assessments (i.e., National Occupational Competency Testing Institute)

a-g

REQUIREMENTS

The path to college begins with high school coursework. For example, to be considered for UC admission, at a minimum you need to complete any 11 UC approved "a-g" courses by the end of junior year (including courses taken in the summer between junior and senior year) each with a grade of "C" or better. In all, you need to complete 15 courses by the end of senior year.

Note: these are minimum requirements; in the fall of 2010, freshmen who were admitted to UC had completed an average of 23 courses.

a History/ Social Science 2 YEARS

- 1 year World History, Geography, or Cultures
- 1 year of U.S. History or ½ year U.S. History and ½ year American Government

b English 4 YEARS

- 9th English 11th English
- 10th English 12th English

c Mathematics 3 YEARS, 4 RECOMMENDED

- Algebra I or Integrated Math I Geometry or Integrated Math II
- Algebra II, Algebra II/Trig, or Integrated Math III

d Laboratory Science 2 YEARS, 3 RECOMMENDED

- 1 year of Biology, Chemistry, or Physics
- 1 year of other science

e Language other than English 2 YEARS, 3 RECOMMENDED

- Language I Language II

f Visual and Performing Arts 1 YEAR

- Arts of your choice

g College Prep (AP) Elective 2 SEMESTERS

- Elective of your choice Elective of your choice

9th grade

Recommended courses:

- 9th grade English
- Algebra 1 or higher-level
- World History, Geography or Cultures

Minimum requirements:

- 9th grade English
- Algebra I
- One "a-g"

and at least one:

- Language other than English
- Laboratory Science
- Visual and Performing Arts
- AP Elective

Recommended tests:

- ACT EXPLORE exam, if available

Courses for the year:

Honors Grade

1st 2nd

a

b

c

d

e

f

g

AP/ACT Explore Exam(s):

Grade

Activities/Honors:

10th grade

Recommended courses:

- 10th grade English
- Geometry or higher-level
- Laboratory Science

and at least two:

- History
- Language other than English
- Visual and Performing Arts
- AP Elective(s)

Recommended tests:

- PSAT and/or ACT EXPLORE exams, if available

Minimum accumulative requirements:

- 9th – 10th English
- Algebra I
- Geometry
- Four "a–g's"

Courses for the year:

Honors Grade
 1st 2nd

a	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

AP/PSAT/ACT Explore Exam(s):

Grade

_____	<input type="text"/>
_____	<input type="text"/>
_____	<input type="text"/>

Activities/Honors:

11th grade

Recommended courses:

- 11th grade English
- Algebra II or higher-level
- Laboratory Science
- U.S. History
- Language other than English

Recommended tests:

- PSAT for NMSQT eligibility
- SAT Reasoning and 2 Subjects and/or ACT with writing

Other:

- Draft and revise personal statement for college application

Minimum accumulative requirements:

- 9th – 11th English
- Algebra I and II
- Geometry
- Laboratory Science
- Language other than English
- History or Social Science
- Six "a–g's"

Courses for the year:

Honors Grade
 1st 2nd

a	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

AP/PSAT/ACT/SAT Exam(s):

Grade

_____	<input type="text"/>
_____	<input type="text"/>
_____	<input type="text"/>

Activities/Honors:

12th grade

Recommended courses:

- 12th grade English
- Pre-Calculus or advanced math
- American Government or Civics *and at least one:*
- Laboratory Science
- Language other than English
- Visual and Performing Arts
- College Prep (AP) elective

Other:

- Retake SAT/ACT as necessary
- Apply to colleges broadly: include selective and safety schools
- UC application period: Nov. 1-30

Minimum accumulative requirements:

- 9th - 12th English
- Algebra I and II
- Geometry
- 2 Laboratory Sciences
- 2 Language other than English
- 2 History or Social Sciences
- Arts
- Seven "a-g's"

Courses for the year:

Honors **Grade**
 1st **2nd**

<u> a </u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u> b </u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u> c </u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u> d </u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u> e </u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u> f </u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u> g </u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

AP/ACT/SAT Exam(s):

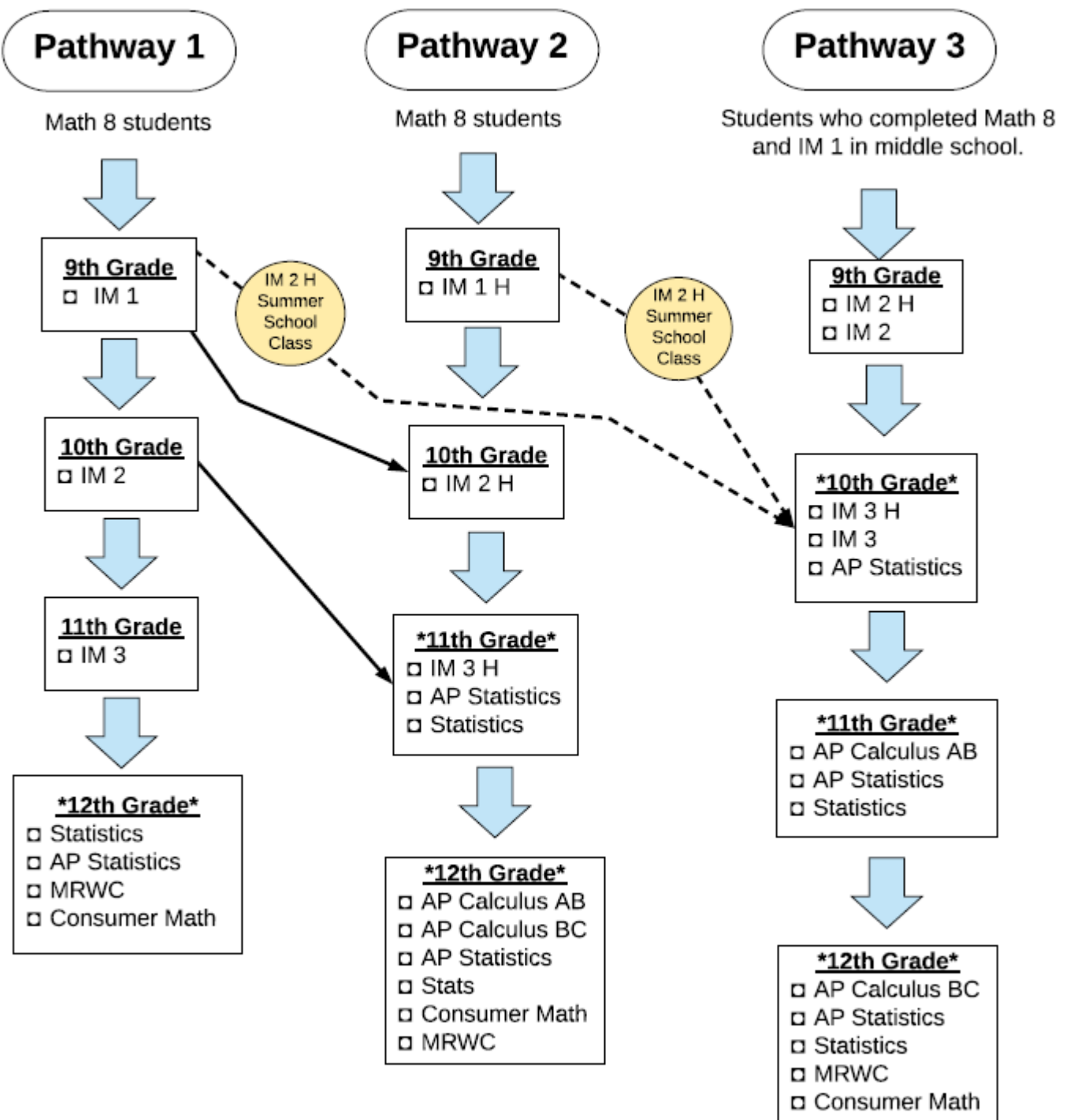
Grade

_____	<input type="text"/>
_____	<input type="text"/>
_____	<input type="text"/>

Activities/Honors:

Monitor your progress by making sure that you take at least the minimum courses to be eligible for UC/CSU. Compare your completed coursework and required exams to the benchmarks for each grade level.

RMHS Math Flowchart



There are dual enrollment opportunities!

Math Course Sequence*

Grade 9	Grade 10	Grade 11	Grade 12
Integrated Math I	Integrated Math II	Integrated Math III	AP Statistics Consumer Mathematics Statistics MRWC
Integrated Math I Honors	Integrated Math II Honors	Integrated Math III Honors and AP Statistics (if chosen)	AP Statistics AP Calculus AB AP Calculus BC Statistics MRWC Consumer Mathematics
Integrated Math II Honors	Integrated Math III Honors and AP Statistics (if chosen)	AP Statistics AP Calculus AB Statistics	AP Calculus BC AP Statistics Consumer Mathematics MRWC Statistics

*Class of 2020 has a 2-year math requirement for graduation.

*Classes of 2021, 2022, and 2023 have a 3-year math requirement for graduation.

Science Course Sequence

Grade 9	Grade 10	Grade 11	Grade 12
The Living Earth CP	Chemistry in the Earth System CP Physics in the Universe CP	Chemistry in the Earth System CP Physics in the Universe CP Anatomy CP	Chemistry in the Earth System CP Physics in the Universe CP Anatomy CP AP Environmental Science
The Living Earth Honors	Chemistry in the Earth System Honors Physics in the Universe Honors AP Biology	Chemistry in the Earth System Honors Physics in the Universe Honors AP Biology AP Chemistry AP Physics Anatomy Honors AP Environmental Science	AP Biology AP Chemistry AP Physics Anatomy Honors AP Environmental Science

World Language Sequence

	Grade 9	Grade 10	Grade 11	Grade 12
Native Spanish Speakers	Spanish II R	Emerging Literacy	Spanish Literature Honors <i>(Students can take the AP Spanish Language exam)</i>	AP Spanish Literature and Culture <i>(Students can take the AP Spanish Literature exam)</i>
Non-Native Spanish Speakers	Spanish I	Spanish II	Spanish III	AP Spanish Language and Culture <i>(Students can take the AP Spanish Language exam)</i>
Non-Native French Speakers	French I	French II	French III	AP French IV <i>(Students can take the AP French Language exam)</i>

Theater Sequence

	Grade 9	Grade 10	Grade 11	Grade 12
Performance Path	Theater I	Theater II	Theater III	Theater III
Technical Path	Theater I	Intro to Technical Theater	Technical Theater I	Technical Theater II
Theater Management (elective course can be taken with either pathway or individually)	Student Management Team	Student Management Team	Student Management Team	Student Management Team

AVID Pathway

	Grade 9	Grade 10	Grade 11	Grade 12
Elective	AVID I	AVID II	AVID III	AVID IV
English	English I CP or Honors	English II CP or Honors	English III CP or AP English Language	ERWC or AP English Literature
Science	The Living Earth CP or Honors	Chemistry in the Earth System CP or Honors Physics in the Universe CP or Honors	Chemistry in the Earth System CP or Honors Physics in the Universe CP or Honors Anatomy CP or Honors AP Biology AP Chemistry AP Physics AP Environmental Science	Physics CP or Honors Anatomy CP or Honors AP Biology AP Chemistry AP Physics AP Environmental Science
Math	Integrated Math I	Integrated Math II	Integrated Math III	AP Statistics Consumer Mathematics Statistics CP MRWC
Math <i>*Honors path</i>	Integrated Math I Honors	Integrated Math II Honors	Integrated Math III Honors and AP Statistics (if chosen)	AP Statistics AP Calculus AB AP Calculus BC Consumer Mathematics Statistics CP MRWC
Social Studies		World History WH Honors AP Euro	US History AP US	Civics/Economics AP Govt/Honors Econ
Elective	French or Spanish PE 9 th Core	French or Spanish	PE elective or VAPA elective or Academic elective	PE elective or VAPA elective or Academic elective

CAFÉ Academy*

9th Grade	10th Grade	11th Grade	12th Grade
English I CP or Honors	English II CP or Honors	English III CP or AP English Language	ERWC or AP English Literature
Integrated Math I CP or Honors	Integrated Math II CP or Honors	Integrated Math III CP or Honors	Civics/Economics or AP Govt.
The Living Earth CP or Honors	Chemistry in the Earth System CP or Honors Or Physics in the Universe CP or Honors	Adv. Biology/Human Anatomy CP or Honors	Culinary III
Physical Education	World History CP or Honors or AP European History	U. S. History CP or AP U.S. History	Internship/Work Experience
Food & Nutrition	Culinary I	Culinary II	VAPA Elective or Math: MRWC, Statistics, or Consumer Mathematics, AP Statistics, AP Calculus AB Science: AP Biology, AP Chemistry, AP Physics, AP Environmental Science
French I or Spanish I or VAPA Elective or Academic Elective	French I or II or Spanish I or II	Physical Education or French II or III or Spanish II or III or Academic Elective	Physical Education or French III or IV AP or Spanish III or IV AP or Academic Elective

*CAFÉ and RACE academies begin in the 10th grade. Students must complete an application and interview process at the end of 9th grade to be eligible to join the academy.

RACE Academy*

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English I CP or Honors	English II CP or Honors	English III CP or AP English Language	ERWC or AP English Literature
Integrated Math I CP or Honors	Integrated Math II CP or Honors	Integrated Math III CP or Honors	Civics/Economics or AP Government
The Living Earth CP or Honors	Chemistry in the Earth System CP or Honors Or Physics in the Universe CP or Honors	Physics CP	AUTO 13A
Physical Education	World History CP or Honors	U. S. History or AP U.S. History	Internship/Work Experience
Intro to Automotive	AUTO 10	Auto 12A	VAPA/Academic Elective or Math: MRWC, Statistics, or Consumer Mathematics, AP Statistics Science: AP Biology, AP Chemistry, AP Physics, AP Environmental Science
French I or Spanish I or VAPA elective or Academic Elective	French I or II or Spanish I or II	Physical Education or French II or III or Spanish II or III or VAPA/academic elective	Physical Education or French III or IV AP or Spanish III or IV AP or

*CAFÉ and RACE academies begin in the 10th grade. Students must complete an application and interview process at the end of 9th grade to be eligible to join the academy.

COURSE OFFERINGS

Rancho Mirage High School offers the following courses to students for pre-registration. The prerequisites listed for specific courses are guidelines designed to ensure the appropriate placement for students to achieve success. Students who do not satisfactorily meet all prerequisites may petition their counselor for enrollment adjustment.

ENGLISH

1015 ENGLISH I - COLLEGE PREP

Length of Course: 1 Year

Grade: 9

Prerequisite: None

Credits: 10

Type: Requirement. This course satisfies the UC “B” requirement for English.

This course embodies the study of genre in American and World literature. It incorporates participation in an integrated study of readings that will motivate word analysis, systematic vocabulary development and fluency, speaking and listening, as well as writing tasks that employ the rhetorical modes of narration, exposition, and persuasion as well as those of literary criticism.

1011 ENGLISH I - HONORS

Length of Course: 1 Year

Grade: 9

Prerequisite: Achievement in 8th grade English

Credits: 10

Type: Requirement. This course satisfies the UC “B” requirement for English.

This course embodies the study of major works of American and World Literature. Excellent reading skills and interest are crucial to the work required. This course builds and enhances reading and writing skills beyond the regular curriculum. A variety of literary forms will be analyzed. A review of grammar and mechanics continues throughout the year. Discussions and debates, as well as a variety of written assignments are required.

1016 ENGLISH II - COLLEGE PREP

Length of Course: 1 Year

Grade: 10

Prerequisite: English I - CP

Credits: 10

Type: Requirement. This course satisfies the UC “B” requirement for English.

This course involves study of selected pieces of World Literature as a foundation for developing skills in fluency, vocabulary development, reading, and writing, listening, and speaking Standard English

1012 ENGLISH II - HONORS

Length of Course: 1 Year

Grade: 10

Prerequisite: Achievement in English I - CP or Honors

Credits: 10

Type: Requirement. This course satisfies the UC “B” requirement for English.

This course embodies the study of major works of World Literature. Excellent reading skills and interest are crucial to the work required. This course builds and enhances reading and writing skills beyond the regular curriculum. A variety of literary forms will be analyzed. A review of grammar and mechanics continues throughout the year. Discussions and debates, as well as a variety of written assignments are required.

1017 ENGLISH III - COLLEGE PREP

Length of Course: 1 Year

Grade: 11

Prerequisite: English II - CP

Credits: 10

Type: Requirement. This course satisfies the UC “B” requirement for English.

This course embodies the study of selected genres from American Literature. It will incorporate participation in an integrated study of readings that will motivate speaking and listening as well as writing tasks which employ the rhetorical modes of narration, exposition, and persuasion as well as literary criticism.

1013 ENGLISH III - ADVANCED PLACEMENT (English Language and Composition)

Length of Course: 1 Year

Grade: 11

Prerequisite: Achievement in English II – CP or Honors

Credits: 10

Type: Elective. This course satisfies the UC “B” requirement for English.

Students will continue to refine sophisticated expository writing skills and critical reading perception necessary for the successful completion of the AP Examination in Language and Composition. Students will demonstrate college level ability to analyze and interpret literature with emphasis on identifying specifically chosen language. The student will complete essays of exposition, description, narration, and argument under timed supervision. Students will work to increase vocabulary sophistication and mechanical/technical writing clarity.

1090 EXPOSITORY READING AND WRITING COURSE (ERWC)

Length of Course: 1 Year

Grade: 12

Prerequisite: English III – CP

Credits: 10

Type: Requirement. This course satisfies the UC “B” requirement for English.

ERWC is a two-semester expository reading and writing course that meets the university requirements for a fourth year of English. The course offers students an opportunity to address critical reading and writing problems identified the CSU English Placement Test and prepare students to meet the expectations of college and university faculty. Course assignments are based mainly on non-fiction texts, emphasize the in-depth study of expository, analytical and argumentative reading and writing.

1014 ENGLISH IV - ADVANCED PLACEMENT (English Literature and Composition)

Length of Course: 1 Year

Grade: 12

Prerequisite: Achievement in English II – CP or Honors

Credits: 10

Type: Elective. This course satisfies the UC “B” requirement for English.

This course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider the structure, style, and themes of a work as well as supporting elements such as the use of figurative language, imagery, symbolism, and tone. Since reading and writing support each other and underscore both their common and distinctive elements, they are taught and learned in synergy. Through the study of this course content, students meet and surpass the California English Language Arts Standards, 11/12.

ENGLISH LANGUAGE DEVELOPMENT - ELD
(FOR LIMITED AND NON-ENGLISH SPEAKING STUDENTS)

The English Language Development program provides the limited English-speaking student the opportunity to acquire proficiency in the use of the English language.

All courses listed below satisfy the English graduation requirement. Students are assigned ELD levels through placement testing (ELPAC).

1002 ENGLISH BASICS FOR ENGLISH LEARNERS

Length of Course: 1 Year

Grade: 9,10,11,12

Prerequisite: None

Credits: 10

Type: Elective.

English Basics for English Learners is a foundation level comprehensive English course that develops the very basic English skills for students. The course delivers instruction on content that is required for students to develop skills in reading, writing, grammar, speaking, and listening. In doing so, students will have full access to and engage with grade-level academic content aligned to the knowledge, skills, and abilities for achieving college and career readiness described in the California State Standards for English/Language Arts.

1003 ENGLISH I FOR ENGLISH LEARNERS

Length of Course: 1 Year

Grade: 9,10,11,12

Prerequisite: None

Credits: 10

Type: Requirement.

This course is designed to help English learner students develop high levels of academic achievement and proficiency across the core content areas in reading, writing, listening and speaking. The course itself is a combination of English Language Development using the curriculum of the English I courses at the student's school. English learners are expected to develop their target language while they interact with a variety of text types from which they must form meaning after analysis and interpretation. This curriculum is meant to be adaptable to the various linguistic needs and levels of the students in the course.

1004 ENGLISH II FOR ENGLISH LEARNERS

Length of Course: 1 Year

Grade: 9,10,11,12

Prerequisite: English I for English Learners

Credits: 10

Type: Requirement.

This course is designed to help English learner students develop high levels of academic achievement and proficiency across the core content areas in reading, writing, listening and speaking. The course itself is a combination of English Language Development using the curriculum of the English II courses at the student's school. English learners are expected to develop their target language while they interact with a variety of text types from which they must form meaning after analysis and interpretation. This curriculum is meant to be adaptable to the various linguistic needs and levels of the students in the course.

1256 PUBLIC SPEAKING

Length of Course: 1 Year

Grade: 9,10,11,12

Prerequisite: None

Credits: 10

Type: Elective.

This course of study is designed to help English learner students across content areas in reading, writing, listening, and speaking skills. Public Speaking is an elective course designed to help students develop oral communication skills in a variety of planned and spontaneous speaking situations, and to gain research and organizational skills necessary for a variety of types of oral presentations. This overarching goal will be scaffolded with focused work on planning and writing, delivery skills, listening skills, organizational techniques, and critical thinking. Students will learn basic tools and proficiencies in research, organization, delivery and technology.

MATHEMATICS

2230 INTEGRATED MATH I

Length of Course: 1 Year

Grade: 9-12

Prerequisite: None

Credits: 10

Type: Requirement. This course satisfies the UC “C” requirement for Mathematics.

The course is based on the standards set by the State of California. The topics include: algebraic operations, rules of exponents, solving and graphing linear equations and inequalities, and quadratics; solving systems of equations; parallel and perpendicular lines; functions and relations; application problems.

2232 INTEGRATED MATH I-HONORS

Length of Course: 1 Year

Grade: 9-12

Prerequisite: Achievement in middle school mathematics

Credits: 10

Type: Requirement. This course satisfies the UC “C” requirement for Mathematics.

Integrated Math I Honors is the first course in an integrated math sequence that included Integrated Math II Honors and Integrated Math III Honors. This course satisfies the requirements for Common Core Integrated I as outlined in Appendix A of the California Common Core Standards for Mathematics and uses problem-based learning methodology. This course helps students to develop multiple strategies to solve problems and to recognize the connections between concepts using the Eight Mathematical Practices. The course is intended to provide students the extension of foundational concepts from geometry, algebra, and statistics that were introduced in middle school math. Students build upon their conceptual knowledge of functions: linear, quadratic and exponential, equations, inequalities, sequences, systems of linear equations and inequalities, matrices, one variable descriptive statistics, correlation and residuals, analyzing categorical data, mathematical modeling, and both coordinate and transformational geometries. The problem situations, models, and technology used will help foster connections among the various strands of mathematics and develop concepts from multiple perspectives.

2220 INTEGRATED MATH II

Length of Course: 1 Year

Grade: 9-12

Prerequisite: Integrated Math I

Credits: 10

Type: Requirement. This course satisfies the UC “C” requirement for Mathematics.

The course is based on the standards set by the State of California. The topics include: quadratic functions; complex numbers; probability; lines, angles, triangles, and polygons; right triangle trigonometry, dilations, and the Pythagorean Theorem; and circles.

2222 INTEGRATED MATH II-HONORS

Length of Course: 1 Year

Grade: 9-12

Prerequisite: Achievement in Integrated Math I or Integrated Math I Honors

Credits: 10

Type: Requirement. This course satisfies the UC “C” requirement for Mathematics.

Integrated Math II Honors is the second course of a three-course sequence including Integrated Math I Honors, Integrated Math II Honors, and Integrated Math III Honors. This pathway follows the structure introduced in the K-8 grade levels of the New California State Standards for Mathematics (CA CCSSM). This course focuses on quadratic functions, particularly comparing characteristics of these functions to the linear and exponential functions exposed in Integrated I. As part of this process, complex numbers are introduced as a necessary component of quadratic relationships. Probability & Data are explored through conditional probability & counting methods. The Geometry component of this course emphasizes congruence with respect to lines, angles, triangles, and polygons. Similarity is studied as a foundation for right triangle trigonometry, dilations, & the Pythagorean Theorem. The course finishes with Circles, in which quadratic & algebraic relationships are related to these core Geometry concepts. Additional concepts and skills students need such as, deriving the Area of a Triangle, Law of Sines and Law of Cosines Unit Circle built by special triangles will be introduced.

2225 INTEGRATED MATH III

Length of Course: 1 Year

Grade: 9-12

Prerequisite: Integrated Math II

Credits: 10

Type: Requirement. This course satisfies the UC “C” requirement for Mathematics.

Integrated Math III is the third course of a three-course sequence including Integrated Math I, Integrated Math II, and Integrated Math III. In this course, students expand their concept of functions to include polynomial, rational, and radical functions. They also expand their knowledge of right-triangle trigonometry to include general triangles through the Law of Sines and the Law of Cosines. This process naturally leads to the development of the concept of radian measure and trigonometric functions across the domain of real numbers. Students understand the similarities between the system of polynomials and the system of integers. Students extend their work with exponential functions to include solving exponential equations with logarithms. They explore the effects of transformations on graphs of diverse functions. Students expand upon their foundational work of statistical visual displays to identify different ways of collecting data. As the capstone of the three-year course sequence, Integrated Math III students apply knowledge of functions, statistics, and geometry in a modeling context.

2227 INTEGRATED MATH III-HONORS

Length of Course: 1 Year

Grade: 9-12

Prerequisite: Integrated Math II Honors

Credits: 10

Type: Requirement. This course satisfies the UC “C” requirement for Mathematics.

Integrated Math III Honors is the third course of a three-course sequence including Integrated Math I Honors, Integrated Math II Honors, and Integrated Math III Honors. This course satisfies the New California Standards for Integrated Math III. In this course, students expand their concept of functions to include polynomial, rational, and radical functions. They also expand their knowledge of right-triangle trigonometry to include general triangles through the Law of Sines and the Law of Cosines. In Integrated III Honors, students will extend the domain of trigonometric functions using the unit circle, model periodic phenomena with trigonometric functions, and prove and apply trigonometric identities. Students understand the similarities between the system of polynomials and the system of integers. Students extend their work with exponential functions to include solving exponential equations with logarithms. They explore the effects of transformations on graphs of diverse functions. Students expand upon their foundational work of statistical visual displays to identify different ways of collecting data. As the capstone of the three-year course sequence, Integrated Math III Honors students apply knowledge of functions, statistics, and geometry in a modeling context.

2323 ADVANCED PLACEMENT CALCULUS AB

Length of Course: 1 Year

Grades: 11-12

Prerequisite: Achievement in Pre-Calculus CP or Honors Integrated Math III

Credits: 10

Type: Elective. This course satisfies the UC “C” requirement for Mathematics.

Advanced Placement Calculus is for students who want to be prepared for college courses in Science and Mathematics or most majors at the University level. The course covers all the material in the AP Calculus A.B. examination providing the student preparing for the AP Examination with the necessary skills to do well on the test, as well as an excellent background for taking calculus at the University.

2330 ADVANCED PLACEMENT CALCULUS BC

Length of Course: 1 Year

Grades: 11-12

Prerequisite: Achievement in Pre-Calculus Honors or AP Calculus

Credits: 10

Type: Elective. This course satisfies the UC “C” requirement for Mathematics.

Advanced Placement Calculus is for students who want to be prepared for college courses in Science and Mathematics or most majors at the University level. The course covers all the material in the AP Calculus B.C. examination providing the student preparing for the AP Examination with the necessary skills to do well on the test, as well as an excellent background for taking calculus at the University.

2340 ADVANCED PLACEMENT STATISTICS

Length of Course: 1 Year

Grades: 10-12

Prerequisite: Achievement in Algebra II Honors or Integrated Math I or II Honors

Credits: 10

Type: Elective. This course satisfies the UC “C” requirement for Mathematics.

This course is designed for high school students who wish to complete studies equivalent to a one semester, introductory, non-calculus-based college course in statistics. This course will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. This course is an excellent option for interested students who have successfully completed advanced algebra.

2351 STATISTICS

Length of Course: 1 Year

Grades: 11-12

Prerequisite: Achievement in Algebra II or Integrated Math II

Credits: 10

Type: Elective. This course satisfies the UC “C” requirement for Mathematics.

This course is an introduction to descriptive and inferential statistics; how to use measures of central tendency and dispersion among population samples to draw inferences about a population and to compare two or more populations. Discrete and continuous probability density distributions are analyzed including the binomial, normal, and Student-t, distributions. Confidence intervals for population means, proportions and variance are set. Additional topics include linear regression and correlation analysis and techniques of hypotheses testing, including use of calculator and software applications.

2240 MATHEMATICAL REASONING WITH CONNECTIONS (MRWC)

Length of Course: 1 Year

Grades: 11-12

Prerequisite: Achievement in Algebra II or Integrated Math III

Credits: 10

Type: Elective. This course satisfies the UC “C” requirement for Mathematics.

The instructional design of the MRWC curriculum uses an innovative approach that provides a cohesive, conceptual, and integrated view of mathematics. MRWC seamlessly interweaves the CCSS Mathematical Practices throughout the curriculum and develops key ‘habits of mind’ and a mathematical disposition required for attaining high-level content knowledge. It emphasizes discussion and analysis of alternative representations and multiple perspectives for approaching and understanding content. It is designed to encourage strategic and flexible thinking as well as to enable students to become self-reflective learners. Successful completion of this course by students who scored **Conditionally Ready on the EAP will fulfill the college readiness status**. Successful completion of this course by students who scored Not Ready on the EAP may improve their chances of successfully passing college placement exams.

2032 CONSUMER MATHEMATICS

Length of Course: 1 Year

Grades: 12

Prerequisite: None, but should complete graduation requirements in mathematics prior. **Credits:** 10

Type: Elective. This course satisfies the UC “G” requirement for College Prep Elective.

The goal of this course is to support students in building a strong foundation in logical thinking and problem solving in order to help them make good decisions concerning money matters in their daily lives. This course will support students in becoming conscious and responsible consumers who are aware that the financial decisions that they make will have an impact on their lives and the lives of those that depend on them. The projects that will help students attain these goals will include but are not limited to: a simulated earning environment in which a students' earnings will be affected by the choices they make, business start-up and sustainability, product development and marketing, and accounting of their business transactions.

0000 ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES (pending approval)

Length of Course: 1 Year

Grades: 10-12

Prerequisite: Integrated Math I recommended

Credits: 10

Type: Elective. This course satisfies the UC “G” requirement for College Prep Elective.

The AP Computer Science Principles course is designed to be equivalent to a first- semester introductory college computing course. In this course, students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. The course engages students in the creative aspects of the field by allowing them to develop computational artifacts based on their interests. Students will also develop effective communication and collaboration skills by working individually and collaboratively to solve problems, and will discuss and write about the impacts these solutions could have on their community, society, and the world.

4538 ADVANCED PLACEMENT COMPUTER SCIENCE A

Length of Course: 1 Year

Grades: 11-12

Prerequisite: Integrated Math I recommended

Credits: 10

Type: Elective. This course satisfies the UC “G” requirement for College Prep Elective.

AP Computer Science A is a full year Java course, geared towards beginning programmers who wish to take the AP Computer Science A exam. Computer Science A emphasizes object-oriented programming methodology with an emphasis on problem solving and algorithm development and is meant to be the equivalent of a first-semester course in computer science. It also includes the study of data structures and abstraction. AP Computer Science promotes critical thinking and problem solving skills. AP Computer Science A is equivalent to a first-semester, college-level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. The AP Computer Science A course curriculum is compatible with many CS1 courses in colleges and universities.

2024Q INTEGRATED MATH I SUPPORT SKILLS

Length of Course: 1 Quarter (2 or 4)

Grades: 9

Prerequisite: Concurrent enrollment in Integrated Math I

Credits: 2.5

Type: Elective. Offered as an extra period for support.

Students will develop study skills, build upon prerequisite skills while deepening their procedural skills and fluency required to be successful in Integrated Math I with the end goal that all students be ready for college and careers by mastering the standards that are central to the California Common Core State Standards for Mathematics (CA CCSSM). The course will build on the three key shifts essential to success, focus, coherence and rigor. Focus will build on the key standards as outlined in the California Mathematics framework for Integrated math I. Coherence to help the students make connections in the mathematics and rigor—Instruction to develop conceptual understanding, procedural skill and fluency, and application.

SCIENCE

3056 THE LIVING EARTH - COLLEGE PREP

Length of Course: 1 Year

Grades: 9-10

Prerequisite: Concurrent enrollment in Integrated Math I or higher

Credits: 10

Type: Requirement. This course satisfies the UC “D” requirement for Laboratory Science.

The Living Earth is the natural science that involves the study of life and living organisms, including their physical and chemical structure, function, development and evolution and their connection with the geochemical nature of the planet. This course ties in foundations of biology and earth science phenomena with applications in engineering. The following topics will be covered: cell structure and function; mitosis and cell division; cell differentiation; systems of specialized cells; homeostasis and feedback mechanisms; energy and matter flow through ecosystems; ecosystem dynamics; photosynthesis and cellular respiration; history of Earth’s atmosphere and biogeochemical cycles; DNA structure and function; meiotic cell division; genetics; DNA replication; protein synthesis; evidence of evolution; natural selection and adaptations; social interactions and group behavior; ecosystem stability and its response to climate change; the influence of natural resource availability, natural hazards, and changes in climate on human populations; human impacts on ecosystems; natural resources and global climate change; solutions for the conservation and sustainability of natural resources. This course meets all NGSS standards for Biology and Engineering Design, and many NGSS standards for Earth and Space Sciences.

3057 THE LIVING EARTH - HONORS

Length of Course: 1 Year

Grades: 9-10

Prerequisite: Concurrent enrollment in Honors English I and Integrated Math I or higher

Credits: 10

Type: Requirement. This course satisfies the UC “D” requirement for Laboratory Science.

The Living Earth is the natural science that involves the study of life and living organisms, including their physical and chemical structure, function, development and evolution and their connection with the geochemical nature of the planet. This course ties in foundations of biology and earth science phenomena with applications in engineering. The following topics will be covered: cell structure and function; mitosis and cell division; cell differentiation; systems of specialized cells; homeostasis and feedback mechanisms; energy and matter flow through ecosystems; ecosystem dynamics; photosynthesis and cellular respiration; history of Earth’s atmosphere and biogeochemical cycles; DNA structure and function; meiotic cell division; genetics; DNA replication; protein synthesis; evidence of evolution; natural selection and adaptations; social interactions and group behavior; ecosystem stability and its response to climate change; the influence of natural resource availability, natural hazards, and changes in climate on human populations; human impacts on ecosystems; natural resources and global climate change; solutions for the conservation and sustainability of natural resources. Students will engage in projects to apply topics. This course meets all NGSS standards for Biology and Engineering Design, and many NGSS standards for Earth and Space Sciences.

3053 BIOLOGY - ADVANCED PLACEMENT

Length of Course: 1 Year

Grades: 11-12

Prerequisite: Achievement in Biology CP or Honors and Chemistry I

Credits: 10

Type: Elective. This course satisfies the UC “D” requirement for Laboratory Science.

This course is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their first year. This course will focus on the themes, concepts and topics necessary for a contemporary understanding of biology. AP Biology is designed to be taken after the successful completion of Biology and Chemistry. The major topics covered are molecules and cells, heredity and evolution, and organisms and populations. Through this course students will gain an understanding of how to use science as a process, apply biological knowledge and concepts, and think critically to solve problems.

3058 ADVANCED BIOLOGY – HUMAN ANATOMY HONORS

Length of Course: 1 Year

Grades: 11-12

Prerequisite: Achievement in Biology CP or Honors and Chemistry I

Credits: 10

Type: Elective. This course satisfies the UC “D” requirement for Laboratory Science.

This course will be offered as a year-long Biology elective course. The course is designed for students who have demonstrated a high level of proficiency in mathematics and science and have also expressed an interest in a health career. This class will better prepare the student for an advanced study of human health at the university level. Students will study the human body by focusing on the integration, continuity, and comparability of the different systems within the body along with their structures and functions. Selected physiology topics and disease conditions will be incorporated to support the body systems studied.

3059 ADVANCED BIOLOGY – HUMAN ANATOMY

Length of Course: 1 Year

Grades: 11-12

Prerequisite: Achievement in Biology CP or Honors and Chemistry I

Credits: 10

Type: Elective. This course satisfies the UC “D” requirement for Laboratory Science.

This course will be offered as a year-long Biology elective course. The course is designed for students who have demonstrated proficiency in mathematics and science. This class will better prepare the student for an advanced study of human health at the university level. Students will study the human body by focusing on the integration, continuity, and comparability of the different systems within the body along with their structures and functions. Selected physiology topics and disease conditions will be incorporated to support the body systems studied.

3076 CHEMISTRY IN THE EARTH SYSTEM

Length of Course: 1 Year

Grades: 10-12

Prerequisite: Concurrent enrollment in Geometry or Integrated Math II or higher

Credits: 10

Type: Elective. This course satisfies the UC “D” requirement for Laboratory Science. (*Pending Approval*)

In this NGSS aligned chemistry and earth and space science course, students will explore matter, its properties, and its interactions with other matter and energy. Students will then deepen their understanding by applying their knowledge in the context of earth and space science, materials science and environmental science. Earth and space science topics are integrated throughout the course to emphasize patterns and cause and effect relationships, as well as highlight energy exchange and favorable vs. unfavorable interactions to predict outcomes. Students will begin each learning segment with observable phenomena on the macro-level and then investigate these topics at the micro-scale. Additionally, this course specifically focuses on students’ ability to demonstrate knowledge through the Science and Engineering Practices through the incorporation of the Cross Cutting Concepts.

3077 CHEMISTRY IN THE EARTH SYSTEM - HONORS

Length of Course: 1 Year

Grades: 10-12

Prerequisite: Concurrent enrollment in Geometry or Integrated Math II or higher

Credits: 10

Type: Elective. This course satisfies the UC “D” requirement for Laboratory Science. (*Pending Approval*)

In this honors NGSS aligned chemistry and earth and space science course, students will explore matter, its properties, and its interactions with other matter and energy. Students will then deepen their understanding by applying their knowledge in the context of earth and space science, materials science and environmental science. Earth and space science topics are integrated throughout the course to emphasize patterns and cause and effect relationships, as well as highlight energy exchange and favorable vs. unfavorable interactions to predict outcomes. Students will begin each learning segment with observable phenomena on the macro-level and then investigate these topics at the micro-scale. Additionally, this course specifically focuses on students’ ability to demonstrate knowledge through the Science and Engineering Practices through the incorporation of the Cross Cutting Concepts. This honors course is intended to prepare future college students in STEM fields for success by building not only their knowledge of physics and earth and space sciences, but also their ability to design and carry out controlled, hands-on experiments, and their ability to problem-solve and model complex situations mathematically.

3081 CHEMISTRY – ADVANCED PLACEMENT

Length of Course: 1 Year

Grades: 11-12

Prerequisite: Concurrent enrollment in Algebra II or Integrated Math III or higher.

Credits: 10

Successful completion of Chemistry I Honors with a B or higher.

Type: Elective. This course satisfies the UC “D” requirement for Laboratory Science.

AP Chemistry is designed to be the equivalent of the general chemistry course taken during the first year of college. Students attain a depth of understanding of the fundamentals of chemistry and a reasonable competence with chemical problems. Students should master the basic ideas of stoichiometry, chemical bonding, kinetics, thermodynamics, and chemical equilibrium. Upon completion of the course, students may choose to take, for a fee, the advanced placement examination in chemistry. Participating colleges and universities may grant credit and/or appropriate placement to students who have demonstrated certain proficiency on the exam

3095 PHYSICS IN THE UNIVERSE

Length of Course: 1 Year

Grades: 10-12

Prerequisite: Concurrent enrollment in Algebra II or Integrated Math III or higher

Credits: 10

Type: Elective. This course satisfies the UC “D” requirement for Laboratory Science.

Physics in the Earth System is a rigorous, algebra-based course dealing with concepts and relationships involving motion, force, gravity, momentum, energy, rotation, waves, sound, light, and electromagnetism. Emphasis is placed on planning and carrying out investigations, mathematics, and computational thinking, developing and using models and investigating cause and effect relationships while designing solutions to engineering problems. In Physics in the Universe, students will be required to analyze and interpret data while applying concepts of statistics and probability to scientific and engineering questions and problems, using digital tools when feasible read and write about more complex and subtle aspects of physics, both in homework and on tests/quizzes. This course is intended to prepare students for both college and career readiness by enhancing their physics-based understanding the world around them and by strengthening their ability to design and carry out controlled, hands-on experiments, and their ability to problem-solve and model complex situations mathematically.

3096 PHYSICS IN THE UNIVERSE – HONORS

Length of Course: 1 Year

Grades: 10-12

Prerequisite: Concurrent enrollment in Algebra II or Integrated Math III or higher

Credits: 10

Type: Elective. This course satisfies the UC “D” requirement for Laboratory Science.

Honors Physics in the Universe is a rigorous, fast-paced, algebra/trigonometry based course dealing with concepts and relationships involving motion, force, gravity, momentum, energy, rotation, waves, sound, light, and electromagnetism. Emphasis is placed on planning and carrying out investigations, mathematics, and computational thinking, developing and using models and investigating cause and effect relationships while designing solutions to engineering problems. Compared with regular Physics in the Universe, this honors course will be more mathematically focused (involving trigonometry based 2-dimensional motion and multi-step problem solving) and will incorporate independent research components. In Honors Physics in the Universe, students will be required to analyze and interpret data while applying concepts of statistics and probability to scientific and engineering questions and problems, using digital tools when feasible read and write about more complex and subtle aspects of physics, both in homework and on tests/quizzes. This honors course is intended to prepare future college students in STEM fields for success by building not only their knowledge of physics and earth and space sciences, but also their ability to design and carry out controlled, hands-on experiments, and their ability to problem-solve and model complex situations mathematically.

3093 PHYSICS 1—ADVANCED PLACEMENT

Length of Course: 1 Year

Grades: 10-12

Prerequisite: Concurrent enrollment in Algebra II or Integrated Math III or higher

Credits: 10

Type: Elective. This course satisfies the UC “D” requirement for Laboratory Science.

AP Physics provides the advanced student an entry level college physics course. Topics of student will include mechanics, Kinetic Theory, electricity, magnetisms, waves, light, and concepts of modern physics. Through these units of study, students will develop critical thinking and problem solving skills. The course will prepare students for the AP exam in Physics.

3045 ENVIRONMENTAL SCIENCE—ADVANCED PLACEMENT

Length of Course: 1 Year

Grades: 11-12

Prerequisite: Completion of Biology and Chemistry

Credits: 10

Type: Elective. The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them.

Recommended pre-requisites for this course are chemistry, physics and biology. Students should be aware that this class incorporates several extended field trips to undeveloped locations for field research.

HISTORY / SOCIAL SCIENCE

1511 WORLD HISTORY - COLLEGE PREP

Length of Course: 1 Year

Grade: 10

Prerequisite: None

Credits: 10

Type: Requirement. This course satisfies the UC “A” requirement for History / Social Studies.

In this course students examine major turning points in the shaping of the modern world, from late eighteenth century to the present. The year begins with an introduction to current world issues and then continues with a focus on the expansion of the West and the growing interdependence of people and cultures throughout the world.

1510 WORLD HISTORY - HONORS

Length of Course: 1 Year

Grade: 10

Prerequisite: Achievement in English I-CP or Honors

Credits: 10

Type: Elective. This course satisfies the UC “A” requirement for History / Social Studies.

In this course students examine major turning points in the shaping of the modern world, from late eighteenth century to the present. Students trace the rise of democratic ideas and develop an understanding of the historical roots of current world issues, especially as they pertain to international relations. Students develop an understanding of current world issues and relate them to their historical, geographic, political, economic, and cultural contexts. World History Honors is designed to prepare students for American History AP.

1513 EUROPEAN HISTORY – ADVANCED PLACEMENT

Length of Course: 1 year

Grade: 10-12

Prerequisite: Achievement in English I-CP or Honors

Credits: 10

Type: Elective. This course satisfies the UC “A” requirement for History / Social Studies.

This course embodies a broad study of primary sources that motivates understanding of multi-cultural issues. In order to gain an appreciation of origins and emergence of the political, social, and religious ideas that shape various diverse cultures. Historical themes are used to raise central questions and clarify recurring issues in history, past and present. The course will prepare students for the AP European History exam.

1526 UNITED STATES HISTORY - COLLEGE PREP

Length of Course: 1 Year

Grade: 11

Prerequisite: None

Credits: 10

Type: Requirement. This course satisfies the UC “A” requirement for History / Social Studies.

Students in grade eleven study the major turning points in American History in the twentieth century. Following a review of the nation’s beginnings and the impact of the Enlightenment on U.S. democratic ideals, students build upon the tenth grade study of global industrialization to understand the emergence of impact of new technology and a corporate economy, including the social and cultural effects. Students consider the major social problems of our time and trace their causes in historical events.

1525 AMERICAN HISTORY - ADVANCED PLACEMENT

Length of Course: 1 Year

Grade: 11

Prerequisite: Achievement in World History CP or above

Credits: 10

Type: Elective. This course satisfies the UC “A” requirement for History / Social Studies.

This course is a one-year chronological survey of American history from discovery to the present. The objective of this course is to increase students’ understanding of US history. The areas of concentration include historical, political, and economic history coupled with an intense study of cultural and intellectual institutions and their development. The course stresses analytical thought, research and study skills, and social science concepts in history, political science, geography and economics, as well as major interpretive trends. The course will prepare students for the AP American History exam.

1543 CIVICS - COLLEGE PREP

Length of Course: 1 Semester

Grade: 12

Prerequisite: None

Credits: 5

Type: Requirement. This course satisfies the UC “A” requirement for History / Social Studies.

This course should be viewed as the culmination of the civic literacy strand that prepares students to vote, to reflect on the responsibilities of citizenship, and to participate in community activities. The students will recognize the political principles, institutions, and processes that are supported by effective citizens in American Society. They will appreciate and develop a commitment to human dignity, justice, and democratic process. They will apply the skills needed to manage conflict and to participate in the decision-making process. Students will understand that there are major ideas from which American political and legal systems have evolved. They will understand the basic problems of governing: balancing the needs of all members of the society with the protection of individual rights.

1541 ECONOMICS - COLLEGE PREP

Length of Course: 1 Semester

Grade: 12

Prerequisite: None

Credits: 5

Type: Requirement. This course satisfies the UC “A” requirement for History / Social Studies.

Economics is the study of scarcity and decision-making. Through this course, students will understand the principles of economics and our economic system. They will then compare our economic system to those of other countries and make reasoned judgments about economic questions. The students will apply: basic Micro and Macroeconomic concepts, and use the proper vocabulary to express them. They will explain how unlimited wants and the scarcity of resources affect consumers, producers, and government. The students will demonstrate a clear understanding of materials presented by writing essays, making presentations, participating in group activities and by passing tests designed to check understanding of course content.

1534 AMERICAN GOVERNMENT AND POLITICS– ADVANCED PLACEMENT

Length of Course: 1 Semester

Grade: 12

Prerequisite: None

Credits: 5

Type: Requirement. This course satisfies the UC “A” requirement for History / Social Studies.

This course is designed to give students a critical perspective on politics and government in the United States. This course involves both the study of general concepts used to interpret American politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that make up the American political reality. Through this course students will learn several ways to solve problems, make decisions, and participate as an effective citizen of the United States. Students will demonstrate an understanding of the multiple processes by which policy is made in a federal context, and the kinds of policies that result. They will understand the development and defense of civil rights and civil liberties as well as the workings of the Supreme Court and its most significant decisions. Students will develop the knowledge and skills necessary to take the AP exam in American Government and Politics.

1542 ECONOMICS – HONORS

Length of Course: 1 Semester

Grade: 12

Prerequisite: None

Credits: 5

Type: Requirement. This course satisfies the UC “A” requirement for History / Social Studies.

Economics is the study of scarcity and decision-making. Through this course, students will understand the principles of economics and our economic system. They will then compare our economic system to those of other countries and make reasoned judgments about economic questions. The students will apply: basic Micro and Macroeconomic concepts, and use the proper vocabulary to express them. They will explain how unlimited wants and the scarcity of resources affect consumers, producers, and government. The students will demonstrate a clear understanding of materials presented by writing essays, making presentations, participating in group activities and by passing tests designed to check understanding of course content.

1557 PSYCHOLOGY I & II

Length of Course: 1 Year

Grades: 10-12

Prerequisite: None

Credits: 10

Type: Elective. This course satisfies an UC “G” requirement for Elective.

This course introduces the human personality and adjustment, which contributes to one’s behavior and relates to the behavior of others. The students will seek to understand and define the concept of a “Health Personality”.

They will investigate the past history of this interesting area of study, as well as possible uses of this knowledge in their futures.

1558 PSYCHOLOGY – ADVANCED PLACEMENT

Length of Course: 1 Year

Grades: 10-12

Prerequisite: None

Credits: 10

Type: Elective. This course satisfies an UC “G” requirement for Elective.

The purpose of the Advanced Placement course in Psychology is to introduce students to the systematic and scientific study of the behavior, the mental process 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. Students will also learn about the methods psychologists use in their science and practice. This course is parallel to Psychology I & II but includes more advanced and comprehensive material as well as AP test preparation.

1582 HUMAN GEOGRAPHY – ADVANCED PLACEMENT

Length of Course: 1 Year

Grades: 11-12

Prerequisite: None

Credits: 10

Type: Elective. This course satisfies an UC “G” requirement for Elective.

This course synthesizes the systematic study of human patterns that have affected human culture, and human understanding, modification, and use of the Earth’s surface. In this course, students will gain the skill to examine social organization, socioeconomic organization, and environmental consequences with spatial and landscape concepts. Thus, the following topics will be outlined: Nature of and Perspectives on Geography, Population, Cultural Patterns and Processes, Political Organization of Space, Agricultural and Rural Land Use, Industrialization and Economic Development, Cities and Urban Land Use. Students will utilize the methods, tools, and concepts of geographers and the professionals of this science. This course teaches students to interpret data, primary sources, contemporary current events, geographic models, maps, GIS, aerial photographs, and satellite images in order to identify the key components of past and present movements and developments of human beings and their environment.

1583 ETHNIC STUDIES

Length of Course: 1 Year

Grades: 9-12

Prerequisite: None

Credits: 10

Type: Elective. This course satisfies an UC “G” requirement for Elective.

This course examines how issues of ethnicity, race, class, gender, and identity are constructed and shape life in the United States. Employing historical, inter-sectional, and interdisciplinary approaches, this course provides an introduction to key concepts to understand and deconstruct the development of power and inequality across the nation and in the Coachella Valley. Students will examine ways communities have navigated and resisted these systems of power. Furthermore, students will examine the role of civil rights and social justice movements in changing laws and practices in the U.S.

WORLD LANGUAGE

4020 SPANISH I

Length of Course: 1 Year

Grades: 9-12

Prerequisite: None

Credits: 10

Type: Elective. This course satisfies the UC “E” requirement for a Language Other than English.

This course develops students’ abilities to speak, comprehend, read, and write sentences in the present, past and future tenses. Emphasis will be placed on proper pronunciation and oral communication. This class is appropriate for students with little or no experience.

4030 SPANISH II

Length of Course: 1 Year

Grades: 9-12

Prerequisite: Spanish I

Credits: 10

Type: Elective. This course satisfies the UC “E” requirement for a Language Other than English.

This course develops the students’ ability to listen, comprehend, and communicate in both written and oral forms. Students will be expected to use target language at all times, except during explanations of grammatical concepts. This class would also be appropriate for a student who speaks the language at home and has experience in reading and writing Spanish.

4040 SPANISH III

Length of Course: 1 Year

Grades: 9-12

Prerequisite: Spanish II

Credits: 10

Type: Elective. This course satisfies the UC “E” requirement for a Language Other than English.

This course will continue to develop the ability of the student to understand the spoken language and speak it accurately and fluently. The students will review all Spanish grammar concepts, increase their vocabulary, and progressively increase the amount and variety of reading and writing. The students will communicate in the target language in all situations except during the grammar review.

4045 SPANISH IV LANGUAGE - ADVANCED PLACEMENT

Length of Course: 1 Year

Grades: 10-12

Prerequisite: Spanish III

Credits: 10

Type: Elective. This course satisfies the UC “E” requirement for a Language Other than English.

This course is designed to provide students the content of a university level Spanish course while enrolled in high school. The focus of the course is on the mastery of listening, speaking, reading, and writing skills in Spanish. Emphasis is also placed on the refinement of the student’s ability to write compositions and conduct fluent conversation at a college level. This course will also introduce students to the literature of Spanish and Latin American nations.

4048 EMERGING LITERACY FOR SPANISH SPEAKERS

Length of Course: 1 Year

Grades: 10-12

Prerequisite: Teacher placement

Credits: 10

Type: Elective. This course satisfies the UC “E” requirement for a Language Other than English.

This literature based course offers native or native-like speakers an opportunity to strengthen and extend their primary language reading, writing, speaking, and thinking skills. This course assumes an elementary level of reading knowledge and will take the student through their middle grade level difficulty of text. Students will develop reading fluency in a natural, whole language program that emphasizes the use of quality literature as a basis for the development of strong writers. (This course is equivalent to Spanish III for the U.C. requirement.)

4051 LITERATURE FOR SPANISH SPEAKERS HONORS

Length of Course: 1 Year

Grades: 11-12

Prerequisite: Emerging Literacy for Spanish Speakers

Credits: 10

Type: Elective. This course satisfies the UC “E” requirement for a Language Other than English.

This literature based course offers native or native-like speakers an opportunity to strengthen and extend their primary language reading, writing, speaking, and thinking skills. (This course is equivalent to Spanish IV for non-native speakers).

4047 SPANISH IV LITERATURE - ADVANCED PLACEMENT

Length of Course: 1 Year

Grades: 10-12

Prerequisite: Literature for Spanish Speakers Honors

Credits: 10

Type: Elective. This course satisfies the UC “E” requirement for a Language Other than English.

This is a college-level course and follows closely the curriculum prescribed by the College Board. Upon completion of the course, students may choose to take, for a fee, the AP Examination in Spanish Literature. Participating colleges and universities may grant credit and/or suitable placement to students who have demonstrated appropriate proficiency through the exam.

4100 FRENCH I

Length of Course: 1 Year

Grades: 9-12

Prerequisite: None

Credits: 10

Type: Elective. This course satisfies the UC “E” requirement for a Language Other than English.

This course covers the basic skills of communication in French by developing listening and speaking skills. It is intended to develop conversation at a beginning level, with an emphasis on vocabulary and simple grammatical structures. The geography and culture of France will be interwoven throughout the course.

4120 FRENCH II

Length of Course: 1 Year

Grades: 9-12

Prerequisite: French I

Credits: 10

Type: Elective. This course satisfies the UC “E” requirement for a Language Other than English.

This course is the second in a sequence of classes designed to teach the basic skills of communications in French. Aural comprehension is emphasized. A solid foundation in hearing and speaking is provided with reading and writing skills added.

4130 FRENCH III

Length of Course: 1 Year

Grades: 9-12

Prerequisite: French II

Credits: 10

Type: Elective. This course satisfies the UC “E” requirement for a Language Other than English.

This course is the third in a sequence of courses designed to teach the skills of communication in French. Competence in a foreign language requires integration and cooperation of the four language skills; listening, speaking, reading, and audio-lingual skills that have been mastered in French I and French II classes.

4145 FRENCH IV—ADVANCED PLACEMENT

Length of Course: 1 Year

Grades: 9-12

Prerequisite: French III

Credits: 10

Type: Elective. This course satisfies the UC “E” requirement for a Language Other than English.

This is a college level course and follows closely the curriculum prescribed by the College Board. The course is delivered entirely in French with activities designed to provide practice for listening, speaking, reading, and writing in culturally appropriate real-world situations and ways. Students will be able to (1) listen to/read and comprehend simple and extended paragraphs, (2) speak and write in understandable simple paragraphs, and (3) make connections and comparisons between languages and cultures. Upon completion of the course students may choose to take, for a fee, the AP Examination in French Language. Participating colleges and universities may grant credit and/or suitable placement to students who have demonstrated appropriate proficiency through the exam.

PERFORMING ARTS

6101 THEATER I

Length of Course: 1 Year

Grades: 9-12

Prerequisite: None

Credits: 10

Type: Elective. This course satisfies the UC "F" requirement for a Visual and Performing Arts.

These courses are designed to introduce the art of theater through acting, production, and performance. Through reading of the textbook and scripts: writing essays and scripts; design, acting, and lecture, students will have beginning understanding of the history of drama and the dramatic profession. Students will develop and perform improvisations, monologues from well-known contemporary plays, exercises in pantomime, and learn to interpret the literature of the theater. Students will also learn the basics of the behind-the-scenes work needed to produce a show including: costumes, lighting, sound, and set design.

6102/6103 THEATER II/III

Length of Course: 1 Year

Grades: 10-12

Prerequisite: Theater II

Credits: 10

Type: Elective. This course satisfies the UC "F" requirement for a Visual and Performing Arts.

This is one of the performance groups of the Performing Arts Department. Students will develop advanced acting techniques and a deeper understanding of the technical and production aspects of the modern theater. Students will have the opportunity to perform in productions and drama festivals. Most work will be done during class time, however outside rehearsals and performances will be required.

6115 PLAY PRODUCTION - MUSICAL THEATER

Length of Course: 1 Semester

Grades: 9-12

Prerequisite: Audition

Credits: 5

Type: Elective. This course satisfies the UC "F" requirement for a Visual and Performing Arts.

This is the production group for the full length performances coordinated by the Performing Arts Department. This course develops the students' ability for real life theatrical applications including performing, lighting, set design, costuming, and strives to maintain the highest professional standards in public performance. Most work will be done during class time, however outside rehearsals and performances will be required.

2716/2717/2718 DANCE II/III/IV

Length of Course: 1 Year

Grades: 9-12

Prerequisite: Recent dance experience required

Credits: 10

Type: Elective. Satisfies second year PE or the UC "F" requirement for a Visual and Performing Arts.

These courses further develop and expand upon the knowledge and skills learned in Dance I. The students will learn harder variations of basic skills and more complicated routines while continuing to develop their strength, flexibility and coordination. Students will develop an appreciation of dance by choreographing routines and participating in performances.

7000 CHORALE

Length of Course: 1 Year

Grades: 9-12

Prerequisite: None

Credits: 10

Type: Elective. This course satisfies the UC "F" requirement for a Visual and Performing Arts.

Students will be exposed to the four components that make up the performing arts: artistic perception, creative expressions, historical and cultural context, and aesthetic valuing. Students will need to listen carefully, perceive patterns, and understand the use of musical elements in performing and creating music. Students will be exposed to the areas of music appreciation, music history, music theory, and performance practice.

7010 CONCERT CHOIR

Length of Course: 1 Year

Grades: 9-12

Prerequisite: Chorale or previous musical experience

Credits: 10

Type: Elective. This course satisfies the UC "F" requirement for a Visual and Performing Arts.

This course provides students with the opportunity to develop their vocal skills and to sing in performances. Students will study basic music skills and basic music theory fundamentals; reading notes, rhythm, and sight reading skills will be covered. Students participate in local concerts, choir festivals, and other related activities. Attendance at performances is mandatory to receive credit for the class.

7011/7016 CONCERT GLEE or CHAMBER SINGERS

Length of Course: 1 Year

Grades: 9-12

Prerequisite: Previous musical experience and audition required

Credits: 10

Type: Elective. This course satisfies the UC "F" requirement for a Visual and Performing Arts.

These courses train the advanced vocal student through experience and the opportunity to sing the finest music and vocal literature. Basic music theory fundamentals: reading notes, rhythm and sight reading skills will be covered. An emphasis is placed on developing musicianship and vocal technique, self confidence in solo singing, and a love for music. Students participate in local concerts, community performances, choir festivals, and benefit concerts. Attendance at performances and competitions is required for class credit.

7415 MARCHING BAND and 7420/7423 STAGE BAND/JAZZ BAND

Length of Course: 1 Year

Grades: 9-12

Prerequisite: None

Credits: 10

Type: Elective. This course satisfies the UC "F" requirement for a Visual and Performing Arts.

The Marching Band entails the wind instrumentalists, pit section, and drum line. The primary goal and function of the Marching Band is to perform halftime shows at football games, represent our school at community performances, parades, and competitions. Marching Band meets during 7th period throughout 1st semester.

The Stage Band is a performance-oriented ensemble for all new and returning students to the band program.

The primary goal and function of the Stage Band is to introduce students to the performance experience.

Students work on fundamental exercises such as scales, articulation, and intervallic drills, developing musicianship and ear training techniques, as well as rehearsing quality wind literature. Stage Band meets during 7th period throughout 2nd semester.

Students are required to participate in daily and weekend rehearsal, along with the August Band Camp.

7410 BAND CONCERT/7400 SYMPHONIC WINDS/7401 PERCUSSION/7425 ORCHESTRA STRING

Length of Course: 1 Year

Grades: 9-12

Prerequisite: Previous musical experience and audition required

Credits: 10

Type: Elective. This course satisfies the UC "F" requirement for a Visual and Performing Arts.

These are performance-level ensembles for serious and dedicated musicians. The primary goal and function is to introduce students to literature at the highest level along with a wide array of performance opportunities.

Students will spend time preparing literature from varying musical styles and genres while studying music theory and history. Students will perform in concerts which may require evening and weekend rehearsals.

7445 MUSIC I

Length of Course: 1 Year

Grades: 9-12

Prerequisite: None

Credits: 10

Type: Elective. This course satisfies the UC "F" requirement for a Visual and Performing Arts.

This course is designed to be a survey of music course. In this course, students will learn the basic elements that go into making music, as well as learn to identify musical instruments and their sounds. Students will also cover music history from early music through Jazz, The American Musical (Broadway), and Rock & Roll. Some beginning music theory may be taught as well.

6056 STUDENT MANAGEMENT TEAM/PRODUCTION & MANAGERIAL ARTS

Length of Course: 1 Year

Grades: 9-12

Prerequisite: None

Credits: 10

Type: Elective. This course satisfies the UC "G" requirement for Electives.

This course will cover the basics of theatrical management in relation to the Front of the House operations of a theatre by applying concepts of communications, business/economics, and hospitality. Students will gain working knowledge of customer service, marketing, entertainment management, box office, and ushering through first-hand work experience by providing Front of the House staffing at events in the Helene Galen Performing Arts Center (HGPAC). Students will promote events through various marketing platforms, with website creation and maintenance as the main avenue to promote events and sell tickets.

VISUAL ARTS

6010 ART I

Length of Course: 1 Year

Grades: 9-12

Prerequisite: None

Credits: 10

Type: Elective. This course satisfies the UC "F" requirement for a Visual and Performing Arts. In this beginning art class the student will be introduced to the basic element and principles of design. Students will develop artistic perception by processing, analyzing and responding to sensory information through the language of fine art. This student will be creating, performing and participating, responding to, analyzing, and making critical assessment about works in a given art form. The student will use various drawing and painting media to interpret his/her environment visually and to express himself creatively. The student will also develop a vocabulary of art terms with which to discuss their work and that of other artists.

6015 ART II

Length of Course: 1 Year

Grades: 10-12

Prerequisite: Completion of Art I

Credits: 10

Type: Elective. This course satisfies the UC "F" requirement for a Visual and Performing Arts. Art II is an extenuation of Art I in the sense that all the skills and techniques acquired in Art I will be used to develop advanced skills in the areas of figure drawing, still life, objects, landscapes, and groups of people. The student will develop advanced techniques in drawing, painting, sculpting, and creative expression; students will develop advanced skills in the human figure, still life, objects, landscapes, and groups of people. The student will present evidence of the ability to work on a wide variety of artistic problem solving that exhibits mastery; will occur through the use of a wide variety of media. Student will be able to talk and write, with discrimination about artistic materials and styles, and will be expected to participate in local and county art exhibits.

6020 ART III

Length of Course: 1 Year

Grades: 10-12

Prerequisite: Completion of Art II

Credits: 10

Type: Elective. This course satisfies the UC "F" requirement for a Visual and Performing Arts. This is the second year of advanced education in applied art and is portfolio oriented. It provides the opportunity for further advancement in skills, concepts, and practice. Students will continue to develop advanced techniques in drawing, painting, sculpting, and creative expression.

6025 ART IV

Length of Course: 1 Year

Grades: 10-12

Prerequisite: Completion of Art III

Credits: 10

Type: Elective. This course satisfies the UC "F" requirement for a Visual and Performing Arts. This is the third year of advanced education in applied art and is portfolio oriented. It provides the opportunity for further advancement in skills, concepts, and practice. Students will continue to develop advanced techniques in drawing, painting, sculpting, and creative expression.

PHYSICAL EDUCATION

2726 PE CORE 9TH

Length of Course: 1 Year

Grades: 9

Prerequisite: None

Credits: 10

Type: Required.

This physical education program emphasizes physical development through daily exercise and sports activities. Skill development includes participation in all types of team sports, individual sports, and rhythmic activities. Physical fitness testing is also included in the program.

2715 DANCE I

Length of Course: 1 Year

Grades: 9-12

Prerequisite: None

Credits: 10

Type: Elective. Satisfies 9th grade or second year PE requirement.

This course provides a basic knowledge of all dance skills while developing strength, flexibility and coordination. Students will learn stage directions, dance terminology, specific dance skills and “step” to be used in routines choreographed to contemporary music.

2716/2717/2718 DANCE II/III/IV

Length of Course: 1 Year

Grades: 9-12

Prerequisite: Recent dance experience required

Credits: 10

Type: Elective. Satisfies second year PE or the UC “F” requirement for a Visual and Performing Arts.

These courses further develop and expand upon the knowledge and skills learned in Dance I. The students will learn harder variations of basic skills and more complicated routines while continuing to develop their strength, flexibility and coordination. Students will develop an appreciation of dance by choreographing routines and participating in performances.

2606 WEIGHT TRAINING

Length of Course: 1 Year

Grades: 10-12

Prerequisite: None

Credits: 10

Type: Elective. Satisfies second year PE requirement.

Monday, Wednesday and Friday will be used for weightlifting with specific lifts being executed and recorded in individual weight program folders. Tuesday and Thursday will be used for cardiovascular recreational activities; basketball, volleyball, a 30-minute fitness run, soccer, tennis, football, and badminton.

2607 WEIGHT TRAINING - ADVANCED

Length of Course: 1 Year

Grades: 10-12

Prerequisite: Weight training

Credits: 10

Type: Elective. Satisfies second year PE requirement.

The student will learn advanced movements of weight training, explosive exercises, and cardiovascular exercise. These movements will be built from those taught from Weight Training and Conditioning. Anatomy, exercise physiology, and sport specific movements will also be emphasized.

2500 PE SPORTS ADVANCED

Length of Course: 1 Year

Grades: 9-12

Prerequisite: Must be a member of an athletic team

Credits: 10

Type: Elective. Satisfies second year PE requirement.

This course is designed specifically to meet the developing needs during the school year of student athletes. Students enrolled in Advanced Sports must be active members of an athletic team during the school year. Course activities include weight training, conditioning, physical fitness, in addition to developing advanced skills in all sports areas.

2721 LOW IMPACT AEROBICS

Length of Course: 1 Year

Grades: 10-12

Prerequisite: None

Credits: 10

Type: Elective. Satisfies second year PE requirement.

The students will learn variations of basic skills and routines while continuing to develop their strength, endurance and coordination. They will demonstrate different forms of exercise; teach a class, including information concerning routine format, rhythms and body awareness. They will utilize weights and step aerobics including a warm-up and cool-down phase.

2722 LOW IMPACT AEROBICS II

Length of Course: 1 Year

Grades: 10-12

Prerequisite: Low Impact Aerobics

Credits: 10

Type: Elective. Satisfies second year PE requirement.

The students will learn variations of basic skills and routines while continuing to develop their strength, endurance and coordination. They will demonstrate different forms of exercise; teach a class, including information concerning routine format, rhythms and body awareness. They will utilize weights and step aerobics including a warm-up and cool-down phase. This course builds on the prior class.

2608.1 LIFETIME SPORTS

Length of Course: 1 Year

Grades: 10-12

Prerequisite: None

Credits: 10

Type: Elective. Satisfies second year PE requirement.

This course is set up in 3-4 week units offering a variety of sports and activities with intermediate/advanced skills and plays emphasized. Physical Education units will include weight training, leisure and lifetime sports, and step, pump, and fitness conditioning.

CAREER TECHNICAL EDUCATION

5630 INTRODUCTION TO TECHNICAL THEATER

Length of Course: 1 Year

Grades: 10-12

Prerequisite: None

Credits: 10

Type: Elective.

This course is designed to introduce students to the technical and production aspects of the theater. Students will acquire basic skills and knowledge in the areas of design and construction of stage scenery and properties, as well as fundamentals of lighting and sound design, costume and make-up, and the role of the theatrical arts.

5631 TECHNICAL THEATER I

Length of Course: 1 Year

Grades: 11-12

Prerequisite: Completion of Theater I

Credits: 10

Type: Elective

This hands-on course reinforces to students the action that goes on “behind the scenes” in a theatrical production. Students will be directly involved in the technical aspects of the Rancho Mirage Performing Arts Department’s productions as they design and construct sets, costumes and makeup; hang lights, create special effects, paint, and build props for the productions. Students will learn specialized vocabulary and learn set design, lighting design and costume design. Students will reflect on design elements found in school and outside productions with design analysis and critique. Students will learn practical application by working on productions.

5632 TECHNICAL THEATER II

Length of Course: 1 Year

Grade: 12

Prerequisite: Completion of Technical Theater I

Credits: 10

Type: Elective

This hands-on course continues to reinforce to students the action that goes on “behind the scenes” in a theatrical production. Students will be directly involved in the technical aspects of the Rancho Mirage Performing Arts Department’s productions as they design and construct sets, costumes and makeup; hang lights, create special effects, paint, and build props for the productions. Students will learn specialized vocabulary and learn set design, lighting design and costume design. Students will reflect on design elements found in school and outside productions with design analysis and critique. Students will learn practical application by working on productions and designing their own shows.

5606 FOODS & NUTRITION

Length of Course: 1 Year

Grades: 9

Prerequisite: None

Credits: 10

Type: Elective.

This course is designed for the selection, preparation and storage of food. Techniques in food preparation are developed. Food components and their specific nature and behavior during preparation are introduced, along with the recognition and evaluation of quality in food products. Basic kitchen utensils and equipment will be covered.

5660 CULINARY I

Length of Course: 1 Year

Grades: 10

Prerequisite: Application required

Credits: 10

Type: Elective.

This course is designed to improve the selection, preparation, storage and combinations of food and beverages. Techniques in heavy food preparation and beverage association are introduced. Components and specific nature and behavior of foods during preparation are developed, along with beginning the recognition and evaluation of quality in products. Basic kitchen utensils and equipment will be covered.

5661 CULINARY II

Length of Course: 1 Year

Grades: 11

Prerequisite: Completion of Culinary I

Credits: 10

Type: Elective.

This course is designed to expand students' skills related to the selection, preparation, storage and combinations of food and beverages. Techniques in heavy food preparation and beverage association are advanced. Components and specific nature and behavior of foods during preparation are further developed, along with improving the recognition and evaluation of quality in products. Advanced kitchen utensils and equipment will be covered.

5662 CULINARY III

Length of Course: 1 Year

Grades: 12

Prerequisite: Completion of Culinary II

Credits: 10

Type: Elective.

This course is designed to expand students' skills related to the selection, preparation, storage and combinations of food and beverages. Techniques in heavy food preparation and beverage association are advanced. Components and specific nature and behavior of foods during preparation are further developed, along with improving the recognition and evaluation of quality in products. Advanced kitchen utensils and equipment will be covered. Management skills and work force preparedness will be emphasized throughout the course.

5240 INTRO TO AUTOMOTIVE TECHNOLOGY

Length of Course: 1 Year

Grades: 9

Perquisite: None

Credits: 10

Type: Elective.

Intro to Automotive Technology is a course designed to prepare the student for entry-level employment in the automotive service industry. Students will experience basic skills related to tires, batteries, accessories, electrical, cooling systems, and fuel systems. Instruction includes both theory and lab experiences.

5245 AUTO-010: INTRODUCTION TO AUTOMOTIVE (Dual Enrollment – COD)

Length of Course: 1 Year

Grades: 10

Perquisite: Application required

Credits: 10

Type: Elective.

This is a course designed advance student's learning from the Intro to Automotive Technology course. The goal is to prepare the student for entry-level employment in the automotive service industry. Students will experience basic skills related to tires, batteries, accessories, electrical, cooling systems, and fuel systems. Instruction includes both theory and lab experiences.

5246 AUTO-012A: AUTOMOTIVE STEERING & SUSPENSION (Dual Enrollment – COD)

Length of Course: 1 Year

Grades: 11

Perquisite: Completion of AUTO-010

Credits: 10

Type: Elective.

This course provides lecture/discussion and hands-on experience understanding, servicing, troubleshooting, diagnosing and repairing automotive steering and suspension systems. This course focuses on theory and hands-on experience in automotive steering and suspension systems including: theory of operation, service, diagnosis and repair. The course includes the following topics: front and rear suspension types, steering systems, four-wheel alignment, shocks, struts, tires and wheels. A test fee for the appropriate Automotive Service Excellent (ASE) Student Exam is required.

5247 AUTO-013A: AUTOMOTIVE BRAKING SYSTEMS (Dual Enrollment – COD)

Length of Course: 1 Year

Grades: 12

Prerequisite: Completion of AUTO-012A

Credits: 10

Type: Elective.

This course provides theory and hands-on experience in automotive braking systems including: theory of operation, service, diagnosis and repair including both base braking and anti-lock braking systems and components. This class provides lecture/discussion and hands-on experience understanding, servicing, troubleshooting, diagnosing and repairing automotive braking. A test fee for the appropriate Automotive Service Excellent (ASE) Student Exam is required. Internship opportunities are available to advanced students.

NON-DEPARTMENTAL

1551 PRE-LEADERSHIP

Length of Course: 1 Year

Grade: 9-12

Prerequisite: None

Credits: 10

Type: Elective.

The main objective of this course is to improve the character and leadership skills of students. Students will be immersed in the study of 18 commonly-values traits to get them to read about, write about, and think about these traits on a daily basis. It is only through this intentional study that emotional, cognitive, and behavioral change occurs. While the primary goal is to improve character and leadership traits, students will also be challenged to improve reading, writing, public speaking, high-order thinking, and emotional IQ. This course is also a prerequisite for any student who would like to apply for the ASB elective.

1552 LEADERSHIP - ASB

Length of Course: 1 Year

Grade: 10-12

Prerequisite: Pre-Leadership course

Credits: 10

Type: Elective.

ASB is a demanding, co-curricular program for those active, committed students who have been elected, appointed, or interested in ASB. ASB is a year-long course with an emphasis on developing a greater understanding of the skills it takes to be a successful leader and effective teen in today's world. This course outlines theories of leadership and management skills and then provides realistic opportunities to exercise and test these skills by coordinating and executing school-wide and community activities. Leadership is not just an elective class: it's an opportunity for personal growth, community involvement and school improvement. ASB allows students a way to leave a positive, lasting legacy at RMHS.

5452 YEARBOOK PRODUCTION

Length of Course: 1 Year

Grades: 9-12

Prerequisite: None

Credits: 10

Type: Elective.

Students will learn and practice the skills needed to produce a quality yearbook documenting the events and activities of the school year. These skills include photography, layout design, copy and headline writing, development of themes and advertising campaigns. Students should be self-motivated and take responsibility for individual deadlines. They must be willing to work after school, evenings, and on weekends in order to meet deadlines. Parent support is as essential as student dedication is for the completion of a quality yearbook.

5455 YEARBOOK PRODUCTION - ADVANCED

Length of Course: 1 Year

Grades: 10-12

Prerequisite: Application required

Credits: 10

Type: Elective.

Students will continue to develop and practice the skills needed to produce a quality yearbook with the advanced students assuming the roles of editor, section editors, and photographers. Students will be in charge of particular parts of the publication. Manager of sales and advertising duties will be assigned to the advanced students. They will be expected to act as team leaders and work closely with the beginning students. Excellent study habits and a willingness to do considerable work outside of class instruction are essential when deadlines approach. Parent support is as essential as student dedication is for the completion of a quality yearbook.

8501 AVID - ADVANCEMENT VIA INDIVIDUAL DETERMINATION – YEAR I/II/III/IV

Length of Course: 1 Year

Grade: 9-12

Prerequisite: AVID coordinator approval

Credits: 10

Type: Elective

The AVID Program is designed to help students “in the middle” with academic potential to prepare for admission to a four-year college or university and success in college coursework. Students are required to enroll in rigorous curriculum, maintain an organized binder with daily notes in all classes, commit to nightly homework, participate in AVID events, and take college admissions tests on a prescribed schedule. Curriculum for the AVID elective class includes the AVID writing program and strategies for success, peer tutoring, and exposure to the worlds of college and post-college work through guest speakers and other activities. Extensive parent support and participation at AVID meetings and functions are required.

1029 JOURNALISM I

Length of Course: 1 Year

Grade: 9-12

Prerequisite: None

Credits: 10

Type: Elective

In Journalism, students will study the strategies of news writing and news gathering, as well as learn the specialized vocabulary of the journalism industry. Students will learn the ethical considerations that journalists must take into account when putting together a story. Throughout the year, students in this class will learn journalistic methods of writing, filming and editing a digital story for an authentic audience. Students will regularly critique their own segments and those of others, utilizing digital tools to create and edit materials.

1030 JOURNALISM II

Length of Course: 1 Year

Grade: 9-12

Prerequisite: Journalism I

Credits: 10

Type: Elective

In Journalism II, students will deepen their knowledge of news writing, and further their specialized vocabulary of the journalism industry. Students will practice ethical considerations that journalists must take into account when putting together a story. They will fill editorial roles in the organizational structure of the staff. They will examine and critique the works of other students, and guide new journalists in learning the skills necessary to create segments for broadcast. Students in this class will help other students revise their writing, filming, and editing. They will be responsible for meeting deadlines and production schedules and holding other students to the same schedules.

4547 GENERAL WORK EXPERIENCE

Length of Course: 1 Quarter (may be repeated)

Grade: 11-12

Prerequisite: Employment with work permit

Credits: 2.5

Type: Elective

General Work Experience is an elective class in which students earn credit through a combination of classroom instruction and paid employment. General Work Experience is open to 16-year old students enrolled in the 11th or 12th grade who are employed for a minimum of 10 hours per week. Students must attend one class session per week.

4550/4549 TEACHER’S AIDE CLASSROOM and CLERICAL SERVICE OFFICE AIDE

Length of Course: 1 Year

Grade: 12

Prerequisite: Counselor/Administrative approval

Credits: 10

Type: Elective.

Clerical Service or Teacher’s Aide allows a student to gain practical experience while serving as an aide to office staff or a teacher. Satisfactory performance in the position enables a student to work a full year.

4555/4556 ACADEMIC and BILINGUAL TUTOR

Length of Course: 1 Year

Prerequisite: Counselor/Administrative approval

Type: Elective.

This course enables the above average student to tutor in a specific content area or assist non-English and/or limited English speaking students. The tutor will assist the instructor by providing academic support to students while gaining leadership skills.

Grade: 12

Credits: 10

1560 PEER COMMUNICATIONS I/II (PLUS)

Length of Course: 1 Year

Prerequisite: None

Type: Elective.

Peer Leaders Uniting Students (PLUS) is a program that implements youth development activities at schools across America, the PLUS Program has evolved into an identity that serves to build safe school climates by protecting, connecting, and educating students, staff, and parents. The core of the PLUS program can be found in the young people who take on the responsibility of being a PLUS Team member. The PLUS Team is the catalyst for establishing a positive campus culture for all students to participate in and achieve personal success. The course is designed to enhance the skills of the student leaders as they facilitate group activities on campus. The PLUS Team is responsible for facilitating a forum of discussion between students on campus. The main objective of this course is to provide the leadership and facilitation skills needed by the PLUS Team members to facilitate these critical conversations and activities.

Grade: 10-12

Credits: 10

1561 PEER COMMUNICATIONS III/IV (PLUS)

Length of Course: 1 Year

Prerequisite: Peer Communications I/II

Type: Elective.

Students in the Peer Leaders Uniting Students (PLUS) program continue to develop their mastery of building safe school climates. Students continue to facilitate forums and activities on campus with the following course objectives: improve overall development of the students: cognitive, emotional, and behavioral; impress upon students the need for stronger character and moral development; improve communication and public speaking skills; develop critical thinking and decision-making skills; encourage students to demonstrate tolerance and respect for other people's viewpoints; build leadership abilities that will help students in school, relationships, and careers; afford students ample opportunity to apply course concepts to their own lives; analyze the influence of family, peers, culture, media, technology, and other factors on health behaviors.

Grade: 11-12

Credits: 10