

Mira Costa High School



**Course Description Book
School Year 2018-2019**

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**Website: www.miracostahigh.org
Website for Mira Costa's approved UC a-g Course List:
www.ucop.edu/doorways**

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- SoCal ROC Courses

* Must include first-year algebra or higher

** Must include one year of physical and one year of biological science

*** Unless exempted pursuant to Ed. Code 51241

Subject/Grade	9 th	10 th	11 th	12 th	Semesters/ Credits
ENGLISH	Two Semesters (10)	Two Semesters (10)	Two Semesters (10)	Two Semesters (10)	Eight Semesters (40)
MATHEMATICS*	Two Semesters (10)	Two Semesters (10)			Four Semesters (20)
SCIENCE**	Two Semesters (10)	Two Semesters (10)			Four Semesters (20)
ARTS OR FOREIGN LANGUAGE					Two Semesters (10)
SOCIAL STUDIES		Two Semesters (10)	Two Semesters (10)	Two Semesters (10)	Six Semesters (30)
HEALTH (Embedded in Fitness & Nutrition)					One Semester (5)
P.E./ATHLETICS	Two Semesters (10)	Two Semesters (10)			Four Semesters (20)
ELECTIVES					Seventeen Semesters (85)
MINIMUM CREDITS REQUIRED	60	60	60	50	230

Vision Statement:

Mira Costa is a community of learners where each member has the opportunity to achieve academic, creative, personal, and social excellence.

Expected Schoolwide Learning Results

Mira Costa High School graduates, in becoming learners, will be:

1. Effective Communicators Who

- demonstrate skills in reading, writing, and mathematics and apply them across the curriculum
- articulate ideas clearly and effectively through oral, written and artistic expression and creative means
- read, listen, and respond effectively and critically
- use technology to access and utilize information
- are self-advocates

2. Critical Thinkers Who

- work independently and collaboratively
- solve problems effectively by employing high level thinking skills
- identify, assess, analyze, synthesize, use and cite resources and information productively
- explore, discuss, and demonstrate an academic growth and development
- demonstrate academic responsibility by meeting or exceeding the standards set by faculty and staff

3. Self-Directed Learners Who

- work toward achieving potential by setting challenging and achievable goals
- demonstrate personal accountability and principled behavior
- exhibit good study/work habits that include regular school/work attendance and effective time management
- monitor, assess, and reflect upon their academic growth and development
- demonstrate academic responsibility by meeting or exceeding the standards set by faculty and staff

4. Responsible Citizens Who

- are proactive in taking responsibility for their own actions
- acknowledge and respect cultural and ideological diversity and individual differences
- participate in community service
- respect property and natural resources
- demonstrate awareness of a healthy and productive lifestyle
- continue to represent MCHS on and off campus

Course Prerequisites

Each course has both a required and a recommended prerequisite. The required prerequisite must be fulfilled prior to enrolling the next course. The recommended prerequisite will help students determine their preparation level and likelihood for successful completion of the course listed. *Successful completion* means the student earned a C- or better in the course. All grades listed on prerequisites are meant to include the grade with either a + or a – also.

Add/Drop Policy

The add/drop window for all courses will be the third week of the semester. Please refer to the 2018-2019 calendar for specific dates. Students need to determine prior to that date whether or not they wish to continue in a course or change to another course. Students need to meet with a counselor to make that change in their schedule.

The level-down window will be the fifth week of the semester. Please refer to the 2018-2019 calendar for specific dates. Students need to determine prior to that date whether or not they wish to level down from an accelerated course into the regular course. This change is an interdepartmental change only. Students need to meet with a counselor to make that change in their schedule. Grades earned in a dropped course follow the student into the newly added course if the new course is in the same subject area.

AP Courses

Students can take no more than four Advanced Placement (AP) classes in one year. Three AP classes is considered a full college load. Students should take this into consideration when scheduling their courses for the following year. AP screencasts are available on the Mira Costa website for students to review to gain insight into the rigor, expectations and demands of each AP course.

Time Management Worksheet

A goal of the Manhattan Beach USD is to reduce the amount of unhealthy stress experienced by our students. In order assist with this goal, Mira Costa High School has updated the Time Management Activity worksheet along with an Estimate of Times Sheet to help students plan for their 2018-2019 school year (see attached pages). It is highly suggested that students take the time to complete the activity to ensure that they are being challenged but not overloaded. The goal is to have well-balanced Mustangs.

HEALTH AND WELLNESS

Course Title: Health/Health Online

Grade Level: 9-12

Length of Course/Credits: 1 semester/5 credits

Required Prerequisite: None

Recommended Prerequisite: None

Meets District Graduation Requirement: Health

Fulfills UC/CSU Requirements: No

Textbook: *Lifetime Health*, ISBN: 0-03-064614-6

Expectations: Lectures and discussions will occur regularly in class and will accompany notes. These notes form the main guide for tests and quizzes. Homework will include studying for quizzes and tests, completion of assignments begun in class, and a community service project.

Course Description: Health Education is required for graduation in the state of California. Students normally take Health in their freshman year via the Fitness and Nutrition course. It is typical for this Health class to have students from grades 9-12 enrolled. Health Education is a survey of topics important to today's teenagers. More specifically, topics include: physical fitness, nutrition, heart disease, cancer, tobacco, alcohol, drugs, first aid, and sex education. In addition to the regular course of study, a community service project is required in order to pass the class. This project requires between 20-28 hours of volunteer work in the community. For more information contact your counselor or Mr. Beaumont (Room 105, ext. 5128).

New this year is an online course covering the same content and meeting all graduation requirements.

*This stand-alone Health course is for **athletes only** and for any **10th-12th graders** still needing the Health requirement.

Course Title: Fitness and Nutrition

Grade Level: 9

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: None

Recommended Prerequisite: None

Meets District Graduation Requirement: Yes; fulfills **both** 9th Grade P.E. **and** Health requirements

Fulfills UC/CSU Requirements: Yes; "g" elective credit

Textbook: *Lifetime Health*, ISBN: 0-03-064614-6

Expectations: Students will be expected to dress out in the proper uniform. Uniforms are purchased at the Student Store. Students should participate in all class activities to the best of their ability. Lectures and discussions will also occur in class and will accompany notes. These notes form the main guide for tests and quizzes. Homework will include studying for quizzes and tests, completion of assignments started in class, and a community service project.

Course Description: This course combines P.E. 9 and Health into a single, year-long course and will earn the student 10 credits upon completion.

Course Title: Physical Education

Grade Level: 9-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: Successful completion of Fitness and Nutrition.

Recommended Prerequisite: None

Meets District Graduation Requirement: Physical Education

Fulfills UC/CSU Requirements: No

Textbook: None

Expectations: Students will be expected to dress out in the proper uniform daily. Uniforms are purchased at the Student Store. Students should participate in all class activities to the best of their ability.

Course Description: This course is designed to be part of a continuous process to meet the standards in physical education through personal fitness, individual, and team sports. Activities in this course are designed to prepare students for the California Physical Fitness Test (PFT). Students are required to take PE every year until passing the PFT.

Course Title: Surf Team

Grade Level: 9-12

Length of Course/Credits: 1 year/10 credits (Upper-class priority)

Required Prerequisite: Position on the Surf Team is earned through a competitive Spring try-out

Meets District Graduation Requirement: Physical Education

Fulfills UC/CSU Requirements: No

Textbook: None

Expectations: Team members will compete before school in a local high school league along with four to five Saturday specialty contests. The team will both attend and host non-league contests with high schools. Top competitors will compete at the NSSA State and National Championships. Team members are expected to work out as a team after school on Tuesdays and Thursdays with a fitness trainer. Team members must provide their own equipment and transportation.

Course Description: The Surf program is highly competitive and is divided into junior varsity and varsity levels. Competition is at the varsity level only. The program runs Monday through Friday and meets at the 26th Street lifeguard tower at 6:30 a.m. Punctuality is required to continue on the team. Tryouts for varsity are held in the Fall. Tryouts to get into the program are held in the Spring of the year prior. Dates for tryouts will be announced.

Course Title: Team Sports

Grade Level: 9-12

Length of Course/Credits: 1 semester/5 credits

Required Prerequisite: None

Recommended Prerequisite: None

Meets District Graduation Requirement: Physical Education

Fulfills UC/CSU Requirements: No

Expectations: Being a member of an athletic team is both a tremendous honor and a significant responsibility. Teams practice on a daily basis during their season, often including Saturdays. Sports can run through school vacation and frequently have practices and/or games scheduled during vacation time. Before trying out for a sport, the student should consider the time commitment. Once a student is on a team, they are expected to complete the season, including positive attendance at all games and practices. In order for a student to participate in athletics at Mira Costa High School, their grades must reflect a 2.0 grade point average or better and a minimum of twenty (20) credits of new work completed or in progress. Every athlete is required to be registered on the 8 to18 website <https://miracosta.8to18.com/accounts/login> and turn in a completed physical form to the Administration Office. Emphasis is placed on developing performance for CIF competition.

Course Description: These courses develop skills and team concepts in the following sports:

Badminton	Golf-Girls	Swim
Baseball	Ice Hockey	Tennis-Boys
Basketball-Boys	Lacrosse-Boys	Tennis-Girls
Basketball-Girls	Lacrosse-Girls	Track
Beach Volleyball-Boys	Marching Band	Indoor Volleyball-Boys
Beach Volleyball-Girls	Rugby-Boys	Indoor Volleyball-Girls
Cheer Team	Rugby-Girls	Water polo-Boys
Dance Team	Soccer-Boys	Water polo-Girls
Flags	Soccer-Girls	Wrestling
Football	Softball	Cross-Country-Boys
Golf-Boys	Surf Team	Cross-Country-Girls

Course Title: Weight Training

Grade Level: 10-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: Successful completion of Fitness and Nutrition.

Recommended Prerequisite: None

Meets District Graduation Requirement: Physical Education

Fulfills UC/CSU Requirements: No

Textbook: None

Expectations: Students will be expected to dress out in the proper uniform every day. Uniforms are purchased at the Student Store. Students should participate in all class activities to the best of their ability.

Course Description: This course is designed to give students the opportunity to learn weight training concepts and techniques used for obtaining optimal physical fitness. Students will benefit from comprehensive weight training and cardio-respiratory endurance activities. Students will learn the basic fundamentals of weight training, strength training, aerobic training, and overall fitness training and conditioning. This course includes both lecture and activity sessions.

Course Title: Yoga

Grade Level: 10-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: Successful completion of Fitness and Nutrition.

Recommended Prerequisite: None

Meets District Graduation Requirement: Physical Education

Fulfills UC/CSU Requirements: No

Textbook: None

Expectations: Students will be expected to dress out in the proper uniform every day. The uniform in yoga consists of a regular PE shirt and any black athletic bottoms. Each student must provide their own yoga mat. Students should participate in all class activities to the best of their ability.

Course Description: This course is designed to safely introduce students to the basic postures (asanas), breathing techniques (pranayama), and relaxation methods of yoga. Students will learn proper alignment, the health benefits of yoga, to practice mindfulness, and the knowledge and skills to keep fit for life. Students will begin to experience the benefits of stretching, moving, and breathing freely as they relieve built-up stress, learn relaxation techniques, improve concentration, and ultimately get more out of day-to-day life. This course will discuss the different styles of yoga, the importance of proper nutrition, and how yoga and meditation can help with athletic performance, recovery, and everyday life. The aim of this course is to promote vibrant health and to tap the body's latent energy reserves, while also promoting the importance of a lifetime of physical activity.

ENGLISH

Course Title: Creative Writing

Grade Level: 9-12

Length of Course/Credit: 1 year/10 credits

Required Prerequisite: None

Recommended Prerequisite: None

Meets District Graduation Requirement: Elective

Fulfills UC/CSU Requirements: Yes, “g” Elective

Textbook: See Syllabus

Course Description: Students explore and practice several kinds of imaginative writing including, but not limited to, fiction, poetry, and prose. Although excellence is encouraged, students are evaluated on the completion of various kinds of creative assignments and a portfolio.

Course Title: English Language Development (ELD)

Grade Level: 9-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: None

Recommended Prerequisite: EL Instructor recommendation.

Meets District Graduation Requirement: 1 year English credit or Elective

Fulfills UC/CSU Requirements: No

Textbook: None

Course Description: ELD is the term used to discuss an English Language Development academic program. It is a program with an aim to assist ANY and ALL students on campus whose primary language is not English. Our ELD program gives these students the opportunities they need to develop their English skills and succeed in school.

Course Title: English 9

Grade Level: 9

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: None

Recommended Prerequisite: None

Meets District Graduation Requirement: English, Language Arts

Fulfills UC/CSU Requirements: Yes, “b” English

Textbook: Core and Extended Lists – school provides all copies but students may elect to obtain their own for annotation

Expectations: This is a college preparatory course. The course contains regular reading and writing assignments throughout the year. Homework and individual and collaborative projects are assigned regularly.

Course Description: All incoming ninth grade students are enrolled in a college preparatory English course. The thrust of this college preparatory course is to help students challenge themselves in reading, writing, speaking, and listening. The course focuses on the study of core and extended works, including novels, short stories, poetry, and drama. Students read and discuss selections from all genres and deal with a variety of themes and topics. Students will also have a wide range of writing assignments, will learn the effective use of process writing, and will build extensive vocabularies. Furthermore, they will develop higher level thinking skills and focus on the analysis of themes by responding to literature in writing, discussion, collaborative learning activities, and oral presentations.

Course Title: English 10**Grade Level: 10****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of English 9.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** English, Language Arts**Fulfills UC/CSU Requirements:** Yes, “b” English**Textbook:** Core and Extended Lists – school provides all copies but students may elect to obtain their own for annotation**Expectations:** This is an English 10 college preparatory course. This course contains regular reading and writing assignments throughout the year. Homework and individual and collaborative projects are assigned regularly.**Course Description:** All tenth grade students study British and World Literature, covering prose fiction and non-fiction, poetry, and drama; the core and extended literary works serve as a basis for a wide variety of assignments, particularly interpretation essays but also other writing styles, such as personal narrative and persuasive essays, and individual and collaborative projects. Students also continue building on their reading, writing, listening, and speaking skills through related assignments.**Course Title: English 10 Advanced****Grade Level: 10****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of English 9 and application and acceptance into English Advanced.**Recommended Prerequisite:** Completion of English 9 with a grade of B or better and application and acceptance into English 10 Advanced.**Meets District Graduation Requirement:** English**Fulfills UC/CSU Requirements:** Yes “b” English**Textbook:** Core and Extended Lists – school provides all copies but students may elect to obtain their own for annotation**Expectations:** This course begins with mandatory summer reading and assessment and continues with regular reading and writing assignments throughout the year. Homework and individual and collaborative projects are assigned regularly for all courses throughout the year.**Course Description:** Grade 10 is the first year that students may enroll in an advanced English program at Mira Costa High School. Students in this class study British and World Literature, which will serve as a basis for many in-depth writing assignments, particularly interpretation essays. The pace is quick and assignments are many. Although this course is challenging and demanding, most students find it rewarding and wish to continue in the honors program for their last two years at Mira Costa.**Course Title: English 10 Block (English 10/Modern World History)****Grade Level: 10****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of English 9.**Recommended Prerequisite:** Completion of English 9 with a grade of B or better.**Meets District Graduation Requirement:** English**Fulfills UC/CSU Requirements:** Yes “b” English**Textbook:** Core and Extended Lists – school provides all copies but students may elect to obtain their own for annotation**English 10 Block course Description:** This course is taught by two teachers and integrates World History into English literature through a study of core and extended prose, fiction and non-fiction, poetry, and drama. This course helps students challenge themselves in reading, writing, speaking, and listening and will continue to emphasize close textual analysis of the literature. Furthermore, students will continue developing higher-level thinking skills and will learn the effective use of process writing.

Course Title: English 11**Grade Level: 11****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of any English 10 course.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** English, Language Arts**Fulfills UC/CSU Requirements:** Yes, “b” English**Textbook:** Core and Extended Lists – school provides all copies but students may elect to obtain their own for annotation**Expectations:** This is a college preparatory-level course. This course contains regular reading and writing assignments throughout the year. Homework and individual and collaborative projects are assigned regularly.**Course Description:** The eleventh grade English program offers two paths: most students will follow the college preparatory course while others may elect to follow the honors program; however, tenth grade students who earned a grade of A or B in their English 10 class also may apply for inclusion into the following year’s eleventh grade Honors English program. The previous year’s sophomores who earned an A or B in their tenth grade English Advanced course will automatically graduate to the eleventh grade Honors English program.

English 11 is a study of American Literature and the forces that have contributed to American culture. In addition to specific literary works, the course will emphasize both American literary history and specific literary movements. The course will emphasize close textual analysis of all works of literature through discussion, small group study, and writing. Students will also be expected to complete at least one research assignment throughout the year.

Course Title: Honors English 11**Grade Level: 11****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of English 10 Advanced or application and acceptance into Honors English 11.**Recommended Prerequisite:** Completion of English 10 Adv with a grade of B or better, or completion of English 10 with a grade of A and successful application and acceptance into Honors English 11.**Meets District Graduation Requirement:** English**Fulfills UC/CSU Requirements:** Yes, “b” English**Textbook:** Core and Extended Lists – school provides all copies but students may elect to obtain their own for annotation**Expectations:** This course begins with mandatory summer reading and assessment and continues with regular reading and writing assignments throughout the year. Homework and individual and collaborative projects are assigned regularly for all courses throughout the year.**Course Description:** English 11 Honors is a study of American literature and the forces that have contributed to American ideals, goals, and cultures. The course emphasizes both American literary history and specific literary movements. A close textual analysis of literature is emphasized through discussion, small group study, and writing. Students are expected to complete at least one research assignment throughout the year.

Semester Seminars: The semester-long senior seminars are college-preparatory level courses that focus on particular literary and/or cultural subjects of interest – for example, Literature of the 1980s, Women’s Literature, Noir Literature, Philosophy in Literature, Themes in American Literature and Film, Thanatology, Apocalypse Literature, Dangerous Books, Performance Literature, and Love, Marriage and Delusions. Unlike the yearlong course wherein students remain in the class for the entire year, the seminars last for one semester. Students will be scheduled into two of their choices or alternatives depending on the master schedule and course availability. Scheduled seminar courses are final and will not be changed. Student’s schedule will not be changed to English 12 from the seminar scheduled courses. The academic objectives of the senior seminars are similar to the yearlong course; the differences are the course duration and the literary selections.

Yearlong Courses: The yearlong college prep course and AP course focus on world literature including works of fiction, non-fiction, drama and poetry. A variety of written assignments are required, as well as discussions and oral presentations. This course focuses not only on interpretive, analytical writing but also personal narratives and persuasive writing on contemporary and controversial issues. This course is designed to review and build upon all of the skills learned in previous English courses while also incorporating cross-curricular ideas. This class also encourages students to explore both individual and societal identity while also preparing students for post-high school education and career goals.

Semester Seminars Courses:

Course Title: **Apocalypse Literature**

Grade Level: 12

Length of Course/Credits: 1 semester/5 credits

Required Prerequisite: Successful completion of English 11.

Recommended Prerequisite: None

Meets District Graduation Requirement: Yes

Fulfills UC/CSU Requirements: Yes; “b” English

Textbook: Novels published on the course syllabus

Course Description: This course will take an in-depth look at literature that depicts the end of the world. Students will study both apocalyptic and post-apocalyptic literature with an overarching focus on the way that apocalyptic literature seeks to present images of destruction to serve as both warning and revelation. The study of apocalyptic and post-apocalyptic literature will range from Biblical to Ancient portrayals of apocalypses, up to more modern treatments of the issue that also tend to deal with current cultural concerns and events. Texts will include novels, short stories, poems, and works of non-fiction that either depict apocalyptic scenes or deliver apocalyptic themes. Students will analyze and respond to these works through, among other types of assessment, interpretive writing, reflective essays, individual presentations, creative writing, and a research paper.

Course Title: Dangerous Books-An Exploration of Taboo Subjects through Contemporary Drama

Length of Course/Credits: 1 semester/5 credits

Grade Level: 12

Required Prerequisite: Successful completion of English 11.

Recommended Prerequisite: None

Meets District Graduation Requirement: Yes

Fulfills UC/CSU Requirements: Pending; “b” English

Textbook: Novels published on the course syllabus

Course Description: This course will examine texts that explore social settings, political movements, religious beliefs, cultural expressions and/or personal identities, which have been considered “dangerous.” The texts students will study can all be considered dangerous by one or more “special interest” group because they represent sexuality, race, politics, and religion in ways that challenge the current political/cultural norms of their given culture. Students will participate in discussion and debate as they research taboo topics. Students will examine the way cultural norms influence the categorization of various texts as taboo.

Course Title: Literature of the 1980s

Grade Level: 12

Length of Course/Credits: 1 semester/5 credits

Required Prerequisite: Successful completion of English 11.

Recommended Prerequisite: None

Meets District Graduation Requirement: English; students receive credit for one semester of English 12 or Elective

Fulfills UC/CSU Requirements: Yes, “b” English

Textbook: Novels published on the course syllabus

Course Description: This course will examine how the social, cultural, and political climate of America of the 1980s influenced literature. From a historical standpoint, students will explore how America shifted away from the cultural changes of the ‘60s and ‘70s, marking a new era. On one hand, the ‘80s gave rise to a renewed sense of conservatism and family values. On the other hand, consumerism, materialism, entrepreneurship and indulgent excess were fueled by a booming economy. Students will examine how this cultural tension influenced the literary devices and genres of fiction in the ‘80s. Through in-depth literary analysis, students will investigate the underlying thematic messages and social commentary of each text.

Course Title: Love, Marriage, Delusions?

Grade Level: 12

Length of Course/Credits: 1 semester/5 credits

Required Prerequisite: Successful completion of English 11.

Recommended Prerequisite: None

Meets District Graduation Requirement: Yes

Fulfills UC/CSU Requirements: Pending; “b” English

Textbook: Novels published on the course syllabus

Course Description: This course is intended as a serious, but intermittently lighthearted look at a supposedly light-hearted but serious subject...love, and especially at the sort of love that culminates, and often self-destructs, in the institution called marriage. Students will examine the relationship between romantic love – both traditional and non-traditional and begin to develop opinions on the relevance of traditional marriage, the optimum age for courtship and marriage, and the ways in which gender roles and aging influence the marriage contract.

Course Title: Philosophy in Literature**Grade Level: 12****Length of Course/Credits:** 1 semester/5 credits**Required Prerequisite:** Successful completion of English 11.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** English, students receive credit for one semester of English 12 or Elective**Fulfills UC/CSU Requirements:** Yes, “b” English**Textbook:** Novels published on the course syllabus

Course Description: Philosophy in Literature explores Western literature’s use of philosophical traditions in order to advance personal thoughts, opinions, and perspectives. The course covers broad themes in World literature, including various responses to questions regarding the nature of identity, belief, choice, and proper living. Philosophical works are paired to literary texts in order to give a holistic, diverse set of answers to central questions such as “What is the nature of existence?” “Who am I?” “Am I free?” and “How do I live?” Students develop ways of thinking philosophically through critical analysis of primary and secondary sources in both the literary and philosophical traditions, while also synthesizing the way in which the history of Western thought correlates with major movements in artistic periods. In this course students should expect to actively *do* philosophy, involving more than just reading for understanding.

Course Title: Performance Literature**Grade Level: 12****Length of Course/Credits:** 1 semester/5 credits**Required Prerequisite:** Successful completion of English 11.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Yes**Fulfills UC/CSU Requirements:** Pending; “b” English**Textbook:** Novels published on the course syllabus.

Course Description: Performance Literature is a course centered on the forms of literature that are best experienced when performed live or recited aloud. In this course, students will chronicle the development of performance literature throughout history – from the origins of theatre and verse to the poems and plays of today. Students will gain an understanding of the evolving conventions of theatre and poetry over time and an awareness of the different tenets of literary criticism, and students will use these scholarly tools to approach the poems and plays in a variety of ways, examining literature as an investigation of human nature, an expression of social or political commentary, and a mode of philosophical exploration. Students will analyze and perform famous poems and plays along with writing original poems and scenes to perform in front of the class. By taking a dual English and dramatic arts course, students will enhance their skills in the areas of critical thinking, analytical writing, creative writing, and class discussion while simultaneously cultivating their ability to captivate a crowd through live performance and oral interpretation.

Course Title: Thanatology Literature and Composition

Grade Level: 12

Length of Course/Credits: 1 semester/5 credits

Required Prerequisite: Successful completion of English 11.

Recommended Prerequisite: None

Meets District Graduation Requirement: English; students receive credit for one semester of English 12 or Elective

Fulfills UC/CSU Requirements: Yes, “b” English

Textbook: Novels published on the course syllabus

Course Description: Students will experience an interdisciplinary overview of major themes and attitudes regarding death and dying in literature. Topics include the Death System; cultural, spiritual, and ethical issues; ageism; funerals; popular culture and the arts as they relate to death; and philosophical questions that surround death. Upon completion of reading and analysis of these works, students will be able to write, interpret, and reflect on these concepts and elements in writing assignments.

Course Title: Themes in American Literature and Film

Grade Level: 12

Length of Course/Credits: 1 semester/5 credits

Required Prerequisite: Successful completion of English 11.

Recommended Prerequisite: None

Meets District Graduation Requirement: English; students receive credit for one semester of English 12 or Elective

Fulfills UC/CSU Requirements: Yes, “b” English

Textbook: Novels published on the course syllabus

Course Description: This course explores subject/thematic areas as they historically have appeared in American literature and film, including Frontier America/The Westward Movement, America at War, Coming of Age in America, the American Dream, the American Hero, Depression America, etc. The curriculum emphasizes critical reading, thinking and writing skills, class discussion, research techniques, and opportunities for creative expression.

Course Title: Women’s Literature

Grade Level: 12

Length of Course/Credits: 1 semester/5 credits

Required Prerequisite: Successful completion of English 11.

Recommended Prerequisite: None

Meets District Graduation Requirement: English; students receive credit for one semester of English 12 or Elective

Fulfills UC/CSU Requirements: Yes, “b” English

Textbook: Novels published on the course syllabus

Course Description: This course will expose students to a wide variety of women’s literature in its historical context, with an emphasis on shifting gender roles. Readings will represent the traditional limitations that created boundaries for women in general and female authors in particular. However, other selections will emphasize strong female protagonists, and the authors who succeeded in expressing their unique voices and visions. Contemporary women’s issues will also be highlighted through the reading of modern fiction and the completion of a research project. In addition to this research project, writing assignments will include literary analysis and personal reflection.

Yearlong Courses:

Course Title: English 12

Grade Level: 12

Length of Course/Credits: 1 year/10 credits

Prerequisite(s): None

Meets District Graduation Requirement: English, Language Arts

Fulfills UC/CSU Requirements: Yes, “b”: English

Textbook: Core and Extended Lists – school provides all copies but students may elect to obtain their own for annotation

Expectations: This is a college preparatory-level course. This course contains regular reading and writing assignments throughout the year. Homework and individual and collaborative projects are assigned regularly.

Course Description:

The twelfth grade English program offers three paths: the Advanced Placement (AP) course, the yearlong college-preparatory course, and the semester-long college-preparatory senior seminars. All students may choose either college-preparatory program: the yearlong course or a combination of two semester seminars. The previous year’s eleventh grade Honors English students may elect to continue on to the Advanced Placement course or choose the yearlong course or semester-long seminars. Former eleventh grade college-preparatory students who earned a grade of A or B in their English 11 class also may apply for the Advanced Placement course. They also may choose either the yearlong course or semester-long seminars.

Course Title: AP English Literature

Grade Level: 12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: Successful completion of Honors English 11 or application and acceptance into AP English Literature.

Recommended Prerequisite: Completion of Honors English 11 with a grade of B or better, or completion of English 11 with a grade of A and successful application and acceptance into AP English Literature.

Meets District Graduation Requirement: English

Fulfills UC/CSU Requirements: Yes, “b” English

Textbook: Core and Extended Lists – school provides all copies but students may elect to obtain their own for annotation

Expectations: This AP course begins with mandatory summer reading and assessment and continues with regular reading and writing assignments throughout the year. Homework and individual and collaborative projects are assigned regularly for all courses throughout the year.

Course Description: In each of the first three quarters, we use literary examples from every genre to instruct students in the essentials of both reading and writing about literature. Our works include authors from the suggested list in the AP Course Description as well as some not included on the list. We attempt to expose students to a range of authorial voices—the works selected represent authors from the 16th century to the present, the voices are varied by ethnicity, gender and sexual orientation. Our purpose in the construction of the reading list is to help students grapple with the complexities of the philosophical underpinnings inherent in any work of literature. Students explore the social and historical values of the characters as they interpret the works of literature. This exploration of character serves to help them define their understanding of the world they inhabit and their place within it as well as to enrich their ability to analyze and interpret the works of literature based upon such elements as structure, style, and theme. Students begin with an in-depth study of each of the works read during the summer preceding AP English Literature. Students combine study of an in-class work with quarterly outside reading from an approved list

WORLD LANGUAGE

Course Title: American Sign Language 1

Grade Level: 9-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: None

Recommended Prerequisite: None

Meets District Graduation Requirements: World Language or Elective

Fulfills UC/CSU requirements: Yes, “e” Language other than English

Textbook: *Signing Naturally Level 1*, Units 1-6

Course Description: This is a yearlong course that will introduce students to American Sign Language. Students will study the natural language of the Deaf and will be provided instruction in vocabulary and grammar. Conversational and cultural aspects of ASL and the Deaf community will be integrated into the course.

Course Title: American Sign Language 2

Grade Level: 10-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: Successful completion of ASL 1.

Recommended Prerequisite: Successful completion of ASL 1

Meets District Graduation Requirement: World Language or Elective

Fulfills UC/CSU Requirements: Yes, “e” Language other than English credit

Textbook: *Signing Naturally Level 1*, Units 7-12 ISBN 978-1-58121-221-1 and *For Hearing People Only: Volume 2* ISBN-13: 978-0963401632.

Course Description: This course is designed to continue developing ASL vocabulary, grammar, fingerspelling, and expressive and receptive skills in the language. In addition to language acquisition, students will delve further into an understanding of American Deaf Culture. Students will complete tests, quizzes, class projects, hands on activities, and other activities in order to improve comprehension and fluency of American Sign Language.

Course Title: American Sign Language 3

Grade Level: 11-12

Length of Course: 1 Year/10 credits

Required Prerequisite: Successful completion of ASL 1 and ASL 2

Recommended Prerequisite: None

Meets District Graduation Requirement: World Language or Elective

Fulfills UC/CSU Requirements: Pending, “e” Language other than English credit

Textbook: *Signing Naturally, Level 2*, ISBN 978-1-58121-131-3

Course Description: This course is designed to delve into the more abstract concepts of American Sign Language. Students will take what they have learned in previous courses and continue to develop their mastery of the language. During this course, students will learn to narrate events that have happened in the past, ask for solutions to common problems, tell about events, and describe objects. This course focuses on ASL literature, vocabulary, narrative structure, transitions, grammar, classifiers, and advanced sentence structure. During this course, students will also continue to learn about Deaf culture.

Course Title: Chinese 1**Grade Level: 9-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** None**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** Yes, “e” Language other than English**Textbook:** *Huanying: An Invitation to Chinese*, Volume 1 ISBN: 9780887276628 (Units 1-4)**Course expectations:** See individual teacher’s course expectations.**Course Description:** This class is a 1-year course that will focus on communication through speaking, reading, and writing, and listening. Students will learn basic grammatical rules and oral communication. Students will also examine the cultural customs and traditions of Mandarin Chinese speakers throughout the world through art, music, and drama. (This course is the equivalent of Mandarin 1A and 1B at MBMS.)**Course Title: Chinese 2****Grade Level: 9-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Chinese 1.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** Yes, “e” Language other than English**Textbook:** *Huanying: An Invitation to Chinese*, Volume 1 ISBN: 9780887276628 (Units 5-6) for first semester and *Huanying Volume 2* ISBN: 9780887277252 (Units 1-2) for second semester**Expectations:** See individual teacher’s course expectations.**Course Description:** This class is a yearlong course that will continue the study of the Mandarin Chinese language through speaking, reading, writing, and listening. Students will learn intermediate-level grammatical rules and oral communication. Students will also continue their study of the cultural customs and traditions of Mandarin Chinese speakers throughout the world through art, music, and drama (Students who successfully completed Mandarin 1A and 1B at MBMS with a grade of a C- or better should enroll in this course, not just Mandarin 1A.)**Course Title: Chinese 3****Grade Level: 10-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Chinese 2.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** Yes, “e” Language other than English**Textbook:** *Chinese 3 Huanying*, Volume 2 (Units 3-6): ISBN 9780887277252**Expectations:** See individual teacher’s course expectations.**Course Description:** Students will continue the study of the Mandarin Chinese language through speaking, reading, writing, and listening. In the third year, students can handle most survival and social situations. Spontaneity should begin to occur. Students should demonstrate the ability to use the present, past, and future tenses. Students will learn early and advance-level grammatical rules, which include Mandarin Chinese vocabulary rules that have no English equivalent. Students should be able to sustain some lengthy conversations and discuss topics beyond basic needs, when the topics are part of the course content. Students also continue to study the culture and civilization of the people whose language they are studying.

Course Title: Chinese 4**Grade Level: 11-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Chinese 3.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** Yes, “e” Language other than English**Textbook:** *Huanying: An Invitation to Chinese*, Volume 3 ISBN 9780887277405**Expectations:** See individual teacher’s course expectations.

Course Description: This class is a yearlong course that will continue the study of the Mandarin Chinese language through speaking, reading, and writing, and listening. In the fourth year, students are able to comply with common social demands. Pronunciation is such that most native speakers would have little difficulty understanding. Students are able to describe and narrate, as well as to use most moods, while speaking about familiar topics such as everyday situations, current events, and subject matter encountered in reading assignments. Students will learn advanced-level grammatical rules, which include Mandarin Chinese vocabulary rules that have no English equivalent. Students also continue to study the culture and civilization of the people whose language they are studying.

Course Title: AP Chinese Language and Culture**Grade Level: 12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Chinese 4.**Recommended Prerequisite:** Completion of Chinese 4 with a grade of B or better.**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** Pending, “e” Language other than English**Textbook:** *Huanying: An Invitation to Chinese*, Volume 4, ISBN 9780887277863**Expectations:** See individual teacher’s course expectations.

Course Description: Students will be prepared for the rigor and technicalities of the AP Examination and have the opportunity to expand and refine their skills in interpersonal, interpretive, and presentational communication. They will also expand their proficiency in the four language skills of reading, writing, listening, and speaking, using a variety of authentic materials.

Course Title: French 1**Grade Level: 9-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** None**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** Yes, “e” Language other than English**Textbook:** *D'accord!* Level 1 ISBN: 978-1-61857-863-1**Expectations:** See individual teacher’s course expectations.

Course Description: The purpose of French 1 is to give students the ability to function in real-life situations that they might encounter in a French-speaking environment through the study of various themes such as meeting people, high school, hobbies and sports, the weather, holidays, vacations and celebrations. Students will learn to talk about themselves, their families, and their friends; they will learn how to make travel plans and give directions; how to shop and make purchases in stores; how to order in a French café; how to give their opinions about things such as their classes; and how to critique a movie. Students will be able to produce simple questions, answers, and descriptions and use the present, future, and past tenses. Students will also increase their awareness of French civilization, culture, and customs through various readings and media such as feature-length films, commercials, music videos, and more. All content is presented with an integrated approach, incorporating the skills of listening, speaking, reading, and writing. (This course is the equivalent of French 1A and 1B at MBMS.)

Course Title: French 2**Grade Level: 9-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of French 1.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** Yes, “e” Language other than English**Textbook:** *D'accord!* Level 2 ISBN: 978-1-61857-864-1**Expectations:** See individual teacher’s course expectations.

Course Description: The purpose of French 2 is to further develop the students’ abilities to function in situations they may encounter in a French-speaking environment. Students will learn to talk about their homes and chores; about French meals and how to shop for food in specialty stores; to describe their morning routine and their health; to discuss technology such as computers, electronics, cars, and driving; to talk about their future jobs and professions; and will discuss environmental concerns and nature. Students will be able to use a variety of verbs, the present, past, and future; idiomatic expressions; make comparisons; and give opinions. Students’ cultural knowledge will expand to include the Francophone world with its varied customs and points of interest. Students will each get a French pen pal for the entire year with whom they will correspond about the various topics introduced and more! Field trips include a French restaurant and a petanque tournament. (Students who successfully completed French 1A and 1B at MBMS with a grade of a C- or better may enroll in this course, not French 1.)

Course Title: French 3**Grade Level: 10-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of French 2.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** Yes, “e” Language other than English**Textbook:** *D'accord!* Level 3 ISBN: 978-1-61857-865-1**Expectations:** See individual teacher’s course expectations.

Course Description: Students can now handle most survival and social situations and spontaneity begins to occur. Students have the ability to use the present, past, and future tenses. Students will learn to talk about relationships, the news and media, human rights, food, stages of life, inventions, the sciences, leisure activities, sports, shopping, and politics. Grammatical concepts will be reviewed and expanded to include the conditional tense and subjunctive mood. Students will also continue to study the culture and civilization of the people whose language they are studying, focusing on the Francophone world and concepts such as freedom, the universe, and marriage. As a culminating activity students will take a field trip to the Norton Simon Museum to study its impressive collection of French art.

Course Title: French 4**Grade Level: 11-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of French 3.**Recommended Prerequisite:** Completion of French 3 with a grade of B or better.**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** Yes, “e” Language other than English**Textbook:** *Face-à-face* ISBN: 978-1-60576-118-3; *Trésors du Temps* ISBN: 0-07-860655-1; *Le Petit Prince* by Antoine de St. Exupery**Expectations:** See individual teacher’s course expectations.**Course Description:** The primary goals of French 4 are: (1) the refinement of communicative skills in the four skill areas; (2) the enhancement of communicative competence through various strategies such as improv; (3) the enhancement of grammatical competence (review of previously learned structures and acquisition of new structures such as idiomatic expressions); (4) refinement in understanding French and Francophone culture. French 4 builds on themes, vocabulary, and skills learned in French 1-3; however, the course aims to move the students to more abstract levels of language usage at which they learn to work with more extended discourse and to deal with the cultural and sociological (as well as practical) aspects of the topics studied. Topics include friendship and love, identity, poetry, environmental challenges, tolerance, nutrition, technology, and idiosyncrasies. Students will read their first novel in French and enjoy a field trip to the French/L.A. Film Festival in April.**Course Title: AP French****Grade Level: 12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of French 4.**Recommended Prerequisite:** Completion of French 4 with a grade of B or better.**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** Yes, “e” Language other than English**Textbook:** *Allons au-delà*; ISBN: 978-0-13-317953-8**Expectations:** See individual teacher’s course expectations.**Course Description:** Besides preparing students for the rigor and technicalities of the AP Examination, the AP French Language and Culture course offers students the opportunity to expand and refine their skills in interpersonal, interpretive, and presentational communication. To facilitate the interweaving of language, content, and culture the course will be structured around six broad themes: Global Challenges, Science and Technology, Contemporary Life, Identity, Families and Communities, and Beauty and Aesthetics. Students will refine and expand their proficiency in the four language skills of reading, writing, listening, and speaking, using a variety of authentic materials while preparing for the AP French Language and Culture exam.**Course Title: Latin 1****Grade Level: 9-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** None**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** Yes, “e” Language other than English**Textbook:** *Jenney’s First Year Latin*, ISBN: 0-13-319328-4**Expectations:** See individual teacher’s course expectations.**Course Description:** This first-year elective and college-preparatory course is primarily for the college/university bound student. The class presents the structure and syntax of the Latin language, instills an appreciation of Roman civilization and shows its effect on Western civilization, integrates Latin vocabulary with English derivatives and word usage, and develops proficiency in the four language skills of reading, writing, listening, and speaking.

Course Title: Latin 2**Grade Level: 10-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Latin 1.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** Yes, “e” Language other than English**Textbook:** *Jenney’s First Year Latin*, ISBN: 0-13-319328-4**Expectations:** See individual teacher’s course expectations.**Course Description:** During the first semester, the class continues an analysis of the structure and syntax of the Latin language and an appreciation of Roman civilization. Study continues in vocabulary and derivatives while increasing proficiency in the four language skills of reading, writing, listening, and speaking. During the second semester, there is an emphasis on reading and translating original Roman writing, especially that of Julius Caesar.**Course Title: Latin 3****Grade Level: 11-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Latin 2.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** Yes, “e” Language other than English**Textbook:** *Jenney’s Second Year Latin*, ISBN: 0-13-797390-X**Expectations:** See individual teacher’s course expectations.**Course Description:** The emphasis in third-year Latin is on reading and translating original Roman writings, including those of Julius Caesar, Ovid, Cicero, and Livy. Students will also study Roman history, culture, and mythology. Vocabulary building is stressed. Complementary reading of classical writers (in translation) will be assigned.**Course Title: Latin 4****Grade Level: 12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Latin 3.**Recommended Prerequisite:** Completion of Latin 3 with a grade of B or better.**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** Yes, “e” Language other than English**Textbook:** *Jenney’s Third Year Latin*, ISBN: 0-13-918814-2**Expectations:** See individual teacher’s course expectations.**Course Description:** Fourth-year Latin emphasizes reading and translating original Roman writings, including Ovid, Martial, Plautus, Livy, Vergil, and Cicero. Vocabulary building is continued, and complementary reading of classical writers is assigned.

Course Title: Spanish 1**Grade Level: 9-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** None**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** Yes, “e” Language other than English**Textbook:** *Así Se Dice* from McGraw-Hill, 978-0-07-660423-1**Expectations:** See individual teacher’s course expectations.

Course Description: Spanish 1 involves an integrated approach, incorporating the skills of listening, speaking, reading, and writing. Students will be able to produce simple questions, answers, and descriptions. Language acquisitions will include thematic vocabulary and use of basic grammatical forms such as present and preterit tenses as well as pronouns. Students will also increase their awareness of the civilization, culture, and customs of the people whose language they are studying. (This course is the equivalent of Spanish 1A and 1B at MBMS.)

Course Title: Spanish 2**Grade Level: 9-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Spanish 1.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** Yes, “e” Language other than English**Textbook:** *Así Se Dice* from McGraw-Hill, 978-0-07-660424-1.**Expectations:** See individual teacher’s course expectations.

Course Description: Students are now able to meet basic survival needs in the foreign language. They can engage in common courtesy exchanges and carry on simple conversations, even initiating questions and statements. Past, present, future, conditional tenses, and commands are covered. Students will continue to explore the culture and customs of the people whose language they are studying. (Students who successfully completed Spanish 1A and 1B at MBMS with a grade of C- or better should enroll in this course, not Spanish 1.)

Course Title: Spanish 3**Grade Level: 10-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Spanish 2.**Recommended Prerequisite:** Successful completion of Spanish 2 with a B or better”**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** Yes, “e” Language other than English**Textbook:** *Así Se Dice* from McGraw-Hill, 978-0-07-660425-8.**Expectations:** See individual teacher’s course expectations.

Course Description: In the third year, students can handle most survival and social situations. Spontaneity should begin to occur. Students show ability to use the present, past and future tenses, subjunctive, conditional, and perfect tenses, as well as to master more frequent pronoun and verb forms. Students can sustain some lengthy conversations and discuss topics beyond basic needs when the topics are part of the course content. Students also continue to study the culture and civilization of the people whose language they are studying.

Course Title: Spanish 4**Grade Level: 11-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Spanish 3.**Recommended Prerequisite:** Completion of Spanish 3 with a grade of B or better.**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** Yes, “e” Language other than English**Textbook:** *Imagina* from Vista Higher Learning, ISBN:13: 978-1-60576-088-9.**Expectations:** See individual teacher’s course expectations.

Course Description: In the fourth year, students are able to comply with common social demands. Pronunciation is such that most native speakers would have little difficulty understanding. Students are able to describe and narrate, as well as to use most tenses and moods, while speaking about familiar topics such as everyday situations, current events, job-related information and subject matter encountered in reading assignments. Students are able to write a complex essay demonstrating critical thinking skills such as analysis and summarization.

In addition, students continue to study the culture and civilization within the context of the language.

Course Title: Honors Spanish Speakers**Grade Level: 9-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** None**Recommended Prerequisite:** Be a fluent Spanish speaker.**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** Yes, “e” Language other than English**Textbook:** *Temas* from Vista Higher Learning ISBN: 10-161857244X.

Course Description: This course will provide an opportunity for Spanish-speaking students to study their native language and cultures. Students who possess competency in reading comprehension, writing, and fluency in Spanish will further develop their language skills while possibly preparing for the AP Spanish Language Exam. Students will develop and improve language skills through reading, discussion, listening, and writing about the literature studied in the course.

Course Title: AP Spanish**Grade Level: 12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Spanish 4.**Recommended Prerequisite:** Completion of Spanish 4 with a grade of B or better.**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** Yes, “e” Language other than English**Textbook:** *Temas* from Vista Higher Learning ISBN: 10-161857244X.**Expectations:** See individual teacher’s course expectations.

Course Description: Students are required to take the AP exam and prepare through intensive study and practice in listening comprehension, speaking, writing, reading comprehension, language structure, and vocabulary. Students will make connections between various themes and contexts, which are emphasized on the exam.

MATHEMATICS

Course Title: Pre Algebra**Grade Level: 9-10****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** None**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** No**Textbook:** *Algebra 1*, ISBN: 0-618-81176-1

Course Description: The purpose of this course is to prepare student to be successful in Algebra 1. This course will include extending and deepening Math 3 skills and introducing first semester Algebra 1 concepts. This course will focus on three areas: (1) formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; (2) grasping the concept of a function and using functions to describe quantitative relationships; (3) analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem.

Course Title: Algebra 1**Grade Level: 9-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Integrated Math 3 (or equivalent), Pre-Algebra or Algebra A.**Recommended Prerequisite:** Successful completion of Math 3 (or equivalent) or Pre-Algebra or the completion of Algebra Readiness with a grade of B or above.**Meets District Graduation Requirement:** Mathematics**Fulfills UC/CSU Requirements:** Yes, “c” Mathematics**Textbook:** *Algebra 1*, ISBN: 0-618-81176-1

Course Description: Algebra 1 is a rigorous, fast-paced, first-year algebra course. The focus is on four critical areas: (1) deepen and extend understanding of linear and exponential relationships; (2) contrast linear and exponential relationships with each other and engage in methods for analyzing, solving, and using quadratic functions; (3) extend the laws of exponents to square and cube roots; and (4) apply linear models to data that exhibit a linear trend.

Course Title: Geometry**Grade Level: 9-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Algebra 1**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Mathematics**Fulfills UC/CSU Requirements:** Yes, “c”**Textbook:** *Geometry*, ISBN: 0-618-81194-X

Course Description: The focus for this course is on the following: (1) work with congruence and similarity of triangles; (2) informally develop explanations of circumference, area, and volume formulas; (3) apply the Pythagorean Theorem to the coordinate plane; (4) prove basic geometric theorems.

Course Title: Algebra 2**Grade Level: 11-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Algebra 1 and Geometry**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Mathematics**Fulfills UC/CSU Requirements:** Yes, “c” Mathematics**Textbook:** *Algebra 2*, ISBN: 0-618-81181-8

Course Description: This course will extend the mathematics students learned in Algebra I and Geometry while expanding connections to lay the foundation for future mathematics classes. Emphasis will be on three areas: (1) apply the connections between algebraic and graphical representations of functions (quadratics, polynomial, rational, radical, exponential, logarithmic, trigonometric, piecewise, and inverse); (2) continue to develop algebraic skills needed for modeling and solving problems (3) analyze and interpret quantitative and categorical data, make inferences/decisions, and justify conclusions.

Course Title: Honors Algebra 2

Grade Level: 10-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: Completion of Algebra 1 and Geometry with a validated grade of B or better

Recommended Prerequisite: Completion of Algebra 1 and Geometry with a grade of A

Meets District Graduation Requirement: Mathematics

Fulfills UC/CSU Requirements: Yes, “c” Mathematics

Textbook: *Algebra 2*, ISBN: 0-618-81181-8

Course Description: The focus of this course is on the same topics as in Algebra II, however, the level of rigor is higher, more challenging, and faster paced. This class is intended for those preparing for Honors Pre Calculus and subsequently for AP Calculus AB or AP Calculus BC, depending on student's success.

Course Title: Financial Algebra

Grade Level: 11-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: Successful completion of Algebra II or Honors Algebra II.

Recommended Prerequisite: None

Meets District Graduation Requirement: Mathematics

Fulfills UC/CSU Requirements: Pending, “c” Mathematics

Textbook: *Financial Algebra*, ISBN: 0-538-44967-5

Course Description: This course is designed to teach and reinforce topics in Algebra 2, Pre Calculus, Statistics, Probability, and Geometry as they pertain to such financial topics as Investing, Entrepreneurship, Banking, Credit, Owning an Automobile, Employment Basics, Income Taxes, Independent Living, Home Ownership, Insurance, Budgeting, and Retirement Planning. Students will be using a wide array of technology within an extensive project based learning platform.

Course Title: Pre Calculus

Grade Level: 11-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: Successful completion of Honors Algebra 2 or Algebra 2

Recommended Prerequisite: Completion of Honors Algebra 2 or Algebra 2 with a grade of B or better

Meets District Graduation Requirement: Mathematics

Fulfills UC/CSU Requirements: Yes, “c” Mathematics

Textbook: *PreCalculus with Limits*, ISBN: 0-618-66090-9

Course Description: This is a course designed for the student interested in Math/Science. Rigorous topics from previous courses are integrated with other topics, emphasizing their connections to functions/equations. New topics include the translations of graphs, end behavior of functions, exponential financial applications, matrices, parametric equations, sequences and series. Knowledge and use of the TI-8X graphing calculators will be integrated into each topic. This course will prepare students to take a Non-AP Calculus course.

Course Title: Honors Pre Calculus**Grade Level: 11-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Completion of Honors Algebra 2 with a validated grade of B or better **OR** completion of Algebra 2 with a validated grade of A or better**Recommended Prerequisite:** none**Meets District Graduation Requirement:** Mathematics**Fulfills UC/CSU Requirements:** Pending, “c” Mathematics**Textbook:** *PreCalculus with Limits*, ISBN: 0-618-66090-9**Course Description:** This is a course designed for the student interested in Math/Science who is preparing to take Calculus. Rigorous topics from previous courses are integrated with other topics, emphasizing their connections to functions/equations. New topics include the translations of graphs, end behavior of functions, exponential financial applications, matrices, parametric and polar forms, vectors, sequences and series, and limits. Knowledge and use of the TI-8X graphing calculators will be integrated into each topic.**Course Title: AP Calculus AB****Grade Level: 12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Honors Pre Calculus **OR** completion of Pre Calculus with a validated grade of B or better**Recommended Prerequisite:** none**Meets District Graduation Requirement:** Mathematics**Fulfills UC/CSU Requirements:** Yes, “c” Mathematics**Textbook:** *Calculus with Analytic Geometry*, ISBN: 978-0-618-23973-3**Course Description:** This course prepares students for the AP Calculus AB exam. Its content is equivalent to the first semester of a standard college/university calculus course. The topics covered include limits, continuity, derivatives, integrals, and differential equations. It has rigorous homework demands. This course will prepare students for the AP Calculus AB exam.**Course Title: AP Calculus BC****Grade level: 12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Completion of Honors Pre Calculus with a validated grade of B or better **OR** successful completion of AP Calculus AB**Recommended Prerequisite:** none**Meets District Graduation Requirement:** Mathematics**Fulfills UC/CSU Requirements:** Yes, “c” Mathematics**Textbook:** *Calculus with Analytic Geometry*, ISBN: 978-0-618-23973-3**Course Description:** This is an extremely fast-paced, rigorous calculus class equivalent to the first two semesters of college/university calculus and prepares students for the AP Calculus BC exam. It includes all the content covered in AP Calculus AB as well as slope fields, Euler’s method, L’Hopital’s Rule, improper integrals, logistic differential equations, polynomial approximations and series, Taylor and Maclaurin series, convergence of power series and Lagrange error bound for Taylor polynomials. This course prepares students for the AP Calculus BC exam.

Course Title: Trigonometry**Grade Level: 11-12****Length of Course/Credits:** 1 semester/5 credits**Required Prerequisite:** Successful completion of Algebra II.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Mathematics**Fulfills UC/CSU Requirements:** Yes, “c” Mathematics**Textbook:** *Trigonometry*, ISBN: 0-618-64333-8

Course Description: This course will cover three definitions for trigonometric functions; using point-on-terminal-side, right triangles, and circles. Students will learn to graph and translate trigonometric functions by hand and with the aid of a TI-8X series graphing calculator. Reciprocal, Ratio, and Pythagorean identities are used in conjunction with common equivalent forms to simplify and prove identities.

*This is the last year this course will be offered.

Course Title: Probability and Statistics**Grade Level: 11-12****Length of Course:** 1 semester/5 credits**Required Prerequisite:** Successful completion of Algebra II.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Mathematics**Fulfills UC/CSU Requirements:** Yes, “c” Mathematics**Textbook:** *Understanding Basic Statistics*, ISBN: 0-618-63228-X

Course Description: This is an introductory course designed for liberal arts majors that focuses on concepts and practical applications. Students learn how data is gathered, manipulated and used in the everyday world. Though it does not involve rigorous mathematical analysis, a TI-8X graphing calculator is necessary. Summative Algebra and Geometry topics will be included in curriculum as well.

*This is the last year this course will be offered.

Course Title: AP Statistics**Grade Level: 11-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Algebra II.**Recommended Prerequisite:** Completion of Algebra II with a grade of B or better and an overall academic unweighted GPA of 3.0 or above**Meets District Graduation Requirement:** Mathematics**Fulfills UC/CSU Requirements:** Yes, “c” Mathematics**Textbook:** *The Practice of Statistics*, ISBN: 1-42924559-X

Course Description: Junior and senior students prepare for the AP Statistics exam and will need a strong analytical background not only in math, but in the other core academic disciplines as well. Students will be working, analyzing, reading, and writing well beyond the expectations of an introductory, college-level statistics course. The TI graphing calculator is used extensively to explore concepts and execute statistical procedures. This course includes many written assignments and projects, in-depth examinations of probability, game theory, sampling procedures, inference, simulations, distributions, and variability.

SCIENCE

Course Title: Astrophysics

Grade Level: 11-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: Successful completion of Biology and Chemistry.

Recommended Prerequisite: Successful completion of Biology and Chemistry and completion of Algebra I, Algebra 2 with Trigonometry with a grade of B or better.

Meets District Graduation Requirement: Science

Fulfills UC/CSU Requirements: Yes, “d” Laboratory Science

Textbook: *Explorations An Introduction to Astronomy*, McGraw Hill

Expectations: Requires students to participate in on and off campus, remote-site nighttime laboratory sessions each quarter and as special events occur, complete project based optical fabrication of Newtonian telescope and repeat daytime/nighttime astronomical observations, data collection, analysis and presentations.

Course Description: This course is designed to be a stand-alone class studying the astronomical universe and our place in it. Astrophysics applies the accepted rules and laws of physics and chemistry to explain the nature of our solar system, galaxy, interstellar medium and macro features of our universe and the objects contained within it. Emphasis will center on the use of investigative physics tools including the role of gravity, electromagnetism, particle/nuclear interactions and einsteinium relativity and their foundations throughout the cosmos. Astronomical material included will focus on our earth as a planet, conditions and mechanics of our solar system, measurement systems to stretch our understanding throughout the familiar areas of the Milky Way Galaxy and move outward to our present day understanding of the large scale features and theories of cosmology. This is a lab-centered class where you will explore your own observational telescopic data as well as the latest research from professional sources to unravel the latest theories on how the universe works. Optical construction of Newtonian reflecting telescopes will be completed by the end of the year.

Course Title: Biology in Earth Systems

Grade Level: 9-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: None

Recommended Prerequisite: None

Meets District Graduation Requirement: Science

Fulfills UC/CSU Requirements: Pending, “d” Laboratory Science

Textbook: *Biology*, California Edition. Miller, Levin. Pearson/Prentice Hall (2007).

Course Description: This college-preparatory biology course will provide the framework for success in future lab science classes as well as an understanding of how humans affect the biosphere. Students will learn fundamental lab techniques essential for them to be productive and dynamic in a research setting. These techniques will build the foundation for future success in upper level biology, chemistry, physics, environmental science, and many other scientific disciplines. Learning will occur through direct instruction, experimentation, and reflection, and students will discover the practical application of science-based inquiry. Major topics include: Ecology, Cells, Genetics, Evolution, Earth Science and The Human Body.

Course Title: AP Biology**Grade Level: 11-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Biology and any level of Chemistry.**Recommended Prerequisite:** Biology and Chemistry with a grade of B or better or successful completion of Honors/AP Chemistry.**Meets District Graduation Requirement:** Science**Fulfills UC/CSU Requirements:** Yes, “d” Laboratory Science**Textbook:** *Campbell Biology in Focus*, AP Edition. Urry, Cain, Wasserman, Minorsky, Jackson, Reece. Pearson/Prentice Hall (2014).**Expectations:** This is a challenging course where much of the grade will be based on testing. Homework will be assigned at the beginning of each unit of study. There will be additional lab work and activities that students will complete throughout the unit. Summer assignments change from year to year and will be announced in early June.**Course Description:** This AP course meets the objectives of general biology at the college level and is designed to prepare the college-bound student for the AP examination. The course will cover the four Themes of Biology: Evolution, Cellular Processes and Homeostasis, Information Transfer, and Biological Interactions.**Course Title: Chemistry in Earth Systems****Grade Level: 10-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Biology.**Recommended Prerequisite:** Successful completion of or concurrent enrollment in Geometry.**Meets District Graduation Requirement:** Science**Fulfills UC/CSU Requirements:** Pending, “d” Laboratory Science**Textbook:** *Chemistry Matter and Change*, (California Edition). Glencoe/Mcgraw Hill (2007) Course**Description:** This physical science course focuses on the study of various types of matter as it pertains to Earth systems, their physical and chemical properties, as well as the mathematical relationships that support these properties. Emphasis is placed on the development of critical thinking by using the scientific method in both lecture and laboratory assignments. Quantitative and qualitative analysis are required.**Course Title: Honors Chemistry****Grade Level: 9-12****Length of Course/Credits:** 1 year/10 credits **Required Prerequisite:** Successful completion of Biology.**Required Prerequisite:** Successful completion of Biology**Recommended Prerequisite:** Successful completion or concurrent enrollment in Algebra 2.**Meets District Graduation Requirement:** Science**Fulfills UC/CSU Requirements:** Yes, “d” Laboratory Science**Textbook:** *Introductory Chemistry. A Foundation*, Sixth Edition. Zumdahl, Decoste. Houghton Mifflin. (2008).**Expectations:** Be able to manage high workload and manage time. Competency in mathematics and problem solving.**Course Description:** This physical science course is for students who have demonstrated exceptional ability in the prerequisite course and who wish to take AP Chemistry. Emphasis is placed on the development of critical thinking skills and preparation for AP Chemistry. Honors Chemistry is a laboratory-based course for students and many foundational concepts will center on experimentation and investigation.

Course Title: AP Chemistry**Grade Level: 10-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Chemistry with teacher recommendation or successful completion of Honors Chemistry.**Recommended Prerequisite:** Completion of Honors Chemistry with a grade of B or better, or completion of Chemistry with a grade of A.**Meets District Graduation Requirement:** Science**Fulfills UC/CSU Requirements:** Yes, “d” Laboratory Science**Textbook:** *Chemistry a Molecular Approach*, Third Edition. Tro. Pearson. (2012)**Expectations:** A strong interest in subject matter is imperative. Time management skills required to endure difficult content, high workload and corresponding laboratory experiments.**Course Description:** AP Chemistry is a rigorous and academically challenging second-year chemistry course that expands in depth the topics covered in Honors Chemistry, and will prepare students for the AP Chemistry exam. It is designed to be the equivalent of a general chemistry course usually taken during the first year of college. Emphasis is placed on college-level inquiry-based laboratory experience, problem-solving techniques, and test taking strategies.**Course Title: Honors Earth Science****Grade Level: 11-12*****Optional UCLA credit, can transfer to other colleges****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Biology and Chemistry**Recommended Prerequisite:** Successful completion of Biology and Chemistry with a grade of B or better.**Meets District Graduation Requirement:** Science**Fulfills UC/CSU Requirements:** Yes, “d” Laboratory Science**Textbook:** *Earth Science*, Twelfth Edition. Tarbuck, Lutgens, Tasa. Pearson/Prentice Hall. (2009).**Course Description:** Earth Science Honors consists of units on science process skills, surface processes, volcanoes, earthquakes, plate tectonics, geologic time, natural resources, meteorology, and astronomy. It is a lab-based course with field studies and individual science projects. It challenges students to collect, correlate, and analyze observations and data. Students enrolled in Earth Science Honors will use statistical and mathematical analysis of data and conduct individual research of scientific topics on the internet, in the media, and in the library. The following skills will be emphasized in this course: problem-solving and critical-thinking skills, communication of scientific concepts in written and verbal forms, and analysis and interpretation of scientific data. Students will also have the option to earn college credit from UCLA.**Course Title: AP Environmental Science****Grade Level: 11-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Biology and Physical Science (Chemistry or Physics)**Recommended Prerequisite:** Completion of Biology and Physical Science with a grade of B or better. Concurrent enrollment in Honors Earth Science.**Meets District Graduation Requirement:** Science**Fulfills UC/CSU Requirements:** Yes, “d” Laboratory Science**Textbook:** *Environmental Science: Earth as a Living Planet*, 9th Edition. Botkin and Keller. Wiley. (2014)Free online textbook – <http://www.learner.org/courses/envsci/index.html>**Expectations:** This is a college level class and like in college, much of the grade will be based on testing. Homework will be assigned on a daily, if not, weekly basis. No summer assignments**Course Description:** 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. Environmental Science is interdisciplinary; it embraces a wide variety of topics from different areas of study: biology, chemistry, earth science.

Course Title: Forensic Science

Grade Level: 11-12

Length of Course / Credits: 1 year / 10 credits

Required Prerequisite: Successful completion of Biology and Physical Science (Chemistry or Physics)

Recommended Prerequisite: None

Meets District Graduation Requirement: Science

Fulfills UC/CSU Requirement: Yes, “d” Laboratory Science

Textbook: *Forensic Science : Fundamentals and Investigations* 2nd Edition ISBN 13: 9781305077119 (978-1- 305-07711-9)

Course Description: Forensic Science is a two semester course. The class is designed around authentic performance assessments with students working in teams to solve crimes using scientific knowledge and reasoning. It involves all areas of science including biology, anatomy, chemistry, physics, and earth science with an emphasis on complex reasoning and critical thinking using content aligned to National Science Education and State Standards. In addition, students must incorporate the use of technology, communication skills, language arts, art, mathematics and social studies.

Course Title: Marine Science

Grade Level: 11-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: Successful completion of Biology and Chemistry.

Recommended Prerequisite: None

Meets District Graduation Requirement: Science

Fulfills UC/CSU Requirements: Yes, “d” Laboratory Science

Textbook: *Marine Biology*, Sixth Edition. Peter Castro, Michael E. Huber. Glencoe/McGraw Hill. (2007).

Course Description: This course is designed to engage students in scientific investigations of the marine environment. Areas of concentration include physical oceanography, marine biology, and applied marine ecology. Some investigations require work outside the classroom, including field trips to various marine science-related locations. Group projects and fieldwork are required components of this course. An emphasis is placed on technology and students will receive unique learning opportunities that require them to research a topic, conduct experiments, collect, analyze, and report data using technology, and present their findings through various media.

Course Title: Physics in the Universe

Grade Level: 10-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: Successful completion of Biology

Recommended Prerequisite: Successful completion of or concurrent enrollment in Geometry.

Meets District Graduation Requirement: Science

Fulfills UC/CSU Requirements: Pending, “d” Laboratory Science

Textbook: *Physics*, Third Edition. James S. Walker. Pearson/Prentice Hall (2007).

Course Description: This course is designed for the college-bound student who plans to enter a non-science-related field. The course includes basic knowledge in the following areas: mechanics, heat, thermodynamics and kinetic theory, electricity and magnetism, planetary motion, forces involved in plate tectonics and wave mechanics and optics. Students use scientific method to analyze, predict, compare, and summarize lab results.

Course Title: Honors Physics**Grade Level: 11-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Biology and Algebra II.**Recommended Prerequisites:** Students should be concurrently enrolled or have completed Pre-Calculus or above.**Meets District Graduation Requirement:** Science**Fulfills UC/CSU Requirements:** Yes, “d” Laboratory Science**Textbook:** *Physics*, Third Edition. James S. Walker. Pearson/Prentice Hall. (2007). Expectations: Excellent math skills required and high workload.**Expectations:** Excellent math skills required and high workload. Students should have no math course grades below B.**Course Description:** This course is for the college-bound student who plans to major in the sciences. Topics will include: Newtonian mechanics, heat, kinetic theory and thermodynamics, electricity and magnetism, planetary motion, forces involved in plate tectonics and waves and optics. Students will analyze and summarize lab results using critical-thinking skills and physics principles.**Course Title: AP Physics C****Grade Level: 11-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Biology and Chemistry, and successful completion of or concurrent enrollment in AP Calculus AB or BC.**Recommended Prerequisite:** Completion of Biology, Chemistry, and all prior Math courses with a grade of B+ or better.**Expectations:** Excellent math skills required and high workload.**Meets District Graduation Requirement:** Science**Fulfills UC/CSU Requirements:** Yes, “d” Laboratory Science**Textbook:** *University Physics*, 11th Edition. Hugh D.; Freedman, Roger A.; Ford, A. Lewis; Sears, Francis Weston Young. (2004).**Course Description:**

This course is designed as an equivalent first-year college course for students who plan to major in the sciences. Students achieving a score of 3 or higher on the AP exam generally receive one semester of college credit for the course. The major objective of the course is a fundamental understanding of classical physics and development of analytical thinking skills. The two major subject areas are Newtonian mechanics and classical electrodynamics. The course focuses on classical Newtonian mechanics.

Course Title: Physiology**Grade Level: 11-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Biology and Physical Science (Chemistry or Physics)**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Science**Fulfills UC/CSU Requirements:** Yes, “d” Laboratory Science**Textbook:** *Anatomy and Physiology- From Science to Life*, Jenkins, Kremnitz, Tortora. John Wiley & Sons, Inc. (2007).**Course Description:** Physiology strenuously focuses on a survey of anatomical terminology, anatomical identification, as well as neurological and chemical processes of human body systems. Laboratory exams and activities include the examination of animal tissues, organs and organ systems. Completion of this course requires an extensive amount of effort, dedication and commitment from the student

SOCIAL STUDIES

Course Title: AP European History

Grade Level: 10-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: Successful completion of Introduction to Model United Nations or AP Human Geography.

Recommended Prerequisite: Successful completion of Introduction to Model United Nations or AP Human Geography.

Meets District Graduation Requirement: Social Studies

Fulfills UC/CSU Requirements: Yes, “a” History/Social Science

Textbook: *Palmer and Colton, A History of the Modern World*, 10th Edition; ISBN: 9780073255002

Expectations: This course is taught at the college level. This college-level history course requires a greater amount of reading and an in-depth focus on the content. Moreover, the AP curriculum demands higher-order critical thinking skills within a rigorous academic setting. Thus students are frequently required to analyze, synthesize, and evaluate primary and secondary historical sources, in addition to comprehending, memorizing, and applying facts. Daily quizzes, exams, essays, discussions, and debates will be frequent in this class as it is used to incorporate the learned material at hand while implementing the critical thinking skills.

Summer homework: Students are required to read William Manchester's "A World Lit Only by Fire" and answer reading questions. In addition to the reading assignment, students must complete a map assignment.

Course Description: The current Advanced Placement Program in European History corresponds to the most recent developments in history curriculum at the undergraduate level. Students are expected to demonstrate knowledge of basic chronology and of major events and trends from approximately 1450 to 1990, that is, from the High Renaissance to the recent past. In addition to providing a basic narrative of events and movements, the goals of the AP European History are to develop (a) an understanding of some of the principal themes in modern European History, (b) an ability to analyze historical evidence, and (c) an ability to express that understanding and analysis in writing.

Course Title: Economics

Grade Level: 12

Length of Course/Credits: 1 semester/ 5 credits

Required Prerequisite: Successful completion of U.S. History, any level.

Recommended Prerequisite: None

Meets District Graduation Requirement: Social Studies

Fulfills UC/CSU Requirements: Yes, “g” Elective

Textbook: *Economics Principles & Practices*, ISBN: 0-13-133487-5

Course Description: Students will understand the forces that affect them every day and to evaluate costs and benefits associated with decisions that shape private lives and public politics. Students will develop skills including the ability to identify economic problems, analyze incentives, identify consequences of change, collect and organize economic evidence, and compare benefits with costs. Students will understand basic economic concepts and be able to reason logically about key issues.

Course Title: Government**Grade Level: 12****Length of Course/Credits:** 1 semester/5 credits**Required Prerequisite:** Successful completion of U.S. History.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Social Studies**Fulfills UC/CSU Requirements:** Yes, “a” History/Social Science**Textbook:** Prentice Hall, Magruder’s *American Government***Expectations:** Students in grade twelve study the way our American Government is organized and how the process of government has evolved since our origin. The students will develop an understanding of the electoral process and be able to argue varying political perspectives concerning contemporary issues. Students will also recognize the role of media and international affairs in the shaping of national policy.**Course Description:** Major topics include branch studies, principles of government, the Constitution, political parties, the electoral process, interest groups, media, and cases of the Supreme Court. Additionally, students will be expected to work at developing the range of skills necessary for success in college.**AP Government/AP Economics**

This is a one-year course. Randomly, half the students will take Government first, and half the students will take Economics first. Students must enroll in both AP courses and should take both Advanced Placement exams in May.

Course Title: AP U.S. Government and Politics**Grade Level: 12****Length of Course/Credits:** 1 semester/5 credits**Required Prerequisite:** Successful completion of US History, any level.**Recommended Prerequisite:** Completion of U.S. History with a grade of A or completion of Honors U.S. History with a grade of B or better, or the successful completion of AP U.S. History, or completion of the AP U.S. History exam with a score of 3 or better.**Meets District Graduation Requirement:** Social Studies requirement**Fulfills UC/CSU Requirements:** Yes, “a” History/Social Science**Textbook:** *Wadsworth American Government, Institutions and Policies* ISBN-13978-0-495-80281-5**Expectations:** Students will gain an in-depth understanding of the U.S. government as it works in theory and in practice. The students will become familiar with the institutions of government and the role of politics in the electoral process and policy formation. Students will learn to analyze trends in politics and the evolving nature of voter participation, values and behavior of the voters and all participants in government and the political process. Students will develop positions on contemporary court cases and issues of current policy debates. Students shall also recognize the role of media and international affairs on the shaping of national policy.**Course Description:** Major units include Constitutional Underpinnings; political beliefs and behaviors; political parties; interest groups and mass media; institutions of national government; public policy; as well as civil rights and civil liberties. Additionally, students will be expected to work at developing the range of skills necessary for success in college.

Course Title: AP Economics (Microeconomics)

Grade Level: 12

Length of Course/Credits: 1 semester/5 credits

Required Prerequisite: Successful completion of U.S. History, any level.

Recommended Prerequisite: Completion of year-long U.S. History course with a grade of B or better, or the successful completion of Honors U.S. History or AP U.S. History.

Meets District Graduation Requirement: Social Studies

Fulfills UC/CSU Requirements: Yes, “g” Elective

Textbook: *Krugman’s Microeconomics*, ISBN: 1-42928606-7 and *Economics by Example*, ISBN: 0-7167-6934-4

Course Description: This course gives students an understanding of the principles of economics that apply to the functions of individual decision-makers, both consumers and producers, within the larger economic system. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and the role of government in promoting greater efficiency and equity in the economy. The course is equivalent to an introductory college course.

Course Title: AP Human Geography

Grade Level: 9-12

Length of Course/Credits: 1 semester/5 credits

Required Prerequisite: None

Recommended Prerequisite: Successful completion of or concurrent enrollment in Introduction to Model United Nations.

Meets District Graduation Requirement: Elective/ Social Studies

Fulfills UC/CSU Requirements: Yes, “a” History/Social Sciences

Textbook: *Human Geography People, Places, and Culture*, ISBN: 1-11904314-X

Expectations: Students are expected to critically analyze the physical and cultural aspects of the world. In order to achieve this, students will attain an in-depth understanding of Geography as a multi-faceted area of study, they will be exposed to a detailed oversight to the many cultures, political beliefs, economic structures and histories around the globe and from their comprehensive analysis will develop new perspectives on an increasingly globalized world.

Course Description: This course deals with the physical and cultural aspects of world regions, as well as contemporary global issues. Topics including economics, politics, cultural awareness, and history are emphasized as they relate to Geography.

Course Title: Introduction to Law

Grade Level: 9-12

Length of Course/Credits: 1 semester/5 credits

Required Prerequisite: None

Recommended Prerequisite: None

Meets District Graduation Requirement: Elective

Fulfills UC/CSU Requirements: Yes, “g” Elective

Textbook: See course materials

Course Description: This elective course is designed to be an introduction to the varied and complex fields of law that students are most likely to encounter in adulthood. The course will (1) help students obtain an understanding of basic legal principles so that the law will contribute to, rather than, detract from their duties as responsible citizens, and (2) teach public speaking and critical reasoning skills that are not only essential in the legal field, but extremely valuable life skills as well.

Course Title: Mira Costa History Project**Grade Level: 10-12****Length of Course/Credits:** 1 year/5 credits**Required Prerequisite:** Submit application to Mr. Currier/ brief interview**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Yes; elective**Fulfills UC/CSU Requirements:** No**Textbook:** None**Expectations:** Interest in writing and historical research, local history, photography, publishing, graphic design. The class will run two nights a week from 6:00-7:15 p.m.**Course Description:** This class will become part of the Mira Costa History Project, whose mission it is to research and record the preserve the memory of the people and events that have shaped our school over the past 66 years. Students will have the opportunity to meet, interview, and work wit past Costa graduates and faculty. Students will utilize original sources, such as Hoofprints, La Vista, interviews, Daily Breeze, Manhattan Beach News, The Beach Reporter, Easy Reader, the MB, RB and HB Historical Societies, as well as general historical events of California, U.S. and the world. Students will be involved in writing, design, layout, editing, photo selection, and the publishing process. The end goal of the class is to publish the History of Mira Costa. This class is about doing!**Course Title: Introduction to Model United Nations****Grade Level: 9****Length of Course/Credits:** 1 semester/5 credits**Required Prerequisite:** None**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** No**Textbook:** See course materials**Course Description:** This course is an introduction to Model United Nations. Emphasis will be on international relations, debate, speaking, research and position paper writing areas in Model UN. Students must also attend at least one off campus debate for beginning Model UN students. Though challenging, this course is open to all 9th graders with an eagerness to learn.**Course Title: American Foreign Policy/Model United Nations (MUN)****Grade Level: 10-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Application and acceptance into Model United Nations.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** Yes, “g” Elective**Textbook:** None**Course Description:** Model United Nations gives students a powerful hands-on learning tool. The class centers on competing locally, regionally and nationally in simulated debate with other schools on current United Nations issues. The students represent a variety of nations in actual policy on these issues. The students learn to speak in prepared and extemporaneous formats. They will learn to research in the library and on the Internet, and to write position papers, evaluations, resolutions and amendments using their research. Students are required to attend one conference per semester. They have the option to attend all local conferences in which Model UN participates.

Course Title: Modern World History**Grade Level: 10****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** None**Recommended Prerequisite:** Successful completion of Human Geography.**Meets District Graduation Requirement:** Social Studies**Fulfills UC/CSU Requirements:** Yes, “a” History/Social Science**Textbook:** *World History*, ISBN: 0-13-129977-8

Course Description: After review of the forces that shaped modern history, the course focuses upon the period from the Enlightenment to the present. This is a survey of the significant events, important constructions and the key events that have shaped the modern world. This is a demanding college prep class with reasonable expectations, i.e., research papers, subjective exams and collateral readings.

Course Title: Modern World History Block (English 10/Mod Wld Hist)**Grade Level: 10****Length of Course/Credits:** 1 year/20 credits (10 English and 10 Social Studies)**Required Prerequisite:** None**Recommended Prerequisite:** Successful completion of Human Geography.**Meets District Graduation Requirement:** Social Studies and English**Fulfills UC/CSU Requirements:** Yes, “a” History/Social Science**Textbook:** Prentice Hall *World History, the Modern World* 0-13-129977-8

Expectations: Students in grade ten study major turning points that shaped the modern world, from the late eighteenth century through the present, including the cause and course of the two world wars. They 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. They extrapolate from the American experience that democratic ideals are often achieved at a high price, remain vulnerable, and are not practiced everywhere in the world. Students develop an understanding of current world issues and relate them to their historical, geographic, political, economic, and cultural contexts. Students consider multiple accounts of events in order to understand international relations from a variety of perspectives. Most importantly, this Blocked course develops a relationship between the students’ sophomore literature and the historical context that existed that promoted that literary genre/work. The teachers work closely to coordinate the curriculum and offer students an in-depth and unique perspective from which to view the two subjects.

Course Description: Major topics will include a global focus in both the history and the literature starting with the Age of the Enlightenment and continuing through the 1990’s. Works of literature will be selected that reflect the historical zeitgeist that existed during the literary era. For example, the philosophical/artistic/literary movement of Romanticism will be directly linked to the emergence of post-Napoleonic nationalism, industrialism, the development of the western hemisphere and scientific advances of the era. The Holocaust will be studied and will provide the contextual foundation for studying literature that emerged from the experience. For example, Elie Wiesel’s *Night* might be understood with greater depth because of the historical focus that provides the foundation for appreciating the novel. The teachers believe it is important to interact with history and literature. Past local events that have been organized were participation in the LA Opera’s student/teacher symposium culminating in a private meeting with operatic performers and a special performance of *Il Postino*, a modern work on the life and work of the Chilean poet Pablo Neruda. Similarly, a unit was done exploring the literature of Victor Hugo and the history behind the novel *Les Miserables*. Students were able to attend a special private screening at a local movie house of the film and apply their appreciation for the novel to the film. The class is unique and has been highly demanded.

Course Title: Honors Modern World History

Grade Level: 10

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: None

Recommended Prerequisite: Successful completion of Introduction to Model United Nations, Human Geography, or AP Human Geography.

Meets District Graduation Requirement: Social Studies 10th grade

Fulfills UC/CSU Requirements: Pending, “a” History/Social Science

Textbook: *World History*, ISBN: 0-13-129977-8

Expectations: This course is taught at the advanced level. This advanced-level history course requires a greater amount of reading and an in-depth focus on the content. Moreover, the curriculum demands higher-order critical thinking skills within a rigorous academic setting. Thus, students are frequently required to analyze, synthesize, and evaluate primary and secondary historical sources, in addition to comprehending, memorizing, and applying facts. Quizzes, exams, essays, discussions, and debates will be frequent in this class as it is used to incorporate the learned material at hand while implementing the critical thinking skills.

Course Description: This course will study the development of modern society and the period from the Enlightenment to the present. This is a survey of the significant cultural developments, important political constructions, and the key events that have shaped the modern world. This is a demanding advanced college prep class with reasonable expectations, i.e., research papers, subjective exams and collateral readings. Previous completion of a social science class is recommended in 9th grade.

Course Title: Introduction to Psychology

Grade Level: 9-12

Length of Course/Credits: 1 semester/5 credits

Required Prerequisite: None

Recommended Prerequisite: None

Meets District Graduation Requirement: Elective

Fulfills UC/CSU Requirements: Yes, “g” Elective

Textbook: *Psychology and You*, ISBN: 0-314-02772-6

Course Description: This course explores the behavior of living things, but focuses on the individual behavior of mankind. The student investigates methods of psychological study, the formation of personality and attitudes, principles of learning, the functioning of the brain, influences on behavior, mental health and illnesses, and individual behavior in the family group and other relationships.

Course Title: AP Psychology

Grade Level: 11-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: Successful completion of Modern World History or AP European History.

Recommended Prerequisite: Completion of Modern World History with a grade of B or better, or the successful completion of AP European History.

Meets District Graduation Requirement: Elective

Fulfills UC/CSU Requirements: Yes, “g” Elective

Textbook: *Myers’ Psychology*, ISBN: 1-46411307-6

Course Description: The purpose of the AP course in Psychology is to introduce the systematic and scientific study of the behavior and mental processes of human beings and other animals. Included is a consideration of the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students will also learn about the ethics and methods psychologists use in their science and practice.

Course Title: U.S. History**Grade Level: 11****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of any World History.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Social Studies**Fulfills UC/CSU Requirements:** Yes, “a” History/Social Science**Textbook:** *American Vision*, ISBN: 0-07-867851-X

Course Description: This course briefly reviews early US political and ideological development. The remainder of the course focuses on the 20th century. The historical, geographical, political, social and economic forces of the twentieth century are emphasized as they reflect continuity and change from the nation’s beginnings.

Course Title: Honors U. S. History**Grade Level: 11****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Modern World History, Honors World History or AP European History.**Recommended Prerequisite:** Successful completion of a year-long Modern World History course, Honors World History or AP European History.**Meets District Graduation Requirement:** Social Studies**Fulfills UC/CSU Requirements:** Yes, “a” History/Social Science**Textbook:** *The American Pageant*, ISBN: 1-11183106-8

Expectations: This class will fall, in terms of rigor and time commitment, between our standard college-preparatory social studies courses and our AP offerings. It is an advanced course in the modern history of the United States. Students can expect extensive reading assignments, as well as timely completion of a large number of project-based assignments.

Course Description: This course represents an advanced study in American History, more challenging and in-depth than our college-preparatory offering, but not as time consuming as our rigorous AP class. The reading level and load is a bit higher than the college-preparatory course, and will be supplemented with ample primary source readings. The course will also require the completion of multiple projects, both individual and group-oriented.

Course Title: AP U.S. History**Grade Level: 11****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Modern World History, Honors World History, or AP European History.**Recommended:** Completion of year-long Modern World History with a grade of B or better, or the successful completion of Honors Modern World History or AP European History.**Meets District Graduation Requirement:** Social Studies**Fulfills UC/CSU Requirements:** Yes, “a” History/Social Science**Textbook:** *The American Pageant*, ISBN: 1-11183106-8

Course Description: Events of American history from the Age of Exploration to the present day are traced with emphasis on shaping the historical, political, diplomatic, economic, social, cultural, and intellectual forces. The course provides an opportunity for the advanced student to interpret and analyze historical writings at the college level in preparation for Advanced Placement exam in May; college credit may be earned. Strong skills in analytical writing and critical analysis of text are essential for success in the course. Students who took World History in summer school are discouraged from moving into the AP U.S. History curriculum.

STEM CTE COURSES

Course Title: Aerospace Engineering

Grade Levels: 10-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: Successful completion of Algebra 1

Recommended Prerequisite: Successful completion of Principles of Engineering.

Meets District Graduation Requirement: Yes; elective credit

Fulfills UC/CSU Requirements: Yes, “g” elective credit

Textbook: None

Course Description: The course ignites students’ learning in the fundamentals of atmospheric and space flight. Aerospace Engineering is one of the specialization courses in the PLTW Engineering program. The course deepens the skills and knowledge of an engineering student within the context of atmospheric and space flight. Students explore the fundamentals of flight in air and space as they bring the concepts to life by designing and testing components related to flight such as an airfoil, propulsion system, and a rocket. They learn orbital mechanics concepts and apply these by creating models using industry-standard software. They also apply aerospace concepts to alternative planet, including creating a map of the terrain with a model satellite and using the map to execute a mission using an autonomous robot.

Course Title: Biotechnology 1 and 2

Grade Level: 10-11

Length of Course/Credits: 2 year/20 credits

Required Prerequisite: Successful completion of Biology and Algebra I, concurrent enrollment in Chemistry or higher, accepted through rigorous application process.

Recommended Prerequisite: Completion of Biology and Algebra I with a grade of B or better

Meets District Graduation Requirement: Elective

Fulfills UC/CSU Requirements: Yes, “d” Laboratory Science

Textbook: *Ellyn Daugherty, A Laboratory Skills Course*, 2011, J. Kirk Brown, *Biotechnology: Science for the New Millennium*, 2012

Expectations: This course will run as a zero period, three-year pathway only. Selection for participants will occur at the end of the freshman year and will include an application, letter of recommendation form, interview, and commitment contract. Each new year, 15 highly qualified sophomores will be selected from the applicant pool and the class will grow to a maximum of 45 students.

Course Description: This three-year pathway in science will train students to think critically in a laboratory setting. It will provide an opportunity for practical application of coursework, exposure to unique problem-solving situations, time for collaboration and a pipeline to STEM careers. Biotechnology is classified as a laboratory science elective course and does not carry with it any Honors credit until the student reaches the 3rd year in the pathway. The course begins with sophomores who will have the title of a Level 1 Investigator. These students will learn basic laboratory skills and apply them daily in a research setting. The sophomores will then become juniors, Level 2 Investigators, who will mentor the new Level 1 Investigators and perform more complex laboratory analyses. The juniors will then become seniors, Level 3 Investigators (coursework discussed in Biotechnology III H). Upon completion, graduates will have an industry- recognized lab notebook, with experiments that include DNA extraction and precipitation, GRAM staining, quantifying bacterial numbers, casting and running Agarose gels, forensic DNA mapping, PCR analysis, bacterial transformation, Microarray, and much more.

Summation: Students who complete this course sequence will graduate Mira Costa High School with experience and materials that rival that of a college graduate with a science major. They will enter undergraduate labs well equipped to perform virtually any technical application and/or they will be competitive applicants for paid internships and jobs in biotechnology.

Course Title: Honors Biotechnology 3**Grade Level: 12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Biotechnology I and II as well as transportation to and from the location of the internship.**Recommended Prerequisite:** Successful completion of Biotechnology I and II as well as transportation to and from the location of the internship for Year 3 students.**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** Yes, “d” Laboratory Science**Textbook:** *Ellyn Daugherty, A Laboratory Skills Course*, 2011, J. Kirk Brown, *Biotechnology: Science for the New Millennium*, 2012**Expectations:** This course will run as a zero period, three-year pathway only. Selection for participants will occur at the end of the freshman year and will include an application, letter of recommendation form, interview, and commitment contract. Each new year, 15 highly qualified sophomores will be selected from the applicant pool and the class will grow to a maximum of 45 students.**Course Description:** Year 3 in the Biotechnology course pathway serves as an internship program directly in the field of study. Students will build on the job training skills and develop working relationships with individuals currently employed in the research realm. It is here that they will conduct an independent research project with a final, graduate-level, poster presentation. This year 3 course includes a bi-weekly, one-hour class discussion, 20 monthly hours at the approved workplace, periodic reflections, and scheduled individual benchmark meetings with the teacher, on all of which the grade will be based. Timelines will be discussed during the first week of quarter 1. This course is a full year commitment.**Course Title: AP Computer Science Principles (AP CSP)****Grade Level: 9-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Enrollment or completion in Algebra 1 or higher**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** Yes, “g” Elective**Textbook:** None**Course Description:** Students work in teams to develop computational thinking and problem solving skills. The course covers the College Board’s new CS Principles framework. The course does not aim to teach mastery of a single programming language but aims instead to develop computational thinking, to generate excitement about the field of computing, and to introduce computational tools that foster creativity. The course also aims to build students’ awareness of the tremendous demand for computer specialists and for professionals in all fields who have computational skills. The course also aims to engage students to consider issues raised by the present and future societal impact of computing. Students practice problem solving with structured activities and progress to open-ended projects and problems that require them to develop planning, documentation, communication, and other professional skills. Problems aim for ground-level entry with no ceiling so that all students can successfully engage the problems. Students with greater motivation, ability, or background knowledge will be challenged to work further. This class prepares students to take AP Computer Science A (CSA) the following year.

Course Title: AP Computer Science A (AP CSA)

Grade Level: 10-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: Successful completion of AP Computer Science Principles

Recommended Prerequisite: None

Meets District Graduation Requirement: Elective

Fulfills UC/CSU Requirements: Yes, “g” Elective

Textbook: Free Online Textbook – *Think Java: How to Think Like a Computer Scientist* (<http://www.greenteapress.com/thinkapjava/thinkapjava.pdf>)

Expectations: This is a college-level class and like in college, much of the grade will be based on testing and lab work.

Course Description: This course will teach students how to write logically structured, well- documented computer programs using the JAVA programming language. This course also emphasizes the design issues that make programs understandable, adaptable, and, when appropriate, reusable. Additionally, the course will prepare the student for the AP exam in Computer Science.

Course Title: Cybersecurity

Grade Level: 10-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: Successful completion of Algebra I and AP Computer Science P (AP CSP)

Recommended Prerequisite: Successful completion of AP Computer Science A (AP CSA)

Graduation Requirement: Yes; elective credit

Fulfills UC/CSU Requirements: Pending, “g” elective

Expectations: Students must be self-directed learners.

Textbook: None

Course Description: Cybersecurity introduces the tools and concepts of Cybersecurity and encourages students to create solutions that allow people to share computing resources while protecting privacy. Nationally, computational resources are vulnerable and frequently attacked; in Cybersecurity, students solve problems by understanding and closing these vulnerabilities. This course raises students’ knowledge of and commitment to ethical computing behavior. It also aims to develop students’ skills as consumers, friends, citizens, and employees who can effectively contribute to communities with a dependable cyber-infrastructure that moves and processes information safely.

Course Title: Human-Centered Design

Grade Level: 10-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: Successful completion of Algebra I and AP Computer Science A (AP CSA)

Recommended Prerequisite: Concurrent enrollment in Algebra 2

Meets District Graduation Requirement: Arts

Fulfills UC/CSU Requirements: Yes, “f” Visual & Performing Arts

Textbook: Selected Readings

Expectations: Students must be self-directed learners.

Course Description: Students will be introduced to the foundations and fundamentals of the World Wide Web and App Design, acquire basic knowledge of Internet technologies, network infrastructure and Website development. Students will develop websites and apps that utilize technologies that interface with databases. Students will learn the fundamentals of database searches, web server technologies and Rich Internet Applications (RIAs).

Course Title: Introduction to Robotics**Grade Level: 9-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** None**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** Yes, “g” Elective**Textbook:** None**Expectations:** Students will need to work in a team environment.

Course Description: Students build and program a VEX robot using Robot C that is capable of both autonomous (independent) and remote control operation. After completing a standard robot students advance to designing, building, and programming their own design to take part in monthly competitions with the other teams in the class. Students will study and learn to write programs in the ROBOTC programming language, with an emphasis on problem solving techniques. This class provides a solid programming foundation that students will find beneficial for AP Computer Science the following year. No prior programming experience is necessary.

Course Title: Principles of Engineering**Grade Level: 9-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Algebra 1**Recommended Prerequisite:** None**Meets District Graduation Requirements:** Elective**Fulfills UC/CSU Requirements:** Yes, “g” Elective**Textbook:** None

Course Description: Principles of Engineering exposes students to some of the major concepts in a college level engineering course of study. Students will master the basic concepts needed to continue their education in engineering or engineering technology, and will apply them by tackling real world challenges. Students will develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. Some of the topics taught will include but not be limited to: Energy and Power Sources and Applications, Material Properties and Testing, Statistics, Kinematics and Projectile Motion, Control Systems – including computer code, hydraulics and pneumatics, gears, pulleys, etc. Students will receive El Camino College credit for completing the course. This course is adopted from project Lead the Way (PLTW).

Course Title: Honors Engineering Design and Development**Grade Level: 11-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Principles of Engineering**Recommended Prerequisite:** Aerospace Engineering**Meets District Graduation Requirements:** Elective**Fulfills UC/CSU Requirements:** Pending, “g” Elective**Textbook:** None

Course Description: Engineering Design and Development (EDD) is the capstone course in the PLTW high school engineering program. It is an open-ended engineering research course in which students work in teams to design and develop an original solution to a well-defined and justified open-ended problem by applying an engineering design process. Students will perform research to select, define, and justify a problem. After carefully defining the design requirements and creating multiple solution approaches, teams of students select an approach, create, and test their solution prototype. Student teams will present and defend their original solution to an outside panel. While progressing through the engineering design process, students will work closely with experts and will continually hone their organizational, communication and interpersonal skills, their creative and problem solving abilities, and their understanding of the design process.

SPECIAL EDUCATION

Course Title: Learning Center

Grade Levels(s): 9-12

Length of Course/Credits: 1 year/10 credits

Prerequisite(s): IEP

Meets District Graduation Requirement: Elective

Fulfills UC/CSU Requirements: No

Textbook: None

Expectations: N/A

Course Description: The Learning Center is an elective class for students with an active Individualized Education Plan that provides guidance and support for their general education classes. Through consultation, special education teachers and general educators become a powerful team in addressing the needs of students. Time in the Learning Center consists of learning strategies, organizational skills, and assistance with homework, tutorials, direct instruction, and access to a computer/technology center, study sessions, and quiet study areas.

Course Title: English 9

Grade Level: 9

Length of Course/Credits: 1 year/10 credits

Prerequisite(s): IEP

Meets District Graduation Requirement: English

Fulfills UC/CSU Requirements: No

Textbook: See course materials

Expectations: N/A

Course Description: This English class covers the same curriculum as the English 9 CP class but at an accommodated pace. It is designed to introduce the freshman student to the culture of the western world and to his or her place in the modern world through a study of selected core and extended works of literature. Students have a wide range of writing assignments and are expected to develop higher level skills by responding to literature. Meets diploma requirement.

Course Title: English 10

Grade Level: 10

Length of Course/Credits: 1 year/10 credits

Prerequisite(s): IEP

Meets District Graduation Requirement: English

Fulfills UC/CSU Requirements: No

Textbook: See course materials

Expectations: N/A

Course Description: This English course follows the same curriculum as English 10 CP, but at an accommodated pace. It is designed to help students improve their competency in reading, writing, speaking, and listening. Students read selections from condensed versions of English and world literature. Students participate in small group discussions. Special emphasis is put on the student's Individualized Education Plan goals in the areas of reading and writing. Meets diploma requirement.

Course Title: English 11**Grade Level: 11****Length of Course/Credits:** 1 year/10 credits**Prerequisite(s):** IEP**Meets District Graduation Requirement:** English**Fulfills UC/CSU Requirements:** No**Textbook:** See course materials**Expectations:** N/A

Course Description: This English course covers the same curriculum as English 11CP, but at an accommodated pace. Students examine CORE and extended literature selections through class lecture, group activities, and writing assignments. Students also learn and practice research skills through a variety of assignments. Special emphasis is put on the student's Individualized Education Plan goals in the areas of reading and writing. Meets diploma requirement.

Course Title: English 12**Grade Level: 12****Length of Course/Credits:** 1 year/10 credits**Prerequisite(s):** IEP**Meets District Graduation Requirement:** English**Fulfills UC/CSU Requirements:** No**Textbook:** See course materials**Expectations:** N/A

Course Description: This English course covers the same curriculum as English 12 CP, but at an accommodated pace. This class is designed to improve students' reading, writing, speaking and listening. Students read from contemporary works and participate in discussions and oral presentations. Special emphasis is put on the student's Individualized Education Plan goals in the areas of reading and writing. Meets diploma requirement.

Course Title: Biology in Earth Systems**Grade Level: 9-12****Length of Course/Credits:** 1 year/10 credits**Prerequisite(s):** IEP**Meets District Graduation Requirement:** Science**Fulfills UC/CSU Requirements:** No**Textbook:** TBA**Expectations:** N/A

Course Description: This class is available for those students with Individualized Education Plans who require accommodations and support to the College Prep (CP) curriculum. The class covers the fundamentals of cells, biological evolution, and the interdependence of organisms, matter, energy and organization of living systems. There is emphasis placed on the understanding of molecular biology through written work and lab activities, with some algebraic applications. The class aligns with Common Core Standards at an accommodated pace.

Course Title: Physics in the Universe

Grade Level: 10-12

Length of Course/Credits: 1 year/10 credits

Prerequisite(s): IEP

Meets District Graduation Requirement: Science

Fulfills UC/CSU Requirements: No

Textbook: TBA

Expectations: N/A

Course Description: This class is available for those students with Individualized Education Plans who require accommodations and support to the College Prep (CP) curriculum. This course includes basic knowledge in the following areas: mechanics, heat, thermodynamics and kinetic theory, electricity and magnetism, planetary motion, forces involved in plate tectonics and wave mechanics and optics. Students use scientific method to analyze, predict, compare, and summarize lab results.

Course Title: Modern World History

Grade Level: 10

Length of Course/Credits: 1 year/10 credits

Prerequisite(s): IEP

Meets District Graduation Requirement: Social Studies

Fulfills UC/CSU Requirements: No

Textbook: See course materials

Expectations: N/A

Course Description: After review of the forces that shaped modern history, the course focuses upon the period from the Enlightenment to the present. It will include systems and processes focusing on significant events, important constructions, and key events that helped shape the modern world. Content will include factors that influence the rise of democratic ideas, the industrial age, wars and revolutions, up through today's developing world. Modifications to curriculum will be provided for students as appropriate based on Individualized Education Plan goals and objectives.

Course Title: U.S. History

Grade Level: 11

Length of Course/Credits: 1 year/10 credits

Prerequisite(s): IEP

Meets District Graduation Requirement: Social Studies

Fulfills UC/CSU Requirements: No

Textbook: See course materials

Expectations: N/A

Course Description: This class is available for those students who have an Individualized Education Plan and require modifications to the college prep curriculum. It traces the events of American History, focusing on the 19th and 20th century historical events. The course follows the California Standards, with support based upon the student's IEP goals and objectives.

Course Title: Government**Grade Level: 12****Length of Course/Credits:** 1 semester/5 credits**Prerequisite(s):** IEP**Meets District Graduation Requirement:** Social Studies**Fulfills UC/CSU Requirements:** No**Textbook:** See course materials**Expectations:** N/A

Course Description: American Government is a core academic course for graduation. This course is available for students who require support to the college prep curriculum. The class covers a survey of the governmental structure of the United States, systems and political processes focusing on Constitutional structures and foundations. Content will include factors that influence U.S. government and current government events. This course is designed to develop a general awareness of governmental issues and the need for responsible citizenship.

Course Title: Economics**Grade Level: 12****Length of Course/Credits:** 1 semester/5 credits**Prerequisite(s):** IEP**Meets District Graduation Requirement:** Social Studies**Fulfills UC/CSU Requirements:** No**Textbook:** See course materials**Expectations:** N/A

Course Description: This class is available to students who require a smaller class setting for Social Studies. The primary objective of this course is to teach students the basic tool kit of economic concepts as well as personal economics for everyday living. Assignments are designed to enhance students' oral and written comprehension as well as communication skills. Students will also learn basic budgeting and economics for everyday living.

Course Title: Workability**Grade Level: 10-12****Length of Course/Credits:** 1 year/10 credits**Prerequisite(s):** IEP**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** No**Textbook:** None**Expectations:** N/A

Course Description: Workability is a statewide program directed and funded by the California Department of Education. It is designed to prepare students, who have minor academic deficits, for entry into the business world. This training and employment program works to benefit students, employers, and the community at large. Students who are enrolled in Workability do not attend class, but earn their hours working at a job in the community. Because placement is not guaranteed, students may not enroll in Workability until a job placement is secured. Students who are already employed and would like to be granted school credit, or those who would like assistance finding a job, should contact the campus Workability Coordinator in the Learning Center.

Course Title: Social Citizenship Skills**Grade Level: 9-12****Length of Course/Credits:** 1 year/10 credits**Prerequisite(s):** IEP**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** No**Textbook:** None**Expectations:** N/A

Course Description: Students will explore the foundations of human interactions through guided self-examination and learning to assess situations and the behaviors of others. Students will go through a series of activities to learn to interpret body language, facial expressions, tone of voice, and verbal communication. Students will explore appropriate responses in social interactions and be able to generalize what they have learned to other social situations. Specific skills taught will include stress management, building self-esteem, independence, time management, and finding behaviors to replace inappropriate behaviors. A particular emphasis will be placed on developing and maintaining relationships.

Course Title: Practical Living Skills**Grade Level: 9-12****Length of Course/Credits:** 1 year/10 credits**Prerequisite(s):** IEP**Meets District Graduation Requirement:** Health/PE**Fulfills UC/CSU Requirements:** No**Textbook:** None**Expectations:** N/A

Course Description: This Special Day Class is developed to integrate the domestic, recreation, leisure, and school community domains. Students investigate through activity-based sessions, a variety of activities associated with the adult living experience. Organizing daily routine and schedule will serve the students in their process of taking charge of independent living. Students will study areas of: safety, leisure, chores, duties, responsibilities, budget, time management, first aid, and communication. Personal safety and responsibility will be examined in response for taking care of one's self, others and/or pets. Health care, transportation, telephone skills, and appropriate recreation activities are addressed in the context of developing a full capacity living experience. Students will develop strategies to respond to potential emergencies that may appear in the process of daily living. This class is taught based on individual goals and objectives.

Course Title: Practical English Communication**Grade Level: 9-12****Length of Course/Credits:** 1 year/10 credits**Prerequisite(s):** IEP**Meets District Graduation Requirement:** English**Fulfills UC/CSU Requirements:** No**Textbook:** None**Expectations:** N/A

Course Description: This Special Day Class is a language arts program for students learning basic skills. In this course, students will apply speaking, listening, reading, and writing strategies in order to enhance their knowledge and skills. Students will focus on remediation in grammar, reading, writing, and word recognition skills important in understanding the world around them in terms of safety, transportation, cooking, and other practical situations. Comprehension and inferential skills will be developed through listening to materials read to them.

Course Title: Vocational Skills**Grade Level: 9-12****Length of Course/Credits:** 1 year/10 credits**Prerequisite(s):** IEP**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** No**Textbook:** None**Expectations:** N/A

Course Description: This Special Day Class emphasizes interpersonal skill development as a prerequisite to meaningful employment. Particular attention is placed on the skills of greeting, responding to authority, interpersonal appropriateness, and problem solving and conflict resolution within a situational context. Use of appropriate techniques is monitored through a variety of instructional settings including home, school, job, and other settings available in the community. Skills of verbal communication, appropriate physical contact and body language, expression of anger or disagreement, reporting inappropriate behaviors of others, and the ability to develop trust and work cooperatively are introduced and frequently reinforced. This class is taught based on individual goals and objectives.

Course Title: Transition Program**Ages: 17-22****Length of Course/Credits:** 1 year/10 credits**Prerequisite(s):** IEP**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** No**Textbook:** None**Expectations:** N/A

Course Description: This Special Day Class is designed for students with individual goals on their transition plans and focuses on post-school success. Emphasis is on life skills and functioning in the community. The following skills are taught as curriculum: Employment, Further Education/Training, Daily Living, Leisure Activities, Community Participation, Health, Self-Determination, Communication, and Interpersonal Relationships.

Course Title: Consumer Math**Grade Level: 9-12****Length of Course/Credits:** 1 year/10 credits**Prerequisite(s):** IEP**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** No**Textbook:** None**Expectations:** N/A

Course Description: This class is available for those students who require a small class setting for mathematics and development of basic math skills. The class covers the fundamentals of arithmetic following a sequential pace to gain the understanding and skills needed for consumer skills, with primary emphasis on the students' IEP goals and objectives. Math skills to survive as a consumer and vocational "real-life" skills are developed.

ARTS

All courses listed in the Arts Department may be used to fulfill the high school arts graduation requirement. Not all courses, however, are accepted by all colleges as fulfilling the entrance requirement. Individual course descriptions note UC/CSU acceptance practices.

ART

Course Title: Art 1

Grade Level: 9-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: None

Recommended Prerequisite: None

Meets District Graduation Requirement: Arts

Fulfills UC/CSU Requirements: Yes, “F”, Visual & Performing Arts

Textbook: None

Expectations:

Art 1 is an entry level, project-oriented course. All levels of experience are welcome.

Course Description: Art 1 is an exploratory course designed for the beginning art student. The fundamentals of drawing, painting, pen and ink, scratchboards, etc., are incorporated in lecture, demonstrations, and student artwork. A project-oriented class, students will become competent in perspective, shading, etc., in a wide variety of art forms. All levels of talent are welcome.

Course Title: Art 2

Grade Level: 9-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: Successful completion of Art 1.

Recommended Prerequisite: None

Meets District Graduation Requirement: Arts

Fulfills UC/CSU Requirements: Yes, “F”, Visual & Performing Arts

Textbook: None

Expectations:

Art 2 is an intermediate level course. The course is project-oriented but students will also work regularly on projects and sketchbooks outside of class.

Course Description: This course expands the student’s knowledge of the arts and goes more in depth into the mediums and techniques. Students are exposed to advanced drawing and painting exercises as well as block printing, pen/ink and mixed media work. They will be encouraged to experiment and push themselves to expand their creative potential, enhance their art skills and start to develop their own style.

Course Title: Art 3

Grade Level: 10-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: Successful completion of Art 2.

Recommended Prerequisite: None

Meets District Graduation Requirement: Arts

Fulfills UC/CSU Requirements: Yes, “F” Visual & Performing Arts

Textbook: None

Expectations: Art 3 is an intermediate/advanced level course. The course is project-oriented but students are expected to work on projects and sketchbooks outside of class.

Course Description: This is a follow-up course to Art 2, which allows students to pursue their talents more in-depth.

Course Title: AP Art History**Grade Level: 11-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** None**Recommended Prerequisite:** Completion of most recent English and History course with a grade of B or better.**Meets District Graduation Requirement:** Arts**Fulfills UC/CSU Requirements:** Yes, “f” Visual & Performing Arts**Course Description:** This Advanced Placement course is designed to introduce students to the understanding and enjoyment of works of art. Art history from ancient world to the twentieth century is covered. No prior experience in art is necessary. Students who have done well in studies such as history, literature, and art appreciation are encouraged to enroll.**Course Title: AP Studio Art****Grade Level: 10-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Acceptance of portfolio review by the department.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Arts**Fulfills UC/CSU Requirements:** Yes, “f”, Visual & Performing Arts**Textbook(s):** None

This is a college level studio art class and students are expected to work outside of class on an ongoing basis. Projects will be assigned weekly and there are summer assignments. Students should have strong foundational skills before taking this course.

Course Description: This Advanced Placement program in studio art is intended for highly motivated students who are seriously interested in the study of two-dimensional art or sculpture. Students create and submit a portfolio in drawing, 2D Design or 3D Design. The portfolio is viewed as the culminating experience in a student's secondary visual art training.**Course Title: Ceramic Arts 1****Grade Level: 9-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** None**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Arts**Fulfills UC/CSU Requirements:** Yes, “f”, Visual & Performing Arts**Textbook:** None**Expectations:** Students are expected to complete all projects and continue to practice the techniques that are taught throughout the year. Much of the students' grade depends on improvement, challenging them creatively, and completion of all projects.**Course Description:** This course explores the different construction methods possible in high-fire clay. Stoneware projects are created by wheel throwing, slab rolling and hand building techniques. Students will use a variety of potter's wheels, kiln types, firing methods, glazes, and decorative techniques. Students will be exposed to art of diverse cultures and participate in oral and written critiques

Course Title: Ceramic Arts 2**Grade Level: 10-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Ceramic Arts 1.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Arts**Fulfills UC/CSU requirements:** Yes, “F”, Visual & Performing Arts**Textbook:** None

Expectations: Students are expected to complete all projects and continue to practice the techniques that are taught throughout the year. Much of the students’ grade depends on improvement, challenging them creatively, and completion of all projects.

Course Description: This course will further students’ hand-built, wheel, and production ceramic skills by practice and advanced project assignments. Students will be active in kiln loading and glaze experimentation. Students will be exposed to art of diverse cultures, participate in oral and written analysis and have opportunities to display their work. Students will work in other media as well.

Course Title: Ceramic Arts 3**Grade Level: 11-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Ceramic Arts 2.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Arts**Fulfills UC/CSU Requirements:** No**Textbook:** None

Expectations: Students are expected to complete all projects and continue to practice the techniques that are taught throughout the year. Much of the grade depends on students’ improvement, challenging themselves creatively, and completion of all projects.

This is a follow-up course to Ceramic Arts 2 Advanced, which allows students to pursue their talents more in-depth.

Course Description: This course will further students’ hand-built, wheel, and production ceramic skills by practice and advanced project assignments. Students will be active in kiln loading and glaze experimentation. Students will be exposed to art of diverse cultures, participate in oral and written analysis and have opportunities to display their work. Students will work in other media as well.

Art Seminar Courses: Students will sign up for this course and take two of the following courses during that year (1 semester each): Painting, Printmaking, or 3-D Fabrication/Surfboard Shaping. These classes have been paired so students may obtain one full year of UC art credit. If the student has already obtained their UC art credit, they may take just of these courses and pair it with another semester course, i.e AP Human Geography.

Course Title: 3-D Fabrication/Surfboard Shaping**Grade Level: 10-12****Length of Course/Credits:** 1 semester/5 credits**Required Prerequisite:** None**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Yes; elective**Fulfills UC/CSU Requirements:** Yes, “F” Visual & Performing Arts**Textbook:** None

Course Description: Students will learn the process of creating a 3- D surfboard. They will go from start to finish in the process, focusing on all aspects of current and past surfboard design real. They will research past and current surfboard shaping practices, learn how to create a template, and add a surface decoration and logo for their board. They will do this based on the elements and principles of art and design as well as basic math skills.

Course Title: Painting**Grade Level: 10-12****Length of Course/Credits:** 1 semester/ 5 credits**Required Prerequisite:** None**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Yes; elective**Fulfills UC/CSU Requirements:** Yes, “f” Visual & Performing Arts**Textbook:** None

Course Description: This course will focus on the fundamentals of painting. It will emphasize technique and exploration, as well as the historical, cultural, and conceptual aspects of painting. Color theory and the elements of art and principles of design will be expanded upon in depth. Class activities are project based and give students an opportunity to practice these fundamentals. A range of subject matter will be explored including: still life, landscape, figures, portraiture, non-objective and imaginative images. Students will work with a variety of different media, including acrylic and oil paint on canvas. Students will learn how to build their own canvases, as well as be introduced to possible occupations they could potentially pursue with their painting skills in the future.

Course Title: Printmaking**Grade Level: 10-12****Length of Course/Credits:** 1 semester/ 5 credits**Required Prerequisite:** None**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Yes; elective**Fulfills UC/CSU Requirements:** Yes, “f” Visual & Performing Arts**Textbook:** None

Course Description: This course is an introduction to Printmaking and alternative art processes. The course will reinforce the elements of art and principles of design. Students will be introduced to the historical, cultural and conceptual aspects of printmaking. The course will also ask students to explore the connection to alternative processes and digital media. Printmaking projects will be executed from the following techniques: collagraph, monoprint, stenciling, linoleum block, bookbinding, lettering, and layout/design. Other artistic processes will include airbrushing, digital design and the creation of a digital portfolio.

BANDS**Course Title: Jazz Band****Grade Level: 9-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Audition and acceptance into Jazz Band.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Arts**Fulfills UC/CSU Requirements:** Yes, “f” Visual & Performing Arts**Textbook:** None

Course Description: This course offers instrumental music students the opportunity to explore the areas of traditional and contemporary big-band jazz music of various styles through group rehearsals and public performances. Instrumentation includes trumpets, trombones, saxophones, and rhythm instruments (i.e., piano, guitar, bass, drums, and percussion)

Course Title: Marching Band**Grade Level: 9-12****Length of Course/Credits:** 1 semester (fall)/5 credits**Required Prerequisite:** Concurrent enrollment in Concert Band, Symphonic Band, Wind Ensemble or Jazz Band.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Arts (if not taken for PE credits)/Physical Education**Fulfills UC/CSU Requirements:** No**Textbook:** None

Expectations: During the first semester of the year the PE activities are preparation for marching activities. Students are expected to complete 4 required semesters of PE through participation during all four years of high school. Students take part in physical fitness testing. Punctual attendance at all practices and performances (see calendar at mchsbands.com), dressing out in athletic attire for practice, pursuit and continual exercising of the very best of one's physical, mental and expressive abilities, camaraderie through working to contribute excellently to the team both on and off the field.

Course Description: Marching Band takes the musicianship learned in one of the core music ensembles outdoors, onto the football field and into the stands. Advanced training in visually expressing music through marching and movement is acquired through practice during after school hours commensurate with a sports team. As a competitive "Sport of the Arts", Marching Band is a physical demanding team where everyone performs at the Varsity level. Performance opportunities include: marching band tournaments, home and away football games, and local parades.

Course Title: Symphonic Band**Grade Level: 9-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Audition and Instrumental music teacher recommendation.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Arts**Fulfills UC/CSU Requirements:** Yes, "F" Visual & Performing Arts**Textbook:** None

Course Description: This course is an intermediate to advanced level performance-based instrumental music ensemble for wind and percussion players which teaches and develops the higher order of thinking skills involved in the musical performance process. With the core principle of communicating musical intent with clarity, students pursue the ability to think and play creatively, collaboratively, and critically as the primary focus of this course. As a subsequent focus, students will progress in their ability to acquire and apply historical and theoretical knowledge about the music literature being studied. Performance activities fulfill the CSU/UC "F" requirement for extracurricular activities outside of the curricular day and include concerts open to the public, festival performances and community events.

Course Title: Wind Ensemble**Grade Level: 9-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Audition and acceptance into Wind Ensemble.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Arts**Fulfills UC/CSU Requirements:** Yes, "F" Visual & Performing Arts**Textbook:** None

Course Description: Students in Wind Ensemble will advance their musicianship through the study and performance of challenging band, wind ensemble, and chamber music. Students will participate in performances and occasional rehearsals outside of the school day.

Course Title: Flags

Grade Level: 9-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: None

Recommended Prerequisite: None

Meets District Graduation Requirement: Arts (if not taken for PE credits)/Physical Education

Fulfills UC/CSU Requirements: No

Textbook: None

Expectations: During the first semester of the year the PE activities are preparation for marching activities. Students are expected to complete 4 required semesters of PE through participation during all four years of high school. Students take part in physical fitness testing. Class period participation, attendance at all after school and weekend events outlined on the calendar provided at the start of each season.

Course Description: Flags and Colorguard are offered to all Mira Costa students. The students learn movement, dance techniques, choreography, manipulation of traditional Colorguard equipment (flag, rifle, and saber), as well as non-traditional equipment choreographed routines. During the fall, this course pairs up with the Marching Band for field show and parade performances. In the winter, it continues indoors on its own as the MCHS Winterguard. This class is open to all levels of participation and interest. Students who sign up for the course are expected to participate in after school practices and weekend competitions for both seasons. During marching season, students are expected to attend all home football games and perform at halftime. The students' grade is determined on their participation in class and practices or events that take place outside of school hours.

CHORAL MUSIC

Course Title: Costa Chorale 1

Grade Level: 9-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: None

Recommended Prerequisite: None

Meets District Graduation Requirement: Arts

Fulfills UC/CSU Requirements: Yes, "f" Visual & Performing Arts

Textbook: None

Course Description: This course involves a basic education in reading music, vocal techniques and understanding different musical styles. Emphasis will be on vocal performance. Students will sing daily covering a variety of music styles and singing techniques. Performances and dress rehearsals outside of regular school time are required.

Course Title: Costa Chorale 2

Grade Level: 10-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: Successful completion of Costa Chorale 1

Recommended Prerequisite: None

Meets District Graduation Requirement: Arts

Fulfills UC/CSU Requirements: Yes, "f" Visual & Performing Arts

Textbook: None

Course Description: This continues the basic education of reading music, vocal techniques and understanding different musical styles begun in Chorus 1. Emphasis is on vocal performance. Students will sing daily covering a variety of music styles and singing techniques. Performances and dress rehearsals outside of school time are required.

Course Title: Costa Chorale 3**Grade Level: 11-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Costa Chorale 2**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Arts**Fulfills UC/CSU Requirements:** Yes, “f” Visual & Performing Arts**Textbook:** None

Course Description: This continues the basic education of reading music, vocal techniques and understanding different musical styles in Chorus 2. Emphasis is on vocal performance. Students will sing daily covering a variety of music styles and singing techniques. Performances and dress rehearsals outside of school time are required.

Course Title: Costa Chorale 4**Grade Level: 12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Costa Chorale 3**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Arts**Fulfills UC/CSU Requirements:** Yes, “f” Visual & Performing Arts**Textbook:** None

Course Description: This continues the education of reading music, vocal techniques, and understanding different musical styles in Chorus 3. Emphasis is on vocal performance. Students will sing daily covering a variety of music styles and singing techniques. Performances and dress rehearsals outside of school time are required. In addition, students in Chorus 4 will be placed in leadership roles to assist with rehearsals, sectionals, and performances.

Course Title Mustang Chorale**Grade Level: 9-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Audition and acceptance into Mustang Chorale.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Arts**Fulfills UC/CSU Requirements:** Yes, “f” Visual & Performing Arts**Textbook:** None

Course Description: This course focuses on a basic education in reading music, vocal technique, and understanding different musical styles. Emphasis will be on vocal performance. Students will sing daily covering a variety of musical styles and singing techniques. Performances and rehearsals outside of regular school time are required.

Course Title: Choral Union 1 and Vocal Ensemble 1**Grade Level: 9-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Audition and acceptance into Choral Union 1 or Vocal Ensemble 1.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Arts**Fulfills UC/CSU Requirements:** Yes, “f” Visual & Performing Arts**Textbook:** None

Course Description: Enrollment in this course is by audition only. The course provides an education for advanced music students in reading music, vocal technique and understanding different musical styles. Emphasis will be on vocal performance. Performances and dress rehearsals outside of regular school time are required. This class is configured in several different ways; choose the appropriate course number.

Course Title: Choral Union 2 and Vocal Ensemble 2

Grade Level: 10-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: Successful completion of Choral Union 1 or Vocal Ensemble 1 and audition and acceptance into the program.

Recommended Prerequisite: None

Meets District Graduation Requirement: Arts

Fulfills UC/CSU Requirements: Yes, “F” Visual & Performing Arts

Textbook: None

Course Description: Enrollment in this course is by audition only. The course continues the education for advanced music students. Emphasis is on vocal performance. Performances and dress rehearsals outside of school time are required. This class is configured in several different ways; choose the appropriate course number.

Course Title: Choral Union 3 and Vocal Ensemble 3

Grade Level: 11-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: Successful completion of Choral Union 2 or Vocal Ensemble 2 and audition and acceptance into the program.

Recommended Prerequisite: None

Meets District Graduation Requirement: Arts

Fulfills UC/CSU Requirements: Yes, “F” Visual & Performing Arts

Textbook: None

Course Description: This course continues Advanced Women’s Chorale 2. See previous description.

Course Title: Choral Union 4 and Vocal Ensemble 4

Grade Level: 12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: Successful completion of Choral Union 3 or Vocal Ensemble 3 and audition and acceptance into the program.

Recommended Prerequisite: None

Meets District Graduation Requirement: Arts

Fulfills UC/CSU Requirements: Yes, “F” Visual & Performing Arts

Textbook: None

Course Description: This course continues the education for advanced music students. Emphasis is on vocal performance. Performances and dress rehearsals outside of school time are required. In addition, students in Advanced Chorus 4 will be placed in leadership roles to assist rehearsals, sectionals, and performances. This class is configured in several different ways; choose the appropriate course number.

DRAMA

Course Title: Drama 1

Grade Level: 9-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: None

Recommended Prerequisite: None

Meets District Graduation Requirement: Arts

Fulfills UC/CSU Requirements: Yes, “F” Visual & Performing Arts

Textbook: None

Course Description: This course prepares the student in all phases of beginning acting techniques for stage and film. Through exercises, theater games, tests, quizzes, papers, and performances, students increase their awareness of voice and diction, characterization and movement.

Course Title: Drama 2**Grade Level: 9-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Drama 1 and successful application and acceptance into Drama 2.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Arts**Fulfills UC/CSU Requirements:** Yes, “f” Visual & Performing Arts**Textbook:** None

Course Description: This course is a continuation of Drama 1 and will prepare the student in all phases of acting techniques for stage and film. Emphasis is given to production techniques necessary for the variety of styles and plays available from classical theater to the absurd. Through reading plays, theater games, tests, quizzes, papers and performances, students will continue to increase their awareness of voice and diction, characterization, movement and history of the theater. Some outside hours are required for the drama class.

Course Title: Drama 3 Adv**Grade Level: 10-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Drama 2 and successful application and acceptance into Drama 3.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Arts**Fulfills UC/CSU Requirements:** Yes, “f” Visual & Performing Arts**Textbook:** None

Course Description: The emphasis will be on the improvement of the student’s performance level. The student will build on previous skills and exercises developed from previous classes. Individual production development is also a main focus of the course. Students will be involved in all levels of theatrical development. These students will take an active part in major productions, festivals and any other outside projects related to the Mira Costa drama class.

Course Title: Technical Theater**Grade Level: 9-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** None**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Arts**Fulfills UC/CSU Requirement:** Yes, “f” Visual & Performing Arts**Textbook:** None

Course Description: Students will explore the many areas of technical theater, as well as of design and production for the entertainment industry, including historical and present achievements. Students will study and apply knowledge using a hands-on approach to current real-time situations. Cutting across cultural boundaries, students will develop the ability to work in a theater and entertainment environment. Course requires students to participate in physical activities.

MEDIA ARTS

Course Title: Broadcast Journalism 1

Grade Level: 9-11

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: Application/audition and acceptance into Broadcast Journalism program.

Recommended Prerequisite: None

Meets District Graduation Requirement: Visual Arts

Fulfills UC/CSU Requirements: Yes, “f” Visual & Performing Arts

Textbook: “*Sound Reporting*,” Kern, Jonathan

Expectations: This is a rigorous, dynamic elective class that requires self-motivation and collaboration skills, the ability to meet deadlines, and strong writing skills. Some work will be done in class, but many assignments must be completed outside of class time.

Course Description: Enrollment in this course is by application/audition only. This class introduces students to the world of broadcast journalism as they train to produce the nationally award-winning Mustang Morning News. Students learn newswriting and research skills, videography and editing skills, web design and sound recording, and begin to develop a voice as a journalist. Students learn all aspects of news production including anchoring, directing, and producing in the state-of-the-art 2600 square foot Media Arts Lab as they take on real-life issues, events and personalities. This course is designed to prepare students for college majors and careers in journalism and broadcast journalism. Students may be invited to attend local and national journalism conventions with the rest of the staff.

Course Title: Broadcast Journalism 2 (Mustang Morning News)

Grade Level: 10-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: Successful completion of Broadcast Journalism 1 and successful application/audition and acceptance into Broadcast Journalism program.

Recommended Prerequisite: None

Meets District Graduation Requirement: Elective

Fulfills UC/CSU Requirements: No

Textbook: None

Expectations: This is a rigorous, dynamic elective class that requires self-motivation and collaboration skills, the ability to meet deadlines, and strong writing skills. Some work will be done in class, but many assignments must be completed outside of class time.

Course Description: This class builds on what students learned in Broadcast Journalism 1 to produce the nationally award-winning Mustang Morning News, a live newscast seen by the Mira Costa community. Students will begin to specialize in a variety of journalism tasks, such as reporter, videographer, producer, director and anchor as they develop their voice as journalists and hone their technical skills. All current methods of news production and journalism will be explored, including web design and the use of social media sites. In addition to producing the news, special projects may also be awarded to outstanding staff members. Guest speakers and field trips are part of the curriculum, and students may be invited to attend local and national journalism conventions with the rest of the staff.

Course Title: Broadcast Journalism 3 (Mustang Morning News)

Grade Level: 11-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: Successful completion of Broadcast Journalism 2 and successful application / audition and acceptance into Broadcast Journalism program.

Recommended Prerequisite: None

Meets District Graduation Requirement: Elective

Fulfills UC/CSU Requirements: No

Textbook: None

Expectations: This is a rigorous, dynamic elective class that requires self-motivation and collaboration skills, the ability to meet deadlines, and strong writing skills. Some work will be done in class, but many assignments must be completed outside of class time.

Course Description: This course provides advanced work in electronic journalism as students produce the nationally award-winning Mustang Morning News, a live newscast seen by the Mira Costa Community. Students will specialize in a variety of journalism tasks, such as reporter, videographer, producer, director and anchor as they develop their voice as journalists and hone their technical skills. All current methods of news production and journalism will be explored, including web design and the use of social media sites. In addition to producing the news, special projects may also be awarded to outstanding staff members. Guest speakers and field trips are part of the curriculum, and students may be invited to attend local and national journalism conventions.

Course Title: Cinematic Arts 1

Grade Level: 9-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: None

Recommended Prerequisite: None

Meets District Graduation Requirement: Visual Arts

Fulfills UC/CSU Requirements: Yes, "F" Visual & Performing Arts

Textbook: None

Expectations: This is a dynamic elective class that requires self-motivation and collaboration skills. Most work will be done in class, but there are occasional written or film projects that must be completed outside of class time.

Course Description: This course provides an introduction to film-style video production and film criticism. Students will learn the creative elements of cinematic language and production skills through a variety of individual and group projects such as music videos, public service announcements and narrative short films. A variety of films will be screened and critiqued to provide a historical and artistic foundation for student work. Students will also learn cinematography, sound design, editing, screenwriting and directing as they develop their personal voice as filmmakers.

Course Title: Cinematic Arts 2**Grade Level: 10-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Ceramic Arts 1.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Visual Arts**Fulfills UC/CSU Requirements:** No**Textbook:** None

Expectations: This is a dynamic elective class that requires self-motivation and collaboration skills. Most work will be done in class, but there are occasional written or film projects that must be completed outside of class time.

Course Description: This course builds on the fundamentals of Cinematic Arts 1 by providing more advanced work in cinematography, screenwriting, directing and producing. Students will work on a variety of projects, including short narratives, documentaries and experimental videos. Lighting and advanced editing techniques are explored, and students are introduced to motion graphics and other cinematic techniques.

Course Title: Cinematic Arts 3**Grade Level: 11-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Ceramic Arts 2.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Visual Arts**Fulfills UC/CSU Requirements:** No**Textbook:** None

Expectations: This is a dynamic elective class that requires self-motivation and collaboration skills. Most work will be done in class, but there are occasional written or film projects that must be completed outside of class time.

Course Description: This course provides intermediate work in filmmaking and cinematic arts. Student filmmakers collaborate and work individually on a variety of short film projects such as narrative, documentaries and experimental videos. This includes advanced work in cinematography, editing, screenwriting, directing and producing as students continue to develop a personal style and “voice”.

Course Title: Cinematic Arts Adv**Grade Level: 12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Ceramic Arts 3.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Visual Arts**Fulfills UC/CSU Requirements:** Yes, “f” Visual & Performing Arts**Textbook:** None

Expectations: This is a dynamic elective class that requires self-motivation and collaboration skills. Most work will be done in class, but there are occasional written or film projects that must be completed outside of class time.

Course Description: This culminating course further refines the personal vision and voice of student filmmakers and prepares them for film school or work in the industry. Students will study a rotating list of film movements and genres, including experimental, non-fiction, surrealist and political films. Students are expected to produce a variety of digital short projects that hone their technical skills and refine their creative vision. Students will explore advanced work in cinematography, editing and sound as well as screenwriting and producing. By the end of the year, students will produce a personal “reel” (portfolio) of work that can be used for college and job applications.

Course Title: Journalism**Grade Level: 9-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** None**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** Yes, “g” Elective**Textbook:** None

Course Description: This course introduces students to the foundations of journalism and prepares students for future coursework in student publications. Emphasis is placed on the journalism mindset, media literacy, research, and newswriting and reporting using contemporary and emerging media. Students will learn journalism history, law and ethics, and complete a variety of projects including writing, photography, video, social media and design.

Course Title: Journalism Advanced (La Vista)**Grade Level: 10-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of Introduction to Journalism.**Recommended Prerequisite:** Completion of Introduction to Journalism with a grade of B or better.**Meets District Graduation Requirement:** Elective/Art (pending)**Fulfills UC/CSU Requirements:** Yes, “g” Elective/ “f” Visual & Performing Art (pending)**Textbook:** None

Course Description: This is a production course devoted to the publication of the school newspaper, La Vista. Students write, edit, design, lay-out, computer-typeset, and paste-up each page of the 20-28 page paper and upload work to our online site. Students produce 10 issues per school year, on an approximately four-week basis.

Course Title: Yearbook**Grade Level: 9-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Application and acceptance into the Yearbook program.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Arts**Fulfills UC/CSU Requirements:** No**Textbook:** None

Course Description: Yearbook class produces the school’s annual, Hoofprints. Students should have superior writing skills and show evidence of meeting their academic responsibilities. Students will learn basic computer layout techniques, copywriting, photography skills, and apply the graphic arts.

MUSIC**Course Title: Music Theory****Grade Level: 9-12****Length of Course:** 1 year/10 credits**Required Prerequisite:** None**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Arts**Fulfills UC/CSU Requirements:** Yes, “f” Visual & Performing Arts**Textbook:** None

Course Description: This is an introductory course that teaches students to read and write music. Students will learn how to compose, interpret and analyze music from various styles and periods. Emphasis will be placed on mastery of basic concepts in pitch, rhythm, harmony and form. Previous musical knowledge is helpful but not required.

Course Title: AP Music Theory

Grade Level: 10-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: None

Recommended Prerequisite: Intermediate understanding of music theory.

Meets District Graduation Requirement: Arts

Textbook: None

Fulfills UC/CSU Requirements: Yes, “f” Visual & Performing Arts

Course Description: This is a college-level, first year music theory course. It incorporates the study of melody, harmony, texture, rhythm, form, musical analysis, elementary composition, and to some extent, history and style. Musicianship skills such as dictation and other listening skills, sight-singing, and keyboard harmony are also developed within the scope of the curriculum. The student’s ability to read and write musical notation is fundamental to this course. It is also assumed that the student has acquired at least basic performance skills in voice or on an instrument.

ORCHESTRA

Course Title: String Orchestra

Grade Level: 9-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: Instructor recommendation into String Orchestra.

Recommended Prerequisite: None

Meets District Graduation Requirement: Arts

Fulfills UC/CSU Requirements: Yes, “f” Visual & Performing Arts

Textbook: None

Course Description: The String Orchestra, also referred to as the *Preludium Orchestra*, is the entry-level orchestra ensemble at Mira Costa. This course provides foundational instruction on violin, viola, cello, and string bass while involving the rehearsal, analysis, and performance of string ensemble literature. Focus will be placed on improving proper technique, reading, ear training, and ensemble performance skills. Performances outside of regular school time are required.

Course Title: Philharmonic Orchestra

Grade Level: 9-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: Successful completion of an intermediate-advanced level audition.

Recommended Prerequisite: None

Meets District Graduation Requirement: Arts

Fulfills UC/CSU Requirements: Yes, “f” Visual & Performing Arts

Textbook: None

Course Description: The Philharmonic Orchestra is a high-level music curriculum designed for string musicians who wish to continue refining and enhancing performance mastery. This course involves an intermediate-advanced education in music literacy, technique, interpretation, and the application of different musical styles. Performances outside of regular school time are required.

Course Title: Symphony Orchestra**Grade Level: 9-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** Successful completion of an advanced level audition.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Arts**Fulfills UC/CSU Requirements:** Yes, “f” Visual & Performing Arts**Textbook:** None

Course Description: The Symphony Orchestra is the premiere orchestra ensemble at Mira Costa. Members are highly skilled and versatile musicians selected through an advanced audition process before the school year. This course involves an accelerated education in music reading, string technique, and musical styles of varying historical and social contexts. Students will play and rehearse daily covering a variety of genres, musical elements, and performance techniques at a very advanced level. Performances and rehearsals outside of regular school time are required.

Course Title: Honors Music Performance Ensemble (Orchestra)**Grade Level: 10-12****Length of Course:** 1 year/10 credits**Required Prerequisite:** Successful audition in the Honors Music Performance Ensemble program.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Arts**Fulfills UC/CSU Requirements:** Yes, “f” Visual & Performing Arts**Textbook:** None

Course Description: The Honors Music Performance Ensemble, referred to as the *Chamber Orchestra* for string musicians, is comprised of a select group of students currently enrolled in the Symphony Orchestra. Participation is by invitation only, and is based on past known history of achievement, reliability, and the ability to prepare additional string ensemble literature at a very demanding level. Performances and routine rehearsals outside of regular school time are required.

PHOTO**Course Title: Photo (SoCal ROC CTE Digital Photography Level 1)****Grade Level: 9-12****Length of Course/Credits:** 1 year/10 credits**Required Prerequisite:** None**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Arts**Fulfills UC/CSU Requirements:** Yes, “f” Visual & Performing Arts**Textbook:** None

Expectations: Grades based on participation, quality/completion of assignments, and testing. No homework other than that determined by student to complete assignments. Students shall be tested on practical skills and long-term knowledge. SCROC Certificate of Completion granted for a grade of a C; Certificate of Competency granted for a grade of a B or better. Both SCROC certificates require a one-year class commitment (semester-only students are not eligible). Certificates are worth three (3) elective credits in the UC/CSU system.

Course Description: The goal of Photo SCROC Level 1 is to provide a Career Technical Education pathway in the field of photography and a Fine Arts credit elective. Students are introduced to the basics of photography in a digital format, including the skills and career pathway exposure necessary to start a career in photography. The course includes practical learning assignments, PowerPoint/verbal lectures and film documentaries. Teamwork and peer interaction is emphasized to develop interpersonal-relationship and social skills vital in the professional photography business sector within the global economy.

Certificate of Completion: Grade of a C. Worth district elective credits only.

Certificate of Competency: Grade of a B or better, also worth three (3) UC/CSU elective credits.

Course Title: Photo Advanced (SoCal ROC CTE Digital Photography Level 2) **Grade Level:** 10-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: One year of SoCal ROC Level 1 course or equivalent experience. Verbal assessment required for students who have not taken the SoCal ROC Level 1 course or wish to enter Photo Level 2 at the second semester.

Recommended Prerequisite: None

Meets District Graduation Requirement: Arts

Fulfills UC/CSU Requirements: No

Textbook: None

Expectations: Grade based on quality and completion of assignments, participation and testing. No homework other than that determined as needed by student to complete assignments. Students shall be tested on practical skills and long-term knowledge. SCROC Certificate of Completion granted for a grade of B or better.

Course Description: The goal of Photo SCROC Level 2 is to utilize the practical skills developed in Photo Level 1 and further explore the Career Technical Education pathway in photography. Students are introduced to Conceptual Fine Art photography, personal development and real-time work experience. The course includes practical learning assignments with an emphasis on teamwork and peer interaction to develop professional and social skills vital within the global economy. Students are also educated on copyright, business practices, income records and how to take their imagery to a new level of personal expression.

Certificate of Competency: Grade of a B or better.

MISCELLANEOUS

Course Title: Associated Student Body Government (ASB)

Grade Level: 9-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: All ASB students must be either elected or appointed to office.

Recommended Prerequisite: None

Meets District Graduation Requirement: Elective

Fulfills UC/CSU Requirements: No

Textbook: None

Course Description: ASB is a student government organization composed of positions both elected by the student body and appointed through an interview process. Students are responsible for carrying out the duties of their specific positions, as well as participating in the planning of all ASB activities. This class emphasizes the development of student leadership through personal goals; interacting with peers, teachers, administrators, and community members/organizations; and successfully working as a team with other ASB members.

Course Title: Link Crew

Grade Level: 11-12

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: Acceptance by Application Process

Recommended Prerequisite: None

Meets District Graduation Requirement: Elective

Fulfills UC/CSU Requirements: No

Textbook(s): None

Course Description: The Link Crew class is eligible for any junior or senior Link Leaders at MCHS. Students learn leadership skills ranging from goal setting to public speaking to self-reflection. Beyond practicing such skills, students in the Link Crew class can anticipate taking on additional work organizing, planning, and running Link Crew events throughout the year.

Course Title: Student Academic Support 9 (SAS 9)

Grade Level: 9

Length of Course/Credits: 1 semester/5 credits

Required Prerequisite: Counselor recommendation.

Recommended Prerequisite: None

Meets District Graduation Requirement: Elective

Fulfills UC/CSU Requirements: No

Textbook: None

Expectations: Time spent in class will be divided between homework, studying, tutoring, counseling, and teacher instruction.

Course Description: The purpose of the SAS 9 class is to create a structured environment where 9th grade students can receive extra guidance from teachers, counselors, and peer tutors in order to improve their academic performance. The class will incorporate multiple strategies to help students achieve success. Student completion of work will be supervised and additional assistance will be provided to support students in mastering course content in specific academic areas. Students will be held accountable for class work and homework, and will be required to submit a progress report as needed. Study skills and organizational strategies will be an integral part of the curriculum. The goal is to increase motivation, help students recognize and build on their strengths, and understand the value of knowledge and learning. Additional support from an MFT will be provided once a week. Space is limited and will be offered to students who need it most. The SAS 9 elective class is one semester long. The second semester of the school year, students will have the option to take any semester long class offered to freshmen. If your student is identified by MCHS Counselors as needing a 2nd semester of SAS, the class will be offered for the 2nd semester.

Course Title: Student Academic Support 10, 11 (SAS 10, SAS 11)

Grade Level: 10-11

Length of Course/Credits: 1 year/10 credits

Required Prerequisite: Counselor recommendation.

Recommended Prerequisite: None

Meets District Graduation Requirement: Elective

Fulfills UC/CSU Requirements: No

Textbook: None

Expectations: Time spent in class will be divided between homework, studying, tutoring, counseling, and teacher instruction.

Course Description: The purpose of the Student Academic Support Program is to create a structured environment where students can receive extra guidance from teachers, counselors, and peer tutors in order to improve their academic performance. The class will incorporate multiple strategies to help students achieve success. Student completion of work will be supervised and additional assistance will be provided to support students in mastering course content in specific academic areas. Students will be held accountable for class work and homework, and will be required to submit a progress report as needed. Study skills and organizational strategies will be an integral part of the curriculum. The goal is to increase motivation, help students recognize and build on their strengths, and understand the value of knowledge and learning. Additional support from a counselor will be available for students who may be experiencing emotional difficulties. Space is limited and will be offered to students who need it most.

Course Title: Student Academic Support Tutor

Grade Level: 12

Length of Course/Credits: 1 semester/5 credits

Required Prerequisite: Counselor recommendation.

Recommended Prerequisite: None

Meets District Graduation Requirement: Elective

Fulfills UC/CSU Requirements: No

Textbook: None

Course Description: As SAS peer mentors, students will be providing academic, one-on-one peer-tutoring and helping the SAS teacher with any daily tasks. Peer mentors will earn a letter grade, 10 credits toward graduation, and a certificate of recognition for assisting with the SAS program. Not only is this a great addition to a college resume, but it is also a very rewarding experience. The purpose of the Student Academic Support Class is to create a structured environment where students can receive extra guidance from their teacher and counselor with the assistance of the peer mentors in order to improve their academic performance. The goal is to increase motivation, help students recognize and build on their strengths, and see and understand the value of knowledge and learning.

Course Title: AP Seminar**Grade Level: 11****Required Prerequisite:** none**Recommended Prerequisite:** at least one honors or AP course (prior or current enrollment)**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** “G” Elective**Textbook:** See course materials

Course Description: AP Seminar is a year-long preparatory course, serving as the prerequisite to AP Research. The content of the course is flexible, often taking a multidisciplinary, cross-curricular approach, designed to showcase for students the overlapping and interdependent nature of their educations. Over the course of the major thematic study, students will be guided through the QUEST method or research: Question and explore, Understand and analyze, Evaluate multiple perspectives, Synthesize ideas, Team/transform/transmit. This special topics course is designed to give students the chance to self-generate areas of inquiry, and practice and develop important research-based skills through collaborative, written, and presentation tasks. Special topics may change year to year, including the following: Partisanship and Disagreement, Applied Ethics in the 21st Century, Humanism: an approach to cultural ‘Otherness’, Environmental Impact studies, Defining Beauty in the Postmodern Age of Aesthetics, Revisionist Philosophies and Historical Approaches, to name a few. AP Seminar serves as a prerequisite course for AP Research; successful completion of both courses (with passing AP scores) awards students with Certification (for just these two courses) or AP Capstone designation (with successful passing of four other AP courses in any other subject areas).

Course Title: AP Research**Grade Level: 12****Required Prerequisite:** AP Seminar**Recommended Prerequisite:** at least one OTHER (besides AP Seminar) honors or AP course (prior or current enrollment)**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** “G” Elective**Textbook:** See course materials

Course Description: AP Research is a year-long culminating study based on individual student inquiry in a specific cross-curricular area of interest, based on the foundational skills learned and developed in AP Seminar and further enhances through personal, peer, advisor, and expert mentorship. The class is flexibly structured to allow students the personal time to engage not only their own academic settings, but the community and world-at-large as well. Students may choose their own topics, synthesizing areas of study from a variety of their own coursework, conduct research, studies, surveys, interviews, etc. in order to contribute in some way to the academic discourse surrounding their area of inquiry. Over the course of the year, students will learn other formatting types (beyond MLA), specific to their area of inquiry, will work through topic creation, researching, outlining, drafting and revising, peer and advisor reviewing, and reflecting upon their own processes. In the end, students will have completed a project of extended, and significant academic achievement, which should put them at a significant advantage in regards to college admissions and creating avenues for themselves in specific collegiate programs, internships, and research. Successful completion of *both* AP Seminar and AP Research (with passing AP scores) awards students with Certification (for just these two courses) or AP Capstone designation (with successful passing of four other AP courses in any other subject areas).

Course Title: Teacher Assistant**Grade Level: 12****Length of Course/Credits:** 1 semester/5 credits**Required Prerequisite:** Successful application and approval of teacher and administration.**Recommended Prerequisite:** None**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** No**Textbook:** None

Course Description: This course provides a variety of practical experiences for students who may be assigned to administrative offices such as Guidance, Attendance, and the Library. Students may also be assigned directly to a teacher and/or department chair. Students may earn a maximum of 10 credits toward graduation as a Teacher Assistant. **This course is ONLY open to seniors.**

Course Title: Technology Aide**Grade Level: 10-12****Length of Course/Credits:** 1 semester/5 credits**Required Prerequisite:** None**Recommended Prerequisite:** Intermediate-level or better in regards to computer technology.**Meets District Graduation Requirement:** Elective**Fulfills UC/CSU Requirements:** No**Textbook:** None

Course Description: The technology aide will assist other students as well as teachers with computers and software usage. Students will be installing software, troubleshooting (both in the lab and around the campus), setting up computers and possibly designing Web pages. Learning experiences will be driven by the real world challenges of a campus moving toward higher technology and student technology interests.

Additional Courses Though Southern California Regional Occupational Center**(SoCal ROC)****Grade Level: 10-12**

SoCal ROC are the leaders in providing current and relevant Career Technical Education programs that are meeting today's job demands and careers of the future! Part of the California public school system, their programs are offered to high school students as well as adults in the South Bay and surrounding communities. They understand the importance of not only providing students with theory-based instruction, but also the opportunity to apply that knowledge through "hands-on" learning activities. Many of the programs offered at SoCal ROC also offer on-the-job training or external components as well. There is a difference between just having a job versus doing something for which you have a passion and can earn a good living. SoCal ROC's programs and career pathways will provide students with quality educational experiences that will tap into that passion and open doors to exciting career opportunities.

Please see course offerings on the SoCal Roc website: <http://www.socalroc.com/>